General DataComm Site

6 Rubber Avenue

NAUGATUCK, CONNECTICUT

Phase II/III Environmental Site Assessment and Remedial Action Plan

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EXECUTIVE SUMMARY

AKRF, Inc. (AKRF) was retained by the Borough of Naugatuck to perform a Phase II/III Environmental Site Assessment (ESA) of the property located at 6 Rubber Avenue in Naugatuck, Connecticut (site) and to develop a Remedial Action Plan (RAP) outlining the preferred Remedial Action Alternative (RAA) for contaminated media at the site. The approximately 11.7-acre property is currently owned and occupied by General DataComm, Inc. (GDC), a communications hardware manufacturer and distributor. It contains a four story, approximately 375,000-square foot warehouse, manufacturing and office building originally constructed in the 1950s as a rubber and canvas shoe/sneaker warehouse and retail sales storefront. The site includes a 20 by 20-foot, brick pump house building located in the northeastern portion of the property.

The results of the Phase II/III ESA confirmed the presence of contaminated media at the site, including site-wide building/demolition debris, and provided sufficient information for formulating a RAP. Contaminated soil was detected with concentrations of extractable total petroleum hydrocarbons (ETPH), total and synthetic precipitate leaching procedure (SPLP) metals (predominately lead), and polychlorinated biphenyls (PCBs). Contamination was found typically from 2 to 8 feet below grade (fbg), with deeper contamination located in the northern portion of the site to a depth of up to 15 fbg. The deeper contamination primarily consisted of an area of contaminated ash deposits that, although exempt from the Connecticut Department of Energy and Environmental Protection (CT DEEP) Pollutant Mobility Criteria (PMC), are subject to possible Toxic Substance Control Act (TSCA) investigation and remediation requirements due to the elevated levels of PCBs detected.

The proposed RAA consists of excavation and disposal of shallow contaminated soil, combined with institutional controls and an engineered cap for the majority of the contaminated soil/building debris area. Based on the extent of the building debris at the site and the proposed redevelopment of the parcels, it would be most beneficial to conduct the remediation activities concurrent with the site development to avoid additional costs for separate mobilization and excavation coordination activities. The remediation plan (e.g., excavation limits, extent of engineered cap) can be adjusted based upon the final building footprint/site development layout.

Based on the findings and conclusions of the Phase II/III assessment, the following recommendations for future assessment, remediation and development are provided:

- The site is an "establishment" as defined by the Connecticut Property Transfer Act (CT PTA), it is subject to compliance with the Connecticut Remediation Standard Regulations (RSRs) pursuant to the Regulations of Connecticut State Agencies (RCSA) Sections 22a-133k-1 through 22a-133k-3. As such, the Certifying Party would be subject to completing any and all Phase II investigations within a period of 2 years following the sale of the property, and initiating remediation activities within 3 years, regardless of the intended site usage. Compliance activities, including remediation, will be triggered upon transfer of the property or upon entering the Voluntary Remediation Program.
- Appropriate RCRA closure of the formerly utilized hazardous waste storage shed located southwest of the GDC building should be completed. The specific quantities and waste storage timeframes associated with the shed have not been ascertained. GDC should internally assess their obligations regarding the appropriate "closure" of this hazardous waste storage unit (greater than 90-day storage or less than 90-day storage) and such closure should be completed prior to any transfer of the property.
- TSCA compliant assessment and remediation appears to be required for a PCB-contaminated fill area located to the north of the pump house. Coordination with the regulatory agency for the appropriate

assessment and remediation of this area is recommended to further refine the site assessment and remediation scenarios.

- An Ecological Risk Assessment may be necessary to fully characterize the current surface water and sediment quality conditions in the adjacent waterways and assess the risk of potential affected surface water and sediment to the aquatic, benthic, and terrestrial receptors for the identified on-site contaminants. Additional sediment, soil, and surface water sampling should be conducted to supplement the existing data and identify/define the limits of potential affected areas. The information will be used to identify complete exposure pathways that may exist at the site. Based upon the existing soil and groundwater data collected, combined with the existing site setting and adjacent ecological habitat, the potential for sediment and/or surface water remediation is considered to be low.
- Since the site has been investigated using USEPA Brownfields Assessment Grant Funds, it is in a good position to receive USEPA Brownfield Clean-up Program funding in the future; however, given the size of the property and the scope of required remediation, and the fact that these funds can only be received by a municipality, it is suggested that the Borough consider acquiring a portion of the property for remediation and development. Subdividing the property will increase the amount of remediation funds it could be eligible for in the future, since clean-up grants are parcel specific.

An ELUR prohibiting the demolition of the GDC building will be required to address PMC compliance for the contaminated areas inside the building. These areas include the northeastern and southeastern portions of the building in the areas of the former drainage canals. Following the completion of site remediation activities, a post-remedial groundwater monitoring program will be implemented to document the dissolved-phase concentrations of contaminants and evaluate the effectiveness of the remedial actions.

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1.0 INTRODUCTION

AKRF, Inc. (AKRF) and Paul Burgess, LLC were retained by the Borough of Naugatuck, through a United States Environmental Protection Agency (USEPA) Region 1 Brownfields Assessment Grant, to perform a Phase II/III Environmental Site Assessment (ESA) and prepare a Remedial Action Plan (RAP) for an approximately 11.7-acre parcel located at 6 Rubber Avenue in Naugatuck, Connecticut (site). A Project Site Location map is provided as Figure 1. The purpose of the investigation was to further evaluate the extent of previously identified soil contamination on the site and to assess groundwater quality. The investigation included the advancement of soil borings, exploratory test pit excavations, and the installation and sampling of site-wide groundwater monitoring wells. The two subject site lots consist of: the southern approximately 3.9-acre parcel primarily occupied by the General DataComm (GDC) facility, a 375,000-square foot warehouse, manufacturing, and office building located south of former Rubber Avenue, known as Parcel A; and the approximately 7.75-acre parking and driveway area (including a brick pump house) occupying the central and northern portions of the site (including former Rubber Avenue), known as Parcel B. A Quality Assurance Project Plan (QAPP) that describes the protocols and procedures followed during the Phase II/III investigation was prepared by AKRF and approved by the EPA Quality Assurance Unit Office of Environmental Measurement and Evaluation on October 29, 2010.

The RAP identifies contaminated soil excavation and off-site disposal, groundwater monitoring, and institutional controls as the Remedial Action Alternative (RAA) for the site. This Phase II/III ESA and RAP provides a description of previous site investigations, a Conceptual Site Model of contaminant distribution, and a description of the proposed RAA.

2.0 SITE DESCRIPTION

2.1 Site Location and Ownership

The site is located in a mixed residential, commercial and industrial area in downtown Naugatuck, Connecticut. An active Metro North Railroad right-of-way with several tracks abuts the eastern site boundary. The rail bed is situated on an elevated fill berm that serves as a levee between the site and the Naugatuck River, which flows southward, adjacent to the east of the tracks.

The southern site parcel (Parcel A) is bounded to the west by Elm Street and the northern parcel is bounded to the west by Old Firehouse Road, which extends from Maple Street (to the north) to Rubber Avenue (to the south). Commercial parking lots, commercial stores, and restaurants are located west of Old Firehouse Road, and primarily face Church Street, located one block to the west. The Naugatuck Stair Company, Advantage Sheet Metal manufacturing and a former manufacturing facility utilized as an office and training center (ICES) are located southwest and west of Parcel A. Long Meadow Brook flows eastward, under Elm Street and the southern parcel, and discharges to the Naugatuck River east of the railroad. An Advance Auto Parts store is located north of the brook, at the southwest junction of Rubber Avenue and Elm Street. This property was utilized previously as an automobile service and gasoline station.

The site is bordered to the north by Maple Street and a cluster of commercial stores/restaurants on the northeast corner. A former Goodyear/Uniroyal property (formerly affiliated with the site) is located across Maple Street to the north. The property is the southern portion of "Parcel C", which is in the process of a soil remediation program.

The site is bounded to the south by Whiteley Trucking, which includes a truck service garage. Further to the south is a Connecticut Department of Transportation (CTDOT) lay down area to support the reconstruction of a bridge over the Naugatuck River, further to the south. A Site Plan showing the historic on-site structures and former canals is provided as Figure 2.

2.2 Site and Building Descriptions

The subject site occupies approximately 11.7 acres of land along the eastern side of Elm Street and Old Firehouse Road in downtown Naugatuck, Connecticut. The southern portion of the site, a separate 3.9-acre lot historically referred to as "Parcel A", is occupied by a four-story, 375,000-square foot warehouse, manufacturing and office building constructed in the 1950s. The northern parcel, a 7.75-acre lot historically referred to as "Parcel B", consists of a paved parking and driveway area extending north to Maple Street, and includes a 400-square foot, brick, pump house building.

The large GDC building on Parcel A is constructed with concrete and steel columns supporting concrete floors. The exterior walls are constructed of concrete blocks with an exterior brick veneer. The structure is built over Long Meadow Brook, which flows from west to east and discharges to the Naugatuck River, located east of the adjacent railroad tracks. The top of the brook culvert extends through the approximate center of the basement of the GDC building and is located directly underneath a portion of the first floor. The building contains a full basement north of the culvert. The area south of the culvert is filled.

The top of the interior loading docks are at the first floor elevation. The loading dock entrances are via four, large overhead doors along the southern wall of the building. Eight loading docks with hydraulic levelers are located in the loading area. Two additional docks are obscured by building interior renovations, including the construction of a receiving inspection area in the

southwestern corner of the building. The overhead door that served the two docks is covered by the exterior surfacing treatment.

Concrete stairs extend to the first floor lobby from the driveway (former Rubber Avenue) on the northern side of the building. Landscaped terraces are located on either side of the stairs. A concrete covered driveway entrance accesses the basement maintenance area on the northeastern side of the building. A paved ramp provides vehicular access to the sub-grade level, where an overhead door is located. Grass and landscaping extend from the northwestern corner of the building to Elm Street. A paved parking area is located along the western side of the building and extends to Elm Street. A paved entrance, with a sliding chain link fence gate, is located at the southwestern corner of the site, and provides access to the southern side of the GDC building. A paved driveway east of the building joins former Rubber Avenue, north of the building.

The basement area occupies approximately the northern half of the building's footprint and includes: building maintenance supplies storage and workshop areas; a boiler room; a lobby area containing maps and other building documents; two elevator hydraulic rooms (one freight and one passenger); a garage area used for storage and building utilities; and a large storage area with extensive shelved parts storage and maintenance supplies.

A flood control system sump and piping are located along the eastern wall of the basement. Two approximately 12-inch diameter pipes enter a large plate-covered sump in the floor. The pipes extend up through the ceiling to the first floor. The sump contains approximately two feet of oily water. The site contact indicated that water from the hydraulic freight elevator sump was directed to this area, and that the elevator had leaked.

The first floor of the building contains offices and a former test laboratory area. The majority of the floor consists of former manufacturing/assembly space, benches and storage. Overhead doors, sealed from the exterior, formerly received goods brought to the warehouse by rail along the western side of the building. A foam injection packing area is located in the southwestern portion of the first floor and includes two guns that provide liquid foam to materials packed for shipment. The loading dock/receiving inspection area is located in the southern end of the first floor, adjacent to the loading dock platforms. A pump room is located along the eastern wall of the building, north of the electrical room, and contains two, gasoline-fired engines with pumps to serve the two flood control pipes entering the basement sump.

The second floor contains a cafeteria and kitchen in the northwest corner, which formerly served the rubber plant and former GDC employees. A full service kitchen is located in the rear of the cafeteria and contains three walk-in coolers and a full food service line. A former nurse's office, electrical room and mechanical chase access room are located along the main hallway leading back (south) to an engineering laboratory and assembly area. The southern end of the second floor includes a maintenance room with a slop sink, two restrooms and an electrical room. The former wave solder area is located in the northwestern corner of the manufacturing area. Stained 12-inch floor tiles resulting from a roof leak, as reported by the site contact, were noted just south of the former wave solder machine location.

The third floor of the building primarily consists of an open warehouse area with excess equipment and some stored computer hardware in an area utilized by a lessee. The northern side of the third floor contains finished office and computer rooms that served the former GDC service center/call center. The offices and call center are currently vacant.

The fourth floor consists of unfinished storage areas. A pump room contains air handling equipment/air conditioning compressors and an area that previously contained vacuum pumps.

The pump house building in the northern parking area is constructed of brick and is approximately two stories high. The pump house served as a flood control device and was historically connected to the site canal system.

2.3 Topography and Hydrogeology

In general, the surface topography at the majority of the site is flat with a gentle slope to the south. The site is located in a historic flood plain of the Naugatuck River. The adjacent railroad bed to the east is built up approximately 15 feet above the elevation of the site. Based on a review of the United States Geological Survey (USGS) Naugatuck Quadrangle, the majority of the property is at an elevation of approximately 170 feet above the National Geodetic Vertical Datum of 1929 (an approximation of mean sea level).

Based on the Surficial Materials Map of Connecticut (Stone, et al, 1992), the site surficial geology consists of sand and gravel overlying sand. The map description indicates that this geologic unit is typically less than 20 feet thick, horizontally bedded, and overlies thicker, inclined layers of sand. Previous site field investigations, discussed in Section 3.0, indicated that surficial materials consisted of up to 15 feet of fill material/demolition debris overlying silty sand.

According to the Bedrock Geological Map of Connecticut (Rodgers, 1985), the underlying bedrock at the site consists of a grey to dark grey, fine to medium grained schist and gneiss (Waterbury Gneiss). Bedrock was reportedly encountered on the site at various depths during a 2001 GeoProbe® subsurface exploration (GCI 2001) and was described as micaceous schist. Subsequent investigations did not encounter bedrock on the site. GeoProbe® exploration often results in shallow refusal on boulders, cobbles or former building structures. Given the documented geologic conditions (bedrock at 39 feet) on Parcel C to the north of the site, and the findings of test pits and monitoring wells installed on the site, it is expected that little bedrock will be encountered at the site during future investigation and/or remediation activities. Bedrock outcroppings were noted along the Naugatuck River, north of the site. No bedrock was encountered during the Phase II/III site investigation.

Based on local topographic and hydrologic features, groundwater flow at the site is expected to be to the east towards the Naugatuck River. Groundwater monitoring data from reports prepared for the northerly adjacent property (known as "Parcel C"), indicates that groundwater flow is parallel to the river and toward the south. This condition is typical of a shallow sand and gravel aquifer in close communication with an adjacent river. This finding is consistent with the generally north-south oriented historic canals and streams that were present on the site.

A 2001 site field investigation indicated that groundwater flow was to the east and that groundwater was approximately 18 feet below ground surface; however, the groundwater investigation consisted of the collection of "grab samples" collected from soil borings. No groundwater monitoring wells were installed and no groundwater elevation survey was completed.

3.0 PREVIOUS ENVIRONMENTAL REPORTS

Previous environmental reports pertaining to the site were provided by the Naugatuck Community Development Corporation and GDC and include the following:

- Phase II Subsurface Investigation, 6 Rubber Avenue, Naugatuck, Connecticut, prepared by General Consolidated Industries, Inc., dated July 12, 2001 (GCI 2001) (*A Phase I ESA was referenced in the GCI Phase II report, but it was not available for review*);
- Subsurface Explorations, 6 Rubber Avenue, Naugatuck, Connecticut, prepared by Advanced Environmental Redevelopment, LLC, dated September 2002 (AER 2002);
- Report on Subsurface Investigations at General DataComm, 6 Rubber Avenue, Naugatuck, Connecticut, prepared by HRP Associates, Inc., dated September 23, 2002 (HRP 2002); and
- Phase I Environmental Site Assessment ASTM E1527-05, 6 Rubber Avenue, Naugatuck, Connecticut, prepared by HRP Associates, Inc., dated June 2007 (HRP 2007).

In addition, a Phase I Environmental Site Assessment was prepared for the Borough of Naugatuck by AKRF in November 2010 (AKRF 2010).

3.1 GCI (2001)

The Phase II Subsurface Investigation activities included:

- Dye testing of sinks, floor drains and trench drains in the remaining existing General DataComm building;
- Collecting representative samples from on-site subsurface drainage structures;
- Inspecting manhole covers and associated subsurface structures to determine use;
- Performing a geophysical investigation for possible undocumented USTs; and
- Installing soil borings and groundwater monitoring wells to characterize on-site soil and groundwater.

The investigation report could not confirm the discharge location of floor drains/trench drains in the basement or loading dock area. The report noted that Steve Fuhrmann of GDC indicated that the basement floor drains discharged to the brook beneath the building (Long Meadow Brook). A ground penetrating radar survey identified seven subsurface magnetic anomalies on the site, which were noted to be potential UST sites. No subsurface leaching structures were noted during an inspection of open-grate manhole covers.

Twelve direct-push soil borings were completed during the investigation. Probe refusal (noted as bedrock) limited the collection of groundwater samples in all test locations. Four soil samples, collected from 0-4 feet below grade (fbg), were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), total petroleum hydrocarbons (TPH), Total Resource Conservation and Recovery Act (RCRA) 8 metals (Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, and Silver), and polychlorinated biphenyls (PCBs). One sample contained mass arsenic above the Connecticut Department of Environmental Protection (CTDEP) Remediation Standard Regulations (RSR) criteria. Three groundwater samples were analyzed for the same parameters as the soil; no compounds were detected above RSR criteria. No obvious signs of contamination were encountered during the investigation. Soil boring locations are shown on Figure 3.

3.2 AER (2002)

The September 2002 AER Subsurface Investigation report stated objectives were to excavate test pits in areas where former manufacturing operations took place. Some test pits were located in areas where the GCI geophysical investigation noted possible undocumented underground stoage tanks (USTs).

Ten test pits were excavated to a depth of approximately 10 fbg and one soil sample was collected from each pit at a depth of approximately 4-5 fbg. The soil samples were analyzed for extractable total petroleum hydrocarbons (ETPH) and polyaromatic hydrocarbons (PAHs). RSR criteria were exceeded for PAHs in 6 out of the 10 locations. Two samples also exceeded the Residential Direct Exposure Criteria for ETPH.

Demolition debris was encountered in the northern portion of the site to the maximum depth explored (10 fbg). Test pit locations are shown on Figure 3. No bedrock or groundwater was encountered during the investigation.

3.3 HRP (2002)

The 2002 HRP field investigation included the installation and sampling of five, two-inch diameter groundwater monitoring wells and the advancement of twenty-one test borings. A ground penetrating radar survey of specific exterior portions of the property, previously identified as having magnetic anomalies, was also completed as part of the investigation. All of the monitoring wells were located on the site by AKRF personnel during recent site inspections and appear to be usable for future investigations, with the exception of MW-1, which was dry at 14 fbg and appeared to be filled in (well construction log indicated that the well was set at 22 fbg).

Two groundwater monitoring wells were installed on Parcel A, including MW-1, located nearby to the east of the hazardous waste storage shed, and MW-2 located adjacent to the northeast of the GDC building. No borings were located on Parcel A. The report does not describe a rationale for the placement of MW-2, although it is near the historic location of benzene and naphthalene storage areas on the site prior to the construction of the current GDC building. Monitoring wells MW-3, MW-4 and MW-5 were located on the northern half of Parcel B. Nine borings were advanced in the southern portion of Parcel B with five clustered in the southwestern corner in the area of a former boiler house and former hoe factory. Five borings were located in the north-central portion of Parcel B and six were located in the northern end of Parcel B. Test Boring TB-6 was not depicted on the report mapping, although the report contains a log for this boring.

The report indicates that the Recognized Environmental Conditions (RECs) that were the subject of the investigation included: the southern boiler house and coal bins; the acid house; one of the former paint sheds (circa 1910); a former machine shop located in the northwest corner of Parcel B; and a grinding shop located in the former mill building previously located along the southern side of Maple Street (northern Parcel B). Borings were also advanced in the general locations of the northern boiler house, larger northern machine shop (circa 1960), and a heating, varnishing, and machine shop building area in the central western portion of the site (TB-14).

Groundwater flow direction was determined to be in a southeasterly direction, based on surveyed well elevations and depths to water, as measured in each well. Bailers were used to purge the monitoring wells and collect groundwater samples. This method of sample collection is not consistent with CTDEP or USEPA guidance/protocols, which calls for low-flow groundwater sampling methods. Groundwater samples were analyzed for VOCs, SVOCs, dissolved RCRA 8 metals, PCBs, and ETPH. Only VOCs were detected in four of the five groundwater monitoring wells. Monitoring well MW-4 contained 1,1-dichloroethylene (1,1-DCE) at a concentration of 5

micrograms per liter (µg/l), exceeding the Residential Volatilization Criteria (RVC) of 1 µg/l. This detection was the only CTDEP regulatory exceedance in groundwater. The Industrial/Commercial Criteria (applicable after the implementation of a No Residential Use Environmental Land Use Restriction) is 6 µg/l. Six additional chlorinated compounds were also detected in MW-4, located in the northern portion of Parcel B, at concentrations below applicable criteria. Concentrations of 1,1,1-trichloroethane (1,1-TCA) were detected in MW-3, MW-4, and MW-5, and chloroform was noted in MW-1 and MW-3, all at concentrations below applicable criteria.

Soils encountered during the investigation consisted of brown silty sand and gravel. "Abundant debris" was observed in fill materials including brick, concrete, metal, and wire, and drilling conditions were described as "extremely difficult". Shallow auger or split spoon sampler refusals (failure to advance in depth) were noted in numerous borings and often resulted in poor sample recovery (sample volume); however, groundwater monitoring wells were installed below 20 fbg and no bedrock was encountered.

Soil samples were analyzed for the same parameters listed previously for the groundwater samples in addition to Synthetic Precipitation Leaching Procedure (SPLP) analysis of metals and SVOCs for selected samples to assess compliance with CTDEP Pollutant Mobility Criteria (PMC). Twenty-two soil samples were analyzed, including two samples from TB-4, TB-9 and TB-16. No samples were collected from TB-8 or TB-20. All of the samples were collected from intervals ranging from 0 to 7 fbg, with the exception of one sample collected from 10 to 12 fbg at TB-9. All of the samples were analyzed for ETPH and only three contained concentrations exceeding CTDEP RSR criteria. The highest concentration detected was 2,750 milligrams per kilogram (mg/kg) in TB-2, located in the northwestern corner of Parcel B, collected from 2 to 4 fbg. All but one of the soil samples were analyzed for PCBs and VOCs; no PCBs or VOCs were detected at or above the laboratory method detection limits (MDLs). SVOCs were detected in all but 3 of the 21 soil samples analyzed, but only 3 samples contained concentrations in excess of CTDEP Residential Direct Exposure Criteria (RDEC). One sample contained total Lead in excess of the RDEC. None of the SPLP-analyzed metals were detected above the PMC and no SPLP SVOCs were detected above laboratory MDLs.

No UST signatures were detected using ground penetrating radar in the areas where GCI noted magnetic anomalies on the site; however, a UST signature was detected in an area where a tank was shown on a historic site plan. This tank was later removed in 2007 under HRP supervision.

The report concluded that detected chemical concentrations were sporadic with no "hot spot" areas of significant contamination. In general, the report summarized that detected ETPH and SVOC concentrations were more prevalent in the northern and central areas of Parcel B and in the general vicinity of the boiler house and coal storage areas. ETPH was also noted in the area of the former northern machine shops. The report results could not differentiate between historical site operations and fill with regard to the source of the detected contamination.

3.4 HRP (2007)

The 2007 Phase I ESA report was provided without attachments or appendices. The report text described the former and current site operations, site description, site history, and regulatory reviews. The following CTDEP documents referred to in the report were not located during AKRF's CTDEP file search:

- A 1997 letter from CTDEP to GDC indicated that if an Environmental Condition Assessment Form (ECAF) was completed, the site "may be allowed to enter the LEP Verification Program";
- A July 2002 memorandum indicated that confidential documentation, including a Draft Consent Order, enforcement action summaries, and penalty calculations were not in the public record;
- Telephone records of conversations from May 2005 between CTDEP and GDC consisted of discussions regarding the 1993 Property Transfer Act filing and requirements associated with any future property transfer; and
- A GDC hazardous waste summary report.

The Phase I ESA report also summarized the field investigation completed by HRP in 2002 (described above).

3.5 AKRF (2010)

The Phase I ESA (AKRF, 2010) identified several RECs and presented a preliminary Conceptual Site Model. The Phase I ESA was completed so that a complete and appropriate plan for the site investigation could be conducted. The Phase I ESA identified the following RECs:

- The subject site is located in a historically developed urban area, and has included industrial uses with various undocumented chemical waste handling practices dating back to the 1860s. Contaminated soil associated with fill materials and/or historic releases has been documented in previous site investigation reports. Recent and current site activities/conditions could have also contributed to contaminated media.
- The site has a significant industrial use history dating from the 1860s until circa 1985. Primarily, the site manufactured rubber goods including shoes, sneakers, and gloves. Several companies operated at the site including the Goodyear India Rubber Glove Manufacturing Company, Goodyear Metallic Rubber Shoe Company, United States Rubber, and Uniroyal, Inc. Goodyear/U.S. Rubber/Uniroyal facilities operated in several areas of Naugatuck, including those contiguous with the site to the west, and across Maple Street to the north. Numerous buildings, structures, drainage ways and utilities serve, or have served the various industrial activities at the site. Activities/locations on the site include, or have included, grinding, milling, vulcanizing, varnishing, an acid house, a paint shop, a lacquer house, benzene storage, naphtha storage, rail lines and spurs, canals, machine shops, a battery shop, a tin shop, laboratories, mechanical/electrical equipment, three boiler houses, and site maintenance facilities. Potential contamination of soil and groundwater could have resulted from spillage and/or disposal of contaminants at, or to, these use areas and locations.
- Properties located west of the site include several current and historic manufacturing facilities, a bulk fuel facility, and an auto repair and gasoline retail site. These off-site areas, in addition to the former rubber factory sites to the west and north (upgradient of the site), could represent potential sources of impact to site soil and/or groundwater quality.
- Long Meadow Brook is culverted beneath the large on-site building in the southern portion of the property. The brook flows in an easterly direction, parallel to, and south of, Rubber Avenue for a distance of approximately ½ mile before crossing the site. Listed hazardous waste sites are located along the brook and several off-site chemical waste discharges to the watercourse have been documented. Site plans indicated that site building floor drains and

other site discharge sources were directed to the brook, under the building. Brook sediments could contain chemical constituents from historic discharges and fill materials.

- Previous site environmental investigations included two Phase I ESAs, and three subsurface investigations conducted in 2001 and 2002. AKRF was provided copies of the subsurface investigation reports and a 2007 Phase I ESA prepared for GDC. Information contained in these reports indicated that soil and groundwater contamination exists on the property in association with historic fill and/or manufacturing activities. The 2007 Phase I ESA indicated that "minor staining" was observed on the ground surface beneath two plastic cube containers (apparently filled with a petroleum-based substance) stored in the northern parking area. This area of the site was being leased for storage at the time and was not investigated.

- The site reconnaissance revealed that all eight, hydraulic loading dock levelers, located on the southern side of the ground floor, were leaking. Oil and dark stained concrete were observed at the base of the levelers and on some surrounding floors and walls. The loading area is contained by a roof and garage doors, limiting the contact of these area to stormwater, although the potential exists for impacts below the floor in these areas. Four floor drains in the garage area were shown (on historic site plans) as discharging to the water course, beneath the building. Two additional loading docks and a floor drain, located east-adjacent to the eight docks and four drains indicated, were partitioned off by GDC as part of building retrofits. As such, they were obscured from view and their condition is unknown. A flood control device sump exhibited an oily odor, potentially emanating from the pumping of water beneath a leaking hydraulic elevator piston. Floor drains were located in several areas of the basement, including one in the boiler room, which was directed to a grease trap. According to historic site plans, all drains were ultimately directed to the brook beneath the building. Drains, sumps, traps and pipes are potential sources of site contamination.

- A former hazardous waste storage shed, located in the southwestern corner of the site, contained five-gallon containers of absorbent spill control materials. No staining or odors were noted in the shed. No documentation regarding RCRA closure of the hazardous waste management unit was found in the CTDEP files for the site.

- GDC generated hazardous waste in the 1980s and 1990s and was subject of two CTDEP hazardous waste enforcement orders as a result of various hazardous waste handling violations. CTDEP inspection reports indicate oil/chemical storage activities in various parts of the site building and its exterior. Hazardous waste handling may have resulted in on-site spillage or disposal.

- Parcel B was approximately 90% occupied by various factory buildings until they were demolished in 1986. GDC was ordered to cease demolition of the former factory buildings on the site and adjacent properties due to asbestos and other waste handling violations associated with the demolition and backfilling activities. Various orders (Borough of Naugatuck, CTDEP, USEPA) were eventually resolved and lifted. Previous generations of factories/buildings also existed on the site. Contaminated building demolition debris could be present on the site as a result of demolition

- One UST was identified and removed from the site. No other known USTs are present although it is possible that one or more undocumented tank could be encountered during site construction activities.

There are no outstanding regulatory agency Orders associated with the site. The site (Parcels A and B) is listed as the subject of a Connecticut Transfer Act Form III filing from 1993. This

filing stipulates that the site must be investigated and remediated in accordance with the CTDEP Remediation Standard Regulations (RSRs). GDC is listed as the "Certifying Party" and is responsible for compliance with the Transfer Act. Based on hazardous waste generation records, the site (Parcels A and B) qualifies as an "Establishment" as defined in the Transfer Act. The site is a listed Small Quantity Hazardous Waste Generator. A formerly utilized hazardous waste storage building will require proper "closure" in accordance state and federal regulations.

Soil boring, monitoring well, test pit, and sampling locations are shown on Figure 3. Soil and groundwater analytical data tables from the AER, GCI, and HRP reports are included as Appendix A.

4.0 PRELIMINARY CONCEPTUAL SITE MODEL

Based on the completed site, historic and regulatory reviews, and an evaluation of available reports, a preliminary Conceptual Site Model (CSM) regarding the nature of know or potential releases at the site was developed. The identified Areas of Concern (AOCs) and constituents of concern (COCs) are listed in Table 1.

Table 1
Preliminary Conceptual Site Model

Area of Concern	Contaminant Source / Release Mechanism	Migration Pathways	Constituents of Concern	Potentially Affected Media
Former factory building demolition debris/fill	Demolition backfill placement	Soil infiltration	Metals, SVOCs, ETPH	Soil
Former canals	Direct discharges of industrial wastes	Along canal beds, through associated piping and breaches in the canal floors and walls	Metals, VOCs, SVOCs, PCBs, ETPH, Cyanide	Soil and groundwater
Former manufacturing-related activities and uses: machine shops, acid house, maintenance and utilities, paint house, boiler houses, vulcanizing areas, benzene/naphtha storage	Direct discharges to the ground surface, seepage through building floors, discharges to subsurface conveyance or leaching systems	Soil infiltration or along piping and subsurface trenches/pits, dry wells	Metals, VOCs, SVOCs, PCBs, ETPH, Cyanide	Soil, groundwater, and sediment
Former railroad tracks	Leaching from creosote-treated rail ties, releases from train mechanical systems and payloads	Soil infiltration	SVOCs, ETPH, Metals, PCBs	Soil and groundwater
GDC Building Drains and sumps – boiler room, hydraulic elevators, maintenance areas, loading dock	Seepage through system components, cracks and seals and direct discharge to brook	Soil infiltration	VOCs, SVOCs, ETPH, Metals, PCBs	Soil, groundwater, and sediment

Area of Concern	Contaminant Source / Release Mechanism	Migration Pathways	Constituents of Concern	Potentially Affected Media
Loading dock levelers – hydraulic oil releases	Seepage through concrete or seams from leaking system	Soil infiltration	SVOCs, ETPH, PCBs	Soil and groundwater
Hazardous waste storage shed and other miscellaneous storage locations	Seepage through concrete or asphalt from incidental spillage	Soil infiltration	VOCs, SVOCs, Metals, ETPH, PCBs	Soil, groundwater, and sediment
Off-site Sources – bulk petroleum storage, gasoline/service station, manufacturing facilities	Incidental spillage, direct disposal, leaking USTs, surface discharges directly to Long Meadow Brook	Soil infiltration	VOCs, SVOCs, Metals, ETPH, PCBs	Soil, groundwater, and sediment
Northern end of site – former storage area with leaking containers	Container failure	Soil infiltration	VOCs, SVOCs, ETPH	Soil and groundwater
Pump House/Ash Fill Area	Contaminated ash fill	Direct contact with soil and groundwater	Metals, PAHs, ETPH, PCBs	Soil and groundwater

Notes: ETPH=extractable total petroleum hydrocarbons
PAHs=polycyclic aromatic hydrocarbons
PCBs=polychlorinated biphenyls
SVOCs=semi-volatile organic compounds
VOCs=volatile organic compounds

5.0 REGULATORY CRITERIA APPLICABILITY

The RSRs provide a framework for the remediation of sites pursuant to the Connecticut General Statutes (C.G.S.) Chapter 445 (Hazardous Waste), Chapter 446K (Water Pollution Control), the Property Transfer Act (Section 22a-134), and Voluntary Remediation Programs (Section 22a-133).

5.1 Soil

The RSRs evaluate potential risk posed by soil contamination through two sets of individual criteria: Pollutant Mobility Criteria (PMC) and Direct Exposure Criteria (DEC). These criteria are for sites within a regulatory program. A description of these criteria are discussed in the following sections.

5.1.1 Pollutant Mobility Criteria

The PMC values applicable for a particular property are dependant upon the groundwater classification for a site. GB-classified groundwater areas (such as the site) require compliance with the GB PMC numeric values for soils extending up to the seasonal high water table. The purpose of PMC compliance is to mitigate contaminants from leaching into groundwater. The PMC do not apply to soils that are "environmentally isolated" (e.g., under a building), as defined by the RSRs, provided that an environmental land use restriction (ELUR) is recorded for a site to ensure that soils are not exposed and/or disturbed.

5.1.2 Direct Exposure Criteria

The DEC apply to soil located within 15 feet of the ground surface. Compliance with the DEC is intended to prevent risk associated with people coming in direct contact with contaminated soil. The DEC does not apply to soil which is rendered "inaccessible", specifically, soil located greater than two feet below a paved surface or greater than four feet below clean soil, or under a building, provided that an ELUR is recorded for the site, preventing disturbance/exposure of the contaminated soil. Two sets of DEC have been established based upon the land use, the Residential DEC (RDEC) and the Industrial/Commercial DEC (IDEC). The RDEC is applicable to all sites unless an ELUR is recorded that prohibits residential use of the property.

5.2 Groundwater

The RSRs evaluate potential risk posed by groundwater contamination through three sets of individual criteria: Groundwater Protection Criteria (GWPC), Surface Water Protection Criteria (SWPC), and Volatilization Criteria (VC). In a GB-classified area, such as the site, the remediation objective is compliance with the SWPC and VC. A description of the applicable groundwater criteria is provided below.

5.2.1 Surface Water Protection Criteria

The SWPC apply to all groundwater that discharges to surface water. The points of compliance for the SWPC are those monitoring points located immediately upgradient of groundwater discharge to a surface water body for a steady-state plume. Compliance with the SWPC may be achieved when the average concentrations within a groundwater plume are below the SWPC values.

5.2.2 Volatilization Criteria

The VC have been established to evaluate potential risks associated with VOCs being released from the groundwater to indoor air. The VC apply to all groundwater within 15 feet of the ground surface. The CTDEP has proposed changing the VC to apply to all groundwater within 30 feet of the ground surface. Two sets of criteria have been established for the VC based upon the land use, the Residential VC (RVC) and the Industrial/Commercial VC (IVC). Compliance with the VC is achieved when the dissolved-phase concentrations of VOCs are equal to or less than the applicable VC published values. The RVC is applicable to all sites unless an ELUR is recorded for the site, or portion of the site exceeding the VC, to ensure no buildings are constructed over the groundwater plume.

5.3 Site Applicability

Since the site will be used for mixed-use (residential and commercial) purposes, the RDEC and IDEC would be applicable to the site. The site is located in a GB groundwater area; therefore, the GB PMC would be applicable.

Accordingly, soil analytical results will be compared to the following CTDEP RSR criteria, which would be applicable if remediation activities were initiated at the site:

- Residential Direct Exposure Criteria (RDEC);
- Industrial/Commercial Direct Exposure Criteria (IDEC); and
- GB Pollutant Mobility Criteria (GB PMC).

It should be noted that soils exceeding the RDEC may remain on-site provided an ELUR is implemented with respect to rendering the soil "inaccessible" in accordance with the RSRs.

Groundwater analytical results will be compared to the following CTDEP RSR criteria:

- Surface Water Protection Criteria (SWPC);
- Residential Groundwater Volatilization Criteria (RVC); and
- Industrial/Commercial Groundwater Volatilization Criteria (IVC).

The GWPC do not apply to this site as it is located in a GB-classified area.

6.0 PHASE II/III INVESTIGATION

The Phase II/III field investigation was conducted in November and December 2010 with the advancement of 50 soil borings, 17 exploratory test pits, and the installation of 12 groundwater monitoring wells. This section provides and overview of the investigative tasks that were performed to characterize soil and groundwater quality at the site, delineate the extent of buried building debris, and develop a plan for remedial action. The investigative tasks performed included the following elements:

- Direct-push soil sampling;
- Exploratory test pit excavations and soil sampling;
- Catch basin and drainage sump sediment sampling;
- Groundwater monitoring well installation (using hollow-stem auger and direct-push methods);
- Low-flow groundwater sampling; and,
- Off-site laboratory chemical analysis.

Soil boring, test pit, and monitoring well locations are shown on Figure 3. Photographs of the site investigation are included as Appendix B.

6.1 Soil Boring, Test Pit, and Well Installation Rationale

During November and December 2010, 50 soil borings were advanced and 17 test pits were completed at the site. These borings (SB101-SB150) were advanced to characterize soil quality and delineate areas of contamination previously identified, or identified during the course of the current investigation. Test pits (TP01-TP16, and TP03A) were excavated to evaluate the presence of building demolition debris and solid waste at the site. In addition, 12 groundwater monitoring wells (MW101-MW112) were installed across the site to assess groundwater quality. The rationale for each soil boring, test pit, and monitoring well location, and the associated soil/groundwater analysis selected, is summarized on Table 2.

Table 2
Sampling Locations and Rationale

Soil Boring, Test Pit, or Monitoring Well Sample I.D.	Location Rationale	Sample Analysis Selection
SB108; MW101	Assessment of the Hazardous Waste Storage Building	*Soil:* VOCs, SVOCs ETPH, Total/SPLP Metals, and PCBs *Groundwater:* VOCs, SVOCs ETPH, Total Metals, Total Cyanide, and PCBs
SB127-SB132; TP01; MW102	Assessment of the Railroad Drain and Trench Sump	*Soil:* VOCs, SVOCs ETPH, Total/SPLP Metals, and PCBs *Groundwater:* VOCs, SVOCs ETPH, Total Metals, Total Cyanide, and PCBs

Soil Boring, Test Pit, or Monitoring Well Sample I.D.	Location Rationale	Sample Analysis Selection
SB101-SB107; SB109; MW103	Assessment of Hydraulic Levelers and Floor Drains in Loading Dock Area	*Soil:* VOCs, SVOCs ETPH, Total/SPLP Metals, and PCBs *Groundwater:* VOCs, SVOCs ETPH, Total Metals, Total Cyanide, and PCBs
SB116-SB119; TP02, TP03, TP03A, TP05, TP12, TP15; MW103, MW104, MW107, MW110	Assessment of former Canals	*Soil:* VOCs, SVOCs ETPH, Total/SPLP Metals, Total Cyanide, and PCBs *Groundwater:* VOCs, SVOCs ETPH, Total Metals, Total Cyanide
SB116-SB119; Sump-1-Sump-4	Assessment of Interior Drainage Sumps and Canals	*Soil/Sediment:* VOCs, SVOCs ETPH, Total/SPLP Metals, Total Cyanide, and PCBs
SB110, SB111, SB120, SB133, SB134; MW112	Assessment of former Benzene and Naphthalene Storage Area	*Soil:* VOCs, SVOCs, and ETPH *Groundwater*: VOCs, SVOCs, and ETPH
SB112-SB115, SB121-SB126, SB135; TP04, TP06-TP11, TP13, TP14, TP16; MW105-MW109	Assessment of former Manufacturing Buildings/Areas	*Soil:* VOCs, SVOCs ETPH, Total/SPLP Metals, Total Cyanide, and PCBs *Groundwater:* VOCs, SVOCs ETPH, Total Metals, Total Cyanide, and PCBs
SB124-SB126; MW-111	Assessment of former Boiler House and Machine Shop	*Soil:* VOCs, SVOCs ETPH, Total/SPLP Metals, Total Cyanide, and PCBs *Groundwater:* VOCs, SVOCs ETPH, Total Metals, Total Cyanide, and PCBs

Soil Boring, Test Pit, or Monitoring Well Sample I.D.	Location Rationale	Sample Analysis Selection
SB136-SB150	Assessment of Pump House and Ash Fill Area	*Soil*: PAHs, ETPH, Total/SPLP Metals, and PCBs

Notes: ETPH=extractable total petroleum hydrocarbons
PAHs=polycyclic aromatic hydrocarbons
PCBs=polychlorinated biphenyls
SPLP=synthetic precipitation leaching procedure
SVOCs=semi-volatile organic compounds
VOCs=volatile organic compounds

6.2 Field Investigation Techniques

This section describes the techniques that were employed during the investigation. Field tasks were designed to verify the extents of soil contamination and potential contaminant migration pathways. The goal of the investigation was to determine the horizontal and vertical extent of contamination as a result of historic site releases of oil or hazardous materials (OHM) to the environment consistent with the site COCs. Each component of the investigation is described in the following sections.

6.2.1 Direct-Push Soil Sampling

Direct-push soil borings were positioned to evaluate the potential for soil impact at the site in the various identified investigation locations. Fifty soil borings were advanced by Haz-Probe under the direction of AKRF personnel using direct-push methods. Soil borings were completed by Haz-Probe using a truck-mounted Geoprobe® equipped with a GH42 soil probing hammer.

Soil samples retrieved from soil borings were collected continuously using four-foot direct-push soil samplers, affixed with acetate sleeves, and advanced with a Geoprobe®, from the ground surface to a maximum depth of 16 fbg. Retrieved samplers were placed on an examination table and the acetate sleeves were carefully cut open to minimize the soil sample disturbance. Soil samples were examined by AKRF personnel and descriptions were prepared according to the modified Burmeister Classification System, including any evidence of contamination (e.g., staining, presence of ash, oily sheens, odors). Retrieved samples were field screened for the presence of VOCs using a MiniRAE 3000 photoionization detector (PID) equipped with a 10.6 eV lamp, and calibrated daily to an isobutylene standard. Soil boring locations are provided on Figure 3.

Soil samples were submitted to Con-Test Analytical Laboratory (Con-Test), a Connecticut Department of Public Health (CT DPH)-certified laboratory (Certification #PH-0567), and a Woman-Owned Business Enterprise (WBE) located in East Longmeadow, Massachusetts for one or more of the following analyses:

- Volatile organic compounds (VOCs) according to EPA Method 8260B;
- Semi-volatile organic compounds (SVOCs) according to EPA Method 8270C and 8270C Selective Ion Monitoring (SIM);

- SPLP SVOCs according to EPA Method 8270C;
- ETPH according to the CT ETPH Method;
- SPLP ETPH according to EPA Method 1312;
- Total polychlorinated biphenyls (PCBs) according to EPA Method 8082;
- Total and SPLP Metals according to EPA Methods 6010B and 7470; and
- Total Cyanide according to EPA Method 9014.

Soil samples collected for VOC analysis were obtained using laboratory-provided collection syringes to ensure an undisturbed sample. Twenty-five gram sample aliquots were collected for each VOC sample. Fifteen grams of soil were weighed and transferred into one, 40-milliliter (ml) volatile organic ampoule (VOA) containing 15-ml of methanol. Two, 5-gram volumes of soil were weighed and transferred into two, 40-ml VOAs, each containing 5-ml of deionized water and a magnetic stir rod. Sample collection methods were completed in accordance with CTDEP VOC sampling protocols.

Soil samples collected for SVOCs, PCBs, ETPH, Metals, and Cyanide analyses were collected using stainless steel collection spatulas and transferred into unpreserved, laboratory-supplied, glass sample containers. Sample dates, times, analyses, matrices, sampler name and signature were recorded on the chain of custody forms. Samples were immediately placed into coolers and packaged with ice until relinquished to laboratory personnel. Soil Boring Logs including soil descriptions, PID readings, sample recoveries, and sampling depths are included in Appendix C.

6.2.2 Test Pit Excavations

Exploratory test pit locations were situated to evaluate the presence and extent of buried building demolition debris associated with the former site manufacturing buildings. Each test pit was excavated by True-Blue Environmental Services (TBE) of Wallingford, Connecticut, using a track-mounted excavator, under the direction of AKRF personnel. The test pits were excavated in two-foot intervals and were inspected and logged by AKRF field personnel using the methods described in Section 6.2.1. Excavated soil and debris were screened for the presence of VOCs from each 2-foot interval using a PID. Soil samples were collected from the excavator bucket using stainless steel spoons and collection bowls, and select intervals were submitted for one or more of the analyses listed in 6.2.1. Test Pit Logs are included in Appendix D.

6.2.3 Groundwater Monitoring Well Installation

Groundwater monitoring well locations were selected for screening of site-wide groundwater quality, and installed in presumed upgradient and downgradient groundwater flow areas of the site. Monitoring wells MW101-MW111 were installed by Glacier Drilling, LLC (Glacier), located in Durham, Connecticut, using a CME-75 hollow stem auger drilling rig under the direction of AKRF personnel. Monitoring well MW112 was installed by Haz-Probe using direct-push drilling methods under the direction of AKRF personnel.

Overburden monitoring wells were completed at depths ranging from 15 to 23 fbg. Each well was constructed of a ten foot section of two-inch diameter, schedule 40, 0.010-inch slotted polyvinylchloride (PVC) well screen, with two-inch diameter, schedule 40, PVC

riser extending to grade. The annular space around the well was backfilled with number 2 washed silica sand from the base of the boring, extending approximately two feet above the top of the screened interval. A one to two-foot thick layer of hydrated bentonite was installed above the sand pack to prevent surface water infiltration. The remaining annulus was backfilled with number 2 sand and/or native material. All wells were completed with a ten-inch diameter steel roadbox installed within a concrete pad.

Soil cuttings from boring and well installation activities were containerized in 55-gallon steel DOT drums, which were labeled and secured on-site until proper disposal arrangements could be made. Monitoring Well Construction Details are included in Appendix E.

6.2.4 Monitoring Well Development

Following well installation, the new wells were developed via overpumping to clear out any accumulated fines introduced to the well during the drilling activities and to establish a hydraulic connection with the surrounding aquifer. Wells were developed using a submersible pump with dedicated, polyethylene tubing. For the first five minutes of well development, the water was re-circulated back into the well to create maximum agitation. This method is intended to remove fines from the sand pack, the adjacent formation and from the well. After the first five minutes of well development, the well was developed using a submersible pump and the water was discharged into 5-gallon buckets before being transferred to 55-gallon drums designated for well development water. Well development continued until the water ran relatively clear and contained no observable sediment. The volume of water removed from each well was documented and the equipment was decontaminated prior to and following development at each well location.

6.2.5 Monitoring Well Survey

The locations and elevations of the groundwater monitoring wells were surveyed by the Borough of Naugatuck personnel. The top of each well casing were surveyed and the elevations were determined to the nearest 0.01 foot. The survey data was incorporated into the existing surveyed site plan and the depths to water measurements from the wells were used to develop potentiometric surface maps for groundwater across the property. Monitoring well elevation survey results are summarized in Table 4 in Section 7.3.

6.2.6 Low-Flow Groundwater Sampling

Groundwater samples were collected from monitoring wells MW101 through MW112, and from previously installed wells MW2 and MW5, on December 28-30, 2010, using low-flow sampling procedures. Prior to well sampling, a Solinst® Model 122 Interface Meter was utilized to determine the presence or absence of light non aqueous phase liquids (NAPL) and determine the mid-point of the water column. NAPL was not detected in any of the monitoring wells gauged during the sampling event. The wells were purged from the middle of the water column at a rate of 0.1 to 0.3 liters per minute using a peristaltic pump with dedicated polyethylene tubing. During well purging, indicator field parameters including turbidity, dissolved oxygen (DO), specific conductance, temperature, pH, and oxidation reduction potential (ORP) were recorded every three to five minutes. These parameters were measured using a YSI 6820 Multi-Parameter Water Quality Meter equipped with a transparent flow-through cell and a YSI 650 MDS hand held display. In accordance with EPA and CTDEP protocols, purging is considered complete and sampling may begin when all the above indicator parameters

have stabilized. Stabilization is considered to be achieved when three consecutive readings, collected at three to five minute intervals, are within the following limits:

- Turbidity (10% for values greater than 1 NTU);
- DO (10%);
- Specific conductance (3%);
- Temperature (3%);
- pH (+/- 0.1 unit); and,
- ORP (+/- 10 millivolts).

Samples were collected into pre-preserved, laboratory supplied sample containers from the dedicated tubing after the flow-through cell was disconnected at a rate of approximately 0.1 to 0.3 liters per minute. Low-Flow Sampling Logs, documenting measured parameters, flow rates, sampling times, and analyses, for the December 2010 sampling event are included in Appendix F.

6.3 Soil Sample Collection

Soil samples collected from the investigated areas were submitted for laboratory analyses for the COCs identified in Section 6.2.1. Soil sampling intervals were selected based upon evidence of contamination (e.g., visual or olfactory evidence, staining, presence of fill), or from predetermined depths based on potential for contamination. The rationale for the selected sampling depth interval for each collected sample is summarized in Table 3.

Table 3
Soil Sampling Depths, Analyses, and Rationale

Soil Boring/Test Pit	Sample I.D. (Depth)	Sampling Interval Rationale	Analysis
SB108	GDC-SB-108 (11-13)	Assessment of soil quality immediately above apparent water table in the Hazardous Waste Storage Shed area.	VOCs; SVOCs; Total/SPLP Arsenic, Lead, Mercury; Total Cyanide; PCBs; and ETPH
SB127, SB132; TP01	GDC-SB-127 (0-2) GDC-SB-132 (0-2) GDC-TP-01 (2-4)	Assessment of shallow soil in the Railroad Drain and Trench Sump area.	SVOCs; Total/SPLP Metals; PCBs; and ETPH
SB101, SB106	GDC-SB-101 (0-2) GDC-SB-106 (2-4)	Assessment of shallow soil quality in Loading Dock area.	VOCs; SVOCs; Total/SPLP Arsenic, Lead, and Mercury; Total Cyanide; PCBs; and ETPH

Soil Boring/Test Pit	Sample I.D. (Depth)	Sampling Interval Rationale	Analysis
SB104	GDC-SB-104 (7-9)	Assessment of ash fill.	Total/SPLP Arsenic, Lead, and Mercury; PCBs; and ETPH
SB109	GDC-SB-109 (11-13)	Assessment of soil immediately above apparent water table.	VOCs; Total/SPLP Arsenic, Lead and Mercury; and ETPH
SB116	GDC-SB-116 (4-6)	Assessment of soil quality adjacent to interior drainage sumps and former canals.	ETPH
SB118, SB119	GDC-SB-118 (6-8) GDC-SB-119 (2-4)	Assessment of soil quality adjacent to interior drainage sumps and former canals.	VOCs and ETPH
SB117	GDC-SB-117 (10-12)	Assessment of soil quality adjacent to interior drainage sump at water table interface.	ETPH
Sump-1	GDC-Sump-1	Assessment of sediment quality within flood control drainage sump.	VOC; SVOCs; Total RSR 15 Metals; Total Cyanide; PCBs; and ETPH
Sump-2	GDC-Sump-2	Assessment of sediment quality within flood control drainage sump.	VOC; SVOCs; Total RSR 15 Metals; Total Cyanide; PCBs; and ETPH
Sump-3	GDC-Sump-3	Assessment of sediment quality within maintenance area drainage sump.	VOC; SVOCs; Total RSR 15 Metals; Total Cyanide; PCBs; and ETPH
Sump-4	GDC-Sump-4	Assessment of sediment quality within boiler room drainage sump.	VOC; SVOCs; Total RSR 15 Metals; Total Cyanide; PCBs; and ETPH
TP03	GDC-TP-03 (2-4)	Assessment of shallow soil quality and building debris in former canals/ building footprint.	SVOCs; Total/SPLP RSR 15 Metals; Total Cyanide; PCBs; and ETPH

Soil Boring/Test Pit	Sample I.D. (Depth)	Sampling Interval Rationale	Analysis
TP03A	GDC-TP-03A (10-12)	Assessment of deeper soil quality and building debris in former canals/ building footprint.	SVOCs; Total/SPLP RSR 15 Metals; Total Cyanide; PCBs; and ETPH
TP04	GDC-TP-04 (0-2)	Assessment of shallow soil quality and building debris in former manufacturing building footprint.	SVOCs; Total/SPLP RSR 15 Metals; Total Cyanide; PCBs; and ETPH
TP04	GDC-TP-04 (6-8)	Assessment of deeper soil quality and building debris in former manufacturing building footprint.	SVOCs; Total/SPLP RSR 15 Metals; Total Cyanide; PCBs; and ETPH
TP05	GDC-TP-05 (2-4)	Assessment of shallow soil quality and building debris in former canals/ building footprint.	VOCs; SVOCs; Total/SPLP RSR 15 Metals; Total Cyanide; PCBs; and ETPH
TP05	GDC-TP-05 (8-10)	Assessment of deeper soil quality and building debris in former canals/ building footprint.	SVOCs; Total/SPLP RSR 15 Metals; Total Cyanide; PCBs; and ETPH
TP06, TP08, TP10	GDC-TP-06 (2-4) GDC-TP-08 (4-6) GDC-TP-10 (4-6)	Assessment of shallow soil quality and building debris in former manufacturing building footprint.	SVOCs; Total/SPLP RSR 15 Metals; Total Cyanide; PCBs; and ETPH
TP07	GDC-TP-07 (6-8)	Assessment of deeper soil quality and building debris in former manufacturing building footprint.	VOCs; SVOCs; Total/SPLP RSR 15 Metals; Total Cyanide; PCBs; and ETPH
TP09	GDC-TP-09 (7-9)	Assessment of deeper soil quality and building debris in former manufacturing building footprint.	SVOCs; Total/SPLP RSR 15 Metals; Total Cyanide; PCBs; and ETPH
TP11	GDC-TP-11 (0-2)	Assessment of shallow soil quality and building debris in former manufacturing building footprint.	VOCs; SVOCs; Total/SPLP RSR 15 Metals; Total Cyanide; PCBs; and ETPH
TP12, TP15	GDC-TP-12 (0-2) GDC-TP-15 (0-2)	Assessment of shallow soil quality and building debris in former canals.	SVOCs; Total/SPLP RSR 15 Metals

Soil Boring/Test Pit	Sample I.D. (Depth)	Sampling Interval Rationale	Analysis
TP12	GDC-TP-12 (6-8)	Assessment of ash fill adjacent to pump house in former canals.	SVOCs; Total/SPLP RSR 15 Metals; Total Cyanide; PCBs; and ETPH
TP15	GDC-TP-15 (6-8)	Assessment of ash fill adjacent to pump house in former canals.	VOCs; SVOCs; Total/SPLP RSR 15 Metals; Total Cyanide; PCBs; and ETPH
TP13	GDC-TP-13 (2-4)	Assessment of shallow soil quality and building debris in former boiler house and machine shop building footprint.	SVOCs; Total/SPLP RSR 15 Metals; Total Cyanide; PCBs; and ETPH
TP14	GDC-TP-14 (0-2)	Assessment of shallow soil quality and building debris in former boiler house and machine shop building footprint.	ETPH, PCBs
TP14	GDC-TP-14 (7-9) GDC-TP-14B (7-9)	Assessment of deeper soil quality and building debris in former boiler house and machine shop building footprint.	VOCs; SVOCs; Total/SPLP RSR 15 Metals; Total Cyanide; PCBs; and ETPH
TP16	GDC-TP-16 (4-6)	Assessment of shallow soil quality and building debris in former grinding and milling building footprint.	SVOCs; Total/SPLP RSR 15 Metals; Total Cyanide; PCBs; and ETPH
SB120	GDC-SB-120 (6-8)	Assessment of soil quality adjacent to bay door trench drain at water table interface. Delineation of petroleum contamination noted at SB110.	ETPH
SB122	GDC-SB-122 (4-6)	Assessment of shallow soil quality in former pipe shop and spreader house building footprint.	VOCs; SVOCs; Total Lead, Arsenic, Mercury; and ETPH
SB123	GDC-SB-123 (9-11) GDC-SB-123B (9-11)	Assessment of soil quality under former paint shop building footprint at water table interface.	VOCs; SVOCs; Total Lead, Arsenic, Mercury; and ETPH

Soil Boring/Test Pit	Sample I.D. (Depth)	Sampling Interval Rationale	Analysis
SB124	GDC-SB-124 (0-2)	Assessment of shallow soil quality under former paint shop building footprint.	SVOCs; Total Lead, Arsenic, and Mercury
SB124	GDC-SB-124 (6-8)	Assessment of deeper soil quality under former paint shop building footprint.	VOCs; Total Lead, Arsenic, Mercury; and ETPH
SB126	GDC-SB-126 (2-4)	Assessment of shallow soil/fill and ash fill material under former machine shop building footprint.	SVOCs; Total Lead, Arsenic, Mercury; and ETPH
SB126	GDC-SB-126 (8-10)	Assessment of deeper soil/fill and ash fill material under former machine shop building footprint at water table interface.	VOCs; SVOCs; Total Lead, Arsenic, Mercury; and ETPH
SB127	GDC-SB-127 (0-2)	Assessment of former railroad drain and trench sump.	PAHs; Total/SPLP Lead and Arsenic
SB128	GDC-SB-128 (0-2)	Assessment of former railroad drain and trench sump.	ETPH
SB130	GDC-SB-130 (0-2)	Assessment of railroad ballast fill.	ETPH
SB132	GDC-SB-132 (0-2)	Assessment of railroad ballast fill.	PAHs and PCBs
SB134	GDC-SB-134 (10-12)	Delineation of petroleum contamination noted in SB110. Petroleum odors noted.	ETPH
SB134	GDC-SB-134 (14-16)	Delineation of petroleum contamination noted in SB110. Moderate petroleum odors noted.	VOCs and ETPH
SB136	GDC-SB-136 (1-3)	Assessment of ash/fill deposits in former canal.	Total/SPLP Lead; PCBs
SB138	GDC-SB-138 (6-8)	Assessment of soil quality beneath ash/fill deposits in former canal.	Total/SPLP Lead; PCBs

Soil Boring/Test Pit	Sample I.D. (Depth)	Sampling Interval Rationale	Analysis
SB138	GDC-SB-138 (12-14)	Assessment of soil quality beneath ash/fill deposits in former canal at water table interface.	Total/SPLP Lead; PCBs
SB139	GDC-SB-139 (6-8)	Delineation of lead and PCB contamination in vicinity of pump house and former canals.	Total/SPLP Lead; PCBs
SB141	GDC-SB-141 (6-8)	Delineation of ash fill/lead and PCB contamination in vicinity of pump house and former canals.	Total/SPLP Lead; PCBs
SB142	GDC-SB-142 (6-8)	Delineation of ash fill/lead and PCB contamination in vicinity of pump house and former canals.	Total/SPLP Lead and Arsenic; and PCBs
SB142	GDC-SB-142 (10-12)	Delineation of ash fill/lead and PCB contamination in vicinity of pump house and former canals.	Total/SPLP Lead; PCBs
SB142	GDC-SB-142 (13-15)	Delineation of ash fill/lead and PCB contamination in vicinity of pump house and former canals.	PAHs; Total/SPLP Lead; ETPH; and PCBs
SB143	GDC-SB-143 (8-10)	Delineation of ash fill/ PCB contamination in vicinity of pump house and former canals.	PCBs
SB145	GDC-SB-145 (7-9)	Delineation of ash fill/PCB contamination in vicinity of pump house and former canals.	PCBs
SB146	GDC-SB-146 (2-4)	Delineation of ash fill/lead and PCB contamination in vicinity of pump house and former canals.	PAHs; Total/SPLP Lead and Arsenic; and PCBs

Soil Boring/Test Pit	Sample I.D. (Depth)	Sampling Interval Rationale	Analysis
SB147	GDC-SB-147 (13-15)	Delineation of ash fill/lead and PCB contamination in vicinity of pump house and former canals.	Total/SPLP Lead; PCBs
SB148	GDC-SB-148 (9-11) GDC-SB-148 (13-15)	Delineation of ash fill and PCB contamination in vicinity of pump house and former canals.	ETPH and PCBs
SB149	GDC-SB-149 (6-8)	Delineation of ash fill/lead and PCB contamination in vicinity of pump house and former canals.	Total/SPLP Lead; PCBs
SB149	GDC-SB-149 (12-14)	Delineation of ash fill/lead and PCB contamination in vicinity of pump house and former canals.	PAHs; Total/SPLP Lead and Arsenic; ETPH; and PCBs
SB110	GDC-SB-110 (6-8)	Assessment of soil quality in former benzene and naphthalene storage area. Elevated PID readings.	VOCs; SVOCs; and ETPH
SB111	GDC-SB-111 (6-8)	Assessment of soil quality in former benzene and naphthalene storage area. Elevated PID readings.	VOCs; SVOCs; and ETPH
SB113	GDC-SB-113 (12-14)	Assessment of soil quality at water table interface beneath former manufacturing building footprint.	VOCs; SVOCs; Total/SPLP RSR 15 Metals.
SB114	GDC-SB-114 (12-14)	Assessment of soil quality at water table interface beneath former manufacturing building footprint.	VOCs; SVOCs; Total/SPLP RSR 15 Metals.

Notes: ETPH=extractable total petroleum hydrocarbons
PAHs=polycyclic aromatic hydrocarbons
PCBs=polychlorinated biphenyls
RSRs=remediation standard regulations
SPLP=synthetic precipitation leaching procedure
SVOCs=semi-volatile organic compounds
VOCs=volatile organic compounds

6.4 Groundwater Sample Collection

Groundwater samples were collected from wells MW101-MW112, MW2, and MW5 on December 28-30, 2011. Collected samples were submitted to Con-Test for one or more of the following analyses:

- VOCs according to EPA Method 8260B;
- Polycyclic aromatic hydrocarbons (PAHs) according to EPA Method 8270C and 8270C SIM;
- ETPH according to the CT ETPH Method;
- PCBs according to EPA Method 8082;
- Total RSR 15 Metals according to EPA Methods 6010B and 7470; and
- Total Cyanide according to EPA Method 9014.

In general, stabilization of the wells and parameters were achieved within allowable limits. Low-Flow Sampling Logs for the December 2010 sampling event are provided as Appendix F.

6.5 Quality Assurance/Quality Control

All laboratory data was validated in accordance with the requirements established in the CTDEP Reasonable Confidence Protocols (RCPs) and in accordance with the methods outlined in the QAPP. Data were evaluated for the following parameters:

- Collection and Preservations;
- Holding Times;
- Data Completeness;
- Initial Calibration;
- Continuing Calibration;
- Internal Standards;
- Blank Contamination; and
- Laboratory Control Samples (LCS).

Laboratory-prepared trip blanks were submitted with each sample set for analysis of VOCs to evaluate the potential for cross-contamination during sample storage and shipping. Duplicates of soil samples GDC-SB-123 (9-11) and GDC-TP-14 (7-9) were collected for VOCs, SVOCs, total/SPLP RSR 15 metals, PCBs, and ETPH analyses. Additional sample volume was collected for samples GDC-SB-122 (4-6) and GDC-TP-07 (6-8), and submitted for matrix spike (MS) and matrix spike duplicate (MSD) analyses for the analytes listed above. Duplicate groundwater samples for GDC-MW-102 were collected for VOCs, PAHs, total RSR 15 metals, PCBs, and ETPH.

Additional sample volume was collected for sample GDC-MW-108 and submitted for MS/MSD analyses for the same parameters. In addition, three equipment blanks were prepared by pouring de-ionized water over decontaminated sampling tools to verify the effectiveness of equipment decontamination procedures and evaluate the potential for cross-contamination. A Data Quality Assessment and Data Usability Evaluation for the analytical data is discussed in Section 8.0.

7.0 INVESTIGATION FINDINGS AND RESULTS

7.1 Geology

Soils encountered during site investigation activities consisted of light and dark brown fine sand and gravel in the southern portion of Parcel A, to a depth of 15 fbg. A localized ash deposit was noted under the southern end of the GDC building at a depth of 7 to 9 fbg. Railroad ballast/bedding was located throughout the western side of the GDC building, in the area of the former railroad beds, to a depth of 2 to 3 fbg. Subsurface materials encountered on Parcel B consisted mainly of building demolition debris/fill (eg., concrete, brick, wood, metal) throughout the southern and central portions of the property, within the footprint of the former rubber manufacturing buildings at depths ranging from surface grade to 8 fbg. Concrete building slabs were encountered between 6 and 8 fbg. A localized ash fill layer was encountered adjacent to the flood control pump house, located in the northeastern portion of the site, at a depth of 4 to 8 fbg. Soils encountered on the northern side of Parcel B consisted of dark brown, red, and orange sand and gravel. Deposits of fine gravel were noted at depths ranging from 12 to 15 fbg in the areas of the former drainage canals. The native deposits encountered during the site investigation appear to be consistent with the mapped surficial materials (i.e., sand and gravel). Bedrock was not encountered at the site. Soil descriptions are included on the Soil Boring and Test Pit Logs in Appendices C and D.

7.2 Field Screening

Evidence of building debris, concrete, brick, ash, rubber, metal, and wood were noted in the majority of soil borings and test pits located in the southern and central portions of Parcel B at depths ranging from surface grade to 8 fbg. No evidence of tanks or drums were noted in any of the test pits. Building slab foundations were located throughout Parcel B at approximately 6 to 8 fbg. A localized ash layer was encountered adjacent to the flood control pump house, in one of the former drainage canals between 4 and 8 fbg. Petroleum impact was noted in soil borings installed in the former benzene/naphthalene storage area, located off the northeastern corner of the GDC Building on Parcel A. Elevated PID readings [>1,000 parts per million (ppm)] were measured at 6 to 8 fbg (SB110), immediately above the apparent water table, and at 22 to 24 fbg (SB111). Additional soil borings were installed to delineate the petroleum contamination. Field screening indicated that the petroleum release was limited in area and soil and groundwater sample results did not indicate a substantial release in this area. A petroleum odor and sheen were noted on the soil boring liners collected from 6-8 fbg at SB117 and SB118, located adjacent to the flood control sump inside the GDC building. No other soil borings or test pits indicated evidence of petroleum impacts. PID readings are included on the Soil Boring and Test Pit logs (C and D).

7.3 Groundwater Elevations

Calculated water table elevations ranged from 175.37 feet at MW103 to 177.55 feet at MW111 on December 28-30, 2010. Groundwater flow was determined to be in a southern direction, parallel to the surface water flow for the Naugatuck River, located immediately east of the site. No NAPL was detected in any of the gauged monitoring wells. A Groundwater Contour Map for the December 2010 monitoring event is provided as Figure 4. Based on the depth to water measurements and the well elevation survey, the following groundwater elevations were calculated:

Table 4
Groundwater Monitoring Well Elevation Survey Results

Well I.D.	Well Elevation (*top of casing*)	Depth to Groundwater (*fbtoc*)	Groundwater Elevation (*feet*)
MW101	189.68	14.03	175.65
MW102	189.98	13.54	176.44
MW103	190.55	15.18	175.37
MW104	189.26	12.65	176.61
MW105	188.12	11.40	176.72
MW106	190.91	14.26	176.65
MW107	188.98	12.32	176.66
MW108	189.38	12.69	176.69
MW109	190.72	13.47	177.25
MW110	187.22	10.36	176.86
MW111	190.71	13.16	177.55
MW112	179.93	4.07	175.86

Note: fbtoc=feet below top of casing

7.4 Soil and Sediment Analytical Results

AKRF monitored the installation of 50 direct-push soil borings (SB101 through SB150), 12 groundwater monitoring wells (MW101 through MW112), and 17 test pit excavations (TP01 through TP16, and TP03A). Selected soil sample intervals were analyzed for a variety of parameters as previously described. In addition, four sediment samples (Sump-1 through Sump-4) were collected from interior drainage sumps in the GDC building and analyzed. A summary of the number of soil samples collected and associated analyses is listed below:

- VOCs (25 samples);
- SVOCs (38 samples);
- SPLP SVOCs (4 samples);
- PAHs (5 samples);
- SPLP PAHs (11 samples);

- Total RSR 15 Metals (26 samples);
- Total Arsenic (13 samples);
- Total Lead (22 samples);
- Total Mercury (9 samples);
- Total Cyanide (24 samples);
- SPLP RSR 15 Metals (22 samples);
- SPLP Arsenic (9 samples);
- SPLP Lead (19 samples);
- SPLP Mercury (6 samples);
- PCBs (46 samples);
- ETPH (51 samples); and
- SPLP ETPH (1 sample).

Laboratory analytical results for the site soil and sediment analyses are summarized in Tables 5 through 12. Laboratory analytical results where detections were above CTDEP numeric criteria for RDEC and/or GBPMC (including historical samples collected by AER, GCI, and HRP) are depicted on Figures 5 and 6. PCB concentrations for all sampling locations are shown on Figure 7. Combined RSR exceedances with the proposed site development layout are shown on Figure 8. Complete soil/sediment analytical laboratory reports are provided in Appendix G.

The following sections provide a general description of the soil/sediment analytical results and the implications of the findings.

7.4.1 Volatile Organic Compounds

Consistent with field observations and PID screening, no VOCs were detected at or above the CTDEP RSR numeric criteria in any of the soil/sediment samples analyzed. Naphthalene was detected at a low concentration (0.19 mg/kg) in the sample collected from TP05 (2-4'), well below the GBPMC of 56 mg/kg. No other VOCs were detected at or above the laboratory reporting limits (RLs) in any of the other analyzed samples. Groundwater analytical results from this investigation and previous site investigation data are consistent with these results. VOC contamination does not appear to be an environmental remediation consideration at the site.

7.4.2 Semi-Volatile Organic Compounds

SVOCs, predominantly PAHs, were detected in 27 of the 43 samples analyzed, including 19 exceeding the RDEC and 15 samples exceeding the GBPMC. Eleven of the samples exceeding the GBPMC were also submitted for SPLP PAH analysis and compared to ten times the GWPC, as allowed in RSR Section 22a-133k-2(c)(2)(C). Benzo(a)anthracene and benzo(b)fluoranthene were detected in the sample collected from TP15 (0-2') at concentrations of 1.6 µg/l and 2.6 µg/l, respectively, exceeding 10x the GWPC of 0.6 µg/l and 0.8 µg/l, respectively. No other PAHs were detected above 10x the GWPC in any of the other samples submitted for SPLP PAH analysis and are, therefore, in compliance with the GBPMC. Based on these SPLP analyses, and previous site

investigation results of SPLP SVOCs, it is assumed that the majority of site wide SVOC contamination meets GBPMC requirements (i.e., including some sample locations that were not analyzed using SPLP to demonstrate compliance).

The SVOC RDEC exceedances were found in several identified AOCs, including the former railroad beds, which extend along the western side of the GDC building, along the northwestern portion of the property, an area of deep ash fill located north of the pump house in the northeastern portion of the property, and in numerous areas where building demolition debris/fill were noted. The depths of the exceeding soil samples ranged across nearly all intervals sampled [from surface grade to the groundwater interface (4 to 15 fbg)].

SVOCs were detected in three of the four sump sediment samples collected. One sample, Sump-3, contained concentrations in excess of CTDEP numeric criteria. The CTDEP RSRs do not apply to these samples, since they are not soil or groundwater, but indicate the potential for contamination at discharge locations and/or in areas surrounding these sumps. Low (below criteria concentrations) of ETPH were detected in a shallow soil sample, SB-119 (2-4'), collected adjacent to the drain where the elevated SVOCs were detected. SVOCs were not analyzed at this location.

7.4.3 Metals

Laboratory analyses of heavy metals included Total and SPLP RSR 15 metals (Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, and Zinc) and Total Cyanide to assess RDEC and GBPMC compliance. The 4 interior building sump/drain sediment samples, and 22 samples collected from test pit excavations were analyzed for all 16 metals listed above. Soil boring samples collected for analysis assessed Lead concentrations with some boring samples also selected for Arsenic, Cyanide and Mercury analysis due to previous detections of these metals and/or targeted AOC/COC evaluation. All of the metals analyses included both mass and SPLP analyses except for Cyanide, which was evaluated using only mass analysis.

Total Arsenic exceeded the RDEC in three of the analyzed samples, including two which exceeded twice the standard of 10 mg/kg. These detections were located in shallow soil in the railroad bed area west of the GDC building, and in deeper ash fill areas under the southern end of the GDC building and in the area north of the pump house, within the former canal.

Total Lead exceeded the RDEC in 13 collected samples. The majority of these exceedances occurred in the deep ash fill area north of the pump house and also included building demolition debris/fill areas in the southern portion of Parcel B. One drainage sump sediment sample also contained Lead exceeding the RDEC.

SPLP Lead exceeded the GBPMC in six samples, including the deep ash fill area north of the pump house and building demolition debris/fill areas in the southern portion of Parcel B. Pursuant to RSR Sections 22a-133k-2(e)(2)A)(iii), compliance with the PMC may be achieved when the 95% upper confidence limit (95% UCL) of the arithmetic mean of all the samples from a release area is equal to or less than the PMC, provided that no single sample exceeds twice the PMC. Based upon the sampling data collected from the former manufacturing building AOC (not inclusive of the pump house ash fill area), all 24 samples were used to calculate the 95% UCL using EPA Pro-UCL software using the

Bootstrap Resampling nonparametric statistical method. The calculated 95% UCL was 65 µg/l, below the GBPMC of 150 µg/l. SPLP Lead was, therefore, determined to be in compliance with the GBPMC for all areas outside the pump house ash fill AOC.

SPLP Vanadium was detected just above the GBPMC in one soil sample collected from a test pit in the ash fill area north of the pump house (TP12 6-8'). Lead and Vanadium concentrations detected in ash deposits (TP12 6-8') are exempt for PMC pursuant to RSR Section 22a-133k-2(c)(4)(C).

7.4.4 Polychlorinated Biphenyls

PCBs were detected in 17 soil/sediment samples, including 5 samples which exceeded the RDEC of 1 mg/kg, and 2 samples (less than 1 mg/kg), which were collected from sumps/drains inside the GDC building. Other than the sediment sample detections, PCBs were detected in ash and building debris fill materials on Parcel B. One sample contained PCBs (Aroclor 1242) at a concentration of 47 mg/kg, and was located in the deep ash fill area north of the pump house (TP-15 6-8'). Although numerous additional samples were collected from this area and analyzed for PCBs, none contained concentrations above the RDEC of 1 mg/kg. The remaining four exceedances ranged from 1.13 mg/kg to 2.7 mg/kg (Aroclors 1248 and/or 1254) and were located in building demolition debris in the southern half of Parcel B.

Although no SPLP PCBs analyses were conducted, it is presumed that all mass analyzed samples with concentrations less than 2 mg/kg will meet GBPMC criteria using SPLP analysis. SPLP PCB analysis should be completed as confirmation sampling at the time of remediation. PCB concentrations detected in ash deposits (TP15 6-8') are exempt for PMC pursuant to RSR Section 22a-133k-2(c)(4)(C). Since there is no available information to rule out a less than 50 ppm source of the PCB release, or information to indicate a pre-April 18, 1978 release at the TP15 location, the Toxic Substance Control Act (TSCA) would apply to this release. TSCA requirements are discussed in Section 12.2.1.2. PCB sample locations and concentrations are shown on Figure 7.

7.4.5 Extractable Total Petroleum Hydrocarbons

ETPH was detected in 37 of the samples analyzed, including 13 samples exceeding the RDEC. Three of the exceeding samples were collected from sumps/drains inside the GDC building, and one was collected from soil under the northeastern portion of the building, SB-118 (6-8'), adjacent to the one drain where a sediment sample contained very low ETPH concentrations (Sump-2).

ETPH RDEC exceedances were detected in the former rail bed, west of the GDC building, the fill areas north of the pump house, and in the building demolition debris fill materials in the southern portion of Parcel B.

ETPH concentrations meet the PMC based on the mass concentrations (less than 2,500 mg/kg) or by SPLP analysis, indicating compliance.

7.5 Groundwater Analytical Results

AKRF collected groundwater samples from the 12 newly installed groundwater monitoring wells (MW101-MW112) and from 2 wells previously installed on the site by HRP (MW2 and MW5). Groundwater samples were collected using low-flow sampling methods and analyzed for the following:

- VOCs;
- PAHs;
- Total RSR 15 Metals;
- Cyanide;
- PCBs; and
- ETPH.

Laboratory analytical results for the groundwater analyses are summarized in Tables 13 through 17. Complete groundwater laboratory analytical data packages are provided in Appendix H.

The following report sections provide a general description of the groundwater analytical results and the implications of the findings.

7.5.1 Volatile Organic Compounds

VOCs were detected in 10 of the 14 groundwater monitoring wells at concentrations well below CTDEP numeric criteria. Constituents included four chlorinated solvents detected from slightly below 1 µg/l to 4.6 µg/l in 6 wells, including MW108, MW109, MW110, and MW5 (all located in the northern half of Parcel B), MW104 (located in the southern portion of Parcel B), and MW103, located off the southeastern corner of the GDC building on Parcel A. Chlorinated solvent contamination has been documented in groundwater off-site, on Parcel C to the north, and hydrologically upgradient of the site. No on-site source of chlorinated solvents was identified during the soils investigation.

Freon 113 (also a chlorinated compound) was detected at a concentration of 1.1 µg/l in MW104. There is no CTDEP numeric criteria published for this compounds although a "*very conservativ*e" concentration of 10 µg/l was provided for an Industrial/Commercial Groundwater Volatilization Criteria for a site specific use in the CTDEP Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria (*CTDEP, October 2005*).

Chloroform, a potential laboratory cross-contaminant, and also potentially from treated public water supply, was detected at concentrations from 0.67 µg/l to 5.1 µg/l in five wells along the southern and eastern portions of Parcel B, and the northeastern portion of Parcel A. All of the wells where chloroform was detected are located along or near former right-of-ways containing public water supply lines. A water line was ruptured during the installation of MW2 (HRP), where the highest concentration was detected.

Low concentrations of four aromatic hydrocarbons (petroleum-based) were detected in MW112, where apparent petroleum impacts were noted during soil screening of this and other nearby borings located off the northeastern portion of the GDC building. All concentrations were below RSR criteria.

Methyl-tert-butyl-ether (MTBE), a highly miscible gasoline additive, was detected in two wells, MW2 and MW103, at concentrations of 1.1 µg/l and 3.4 µg/l, respectively, below RSR criteria. Both wells are located along the eastern side of Parcel A (GDC building). The detection of this compound could be related to an off-site source or from incidental (de minimis) fuel releases from vehicles. Due to the ubiquitous nature of MTBE in the environment, and the relatively low concentration detected on the property, this does not appear to be a remediation concern for the site and further investigation is not warranted.

7.5.2 Polycyclic Aromatic Hydrocarbons

No PAHs were detected in any of the groundwater samples collected at or above the laboratory RLs, although they were detected in numerous soil samples. The lack of dissolved-phase PAHs attests to the relatively low leachablity of those compounds detected in soil.

7.5.3 Metals

One of the 14 wells, MW110, contained Lead and Zinc at concentrations of 48 µg/l and 470 µg/l, respectively, exceeding the SWPC of 13 µg/l and 123 µg/l. MW110 is located just west of the pump house and within/downgradient of the deep ash fill area containing heavy metals and other contaminants in soil. The source of the metals contamination is likely the deep ash/fill material identified in this area.

Ten of the remaining wells contained Barium at concentrations ranging from 78 µg/l to 210 µg/l, and one well (MW5) contained Antimony at 7.3 µg/l, all well below CTDEP criteria. No other metals were detected in any of the sampled wells at or above the laboratory RLs.

7.5.4 Polychlorinated Biphenyls

No PCBs were detected in the site groundwater samples analyzed. The lack of dissolved-phase PCBs attests to the relatively low leachablity of those compounds detected in soil.

7.5.5 Extractable Total Petroleum Hydrocarbons

ETPH was detected in seven of the groundwater monitoring wells at concentrations ranging from 0.082 mg/l in MW2 to 0.380 mg/l in MW112. The highest detection was at MW112, located in the former benzene/naphthalene storage area, where field screening indicated the presence of petroleum contamination in soils. In general, it was also found in the central and northern portions of Parcel B. There is no CTDEP numeric criterion for ETPH in GB Groundwater areas. The GWPC (applicable to GA Groundwater areas) is 0.1 mg/l.

8.0 DATA QUALITY ASSESSMENT AND DATA USABILITY EVALUATION

A Data Quality Assessment (DQA) and Data Usability Evaluation (DUE) were performed on the data generated during the investigation of the GDC site. The goals for the investigation were to determine whether the historical site uses had resulted in contamination in the soil and/or groundwater and develop possible remedial alternatives for the site. The results were compared to the default, numeric criteria of the RSRs, as discussed in Section 5.0. The purpose of the DQA/DUE is to ensure that the collected data is of a known and sufficient level of quality, and to evaluate the usability of the data in relation to its intended purpose.

The DQA and DUE were performed for the data generated in accordance with CTDEP guidance. The results of the DQA identified several QA/QC issues for COCs at the site. The major issues were related to surrogate recoveries, MS/MSD results, laboratory control samples and laboratory control sample duplicates (LCS/LCSDs), and elevated reporting limits. The majority of the QA/QC nonconformances resulted in potential low bias for reported analytical results.

The DUE was performed using the results of the DQA in conjunction with the analytical results for the soil and groundwater samples, the comparison of these results to applicable CTDEP RSR criteria, the entire data set for the investigation, the CSM for the investigation areas (taking into account the potential release mechanisms, transport pathways and characteristics, and the observed distribution of contamination), along with the overall goals of the investigation. A discussion of field QA/QC sample results is included below.

8.1 Duplicate Samples

Two duplicate soil samples and one duplicate groundwater sample were collected and submitted for analysis. A Relative Percent Difference (RPD) value was calculated for the duplicate and is shown as follows:

RPD= {(A-B)/[(A+B)/2]} x 100

where:

A=total concentration of detected compounds in original sample

B=total concentration of detected compounds in duplicate sample

The RPD values for each duplicate sampling event were calculated as follows:

8.1.1 Soil Borings

GDC-SB-123 (9-1) and GDC-SB-123B (9-11)

Total Lead

RPD={(3.2-2.6)/[(3.2+2.6)/2]}x100 = 21%

No VOCs, SVOCs, Arsenic, Mercury, or ETPH were detected in either sample.

GDC-TP-14 (7-9) and GDC-TP-14B (7-9)

Total Metals

RPD={(70.8-81.9)/[(70.8+81.9)/2]}x100 = 14%

SPLP Metals

RPD={(0-12.5)/[(0+12.5)/2]}x100 = 200%

ETPH

RPD={(60-69)/[(60+69)/2]}x100 = 14%

No VOCs, SVOCs, or PCBs were detected in either sample.

8.1.2 Groundwater

GDC-MW-102 and GDC-ME-102B

No VOCs, PAHs, Metals, PCBs, or ETPH were detected in either sample.

With the exception of the soil sample duplicate for total metals (200%), the calculated RPDs were within the RCP acceptance criteria. The elevated RPD may be attributed to a relatively low concentrations detected in the duplicate sample (just above the detection limit for chromium and lead), or the heterogeneity of the sample. As a conservative approach, the higher concentration may be used for compliance determination.

8.2 Sample Blanks

8.2.1 Trip Blanks

Laboratory prepared trip blanks were also analyzed with each sample shipment to determine the potential for cross-contamination during sample preparation, collection, and analysis. Trip blanks were submitted with the sample shipments and analyzed for VOCs according to EPA Method 8260B. No VOC analytes were detected in any of the submitted trip blanks.

8.2.2 Equipment Blanks

Field sampling equipment blanks were also prepared for all non-dedicated sampling equipment (e.g., split-spoons, stainless steel collection bowls, trowels). Blanks were collected by pouring distilled water over decontaminated sampling equipment before collection in laboratory-provided sampling glassware. Equipment blanks were collected upon completion of the soil boring and test pit activities and submitted for the following analyses:

- VOCs according to EPA Method 8260B;
- SVOCs according to EPA Method 8270C;
- Total RSR 15 Metals according to EPA Methods 6020 and 7470;
- Total Cyanide according to EPA Method 9014;
- PCBs according to EPA Method 8082; and
- ETPH according to the CT ETPH Method.

No analytes were detected at or above the laboratory RLs in all three of the field equipment blanks collected.

8.3 Laboratory QA/QC Reports

Laboratory Analysis QA/QC Certification Forms were provided for the soil and groundwater batches in accordance with the RCPs. The forms indicated compliance with RCPs and provided case narratives with regard to method deviations. Pertinent DUE findings presented by individual laboratory report are provided in Appendix I.

8.4 Conclusions

Based upon a review of the provided QA/QC reports, duplicate results, and a review of the laboratory report case narratives, all the laboratory data generated appears valid and usable. The locations where elevated concentrations of contamination were detected are consistent with the CSM. ETPH and PAH concentrations were located in the former railbed areas, elevated metals and PCBs were located in areas of contaminated ash fill, and various COCs were detected with the demolition/building debris from the former factory buildings on-site. The analytical data are of adequate quality and of sufficient accuracy, precision, and sensitivity to determine compliance with RSR criteria and evaluate remediation alternatives.

9.0 SCREENING LEVEL ECOLOGICAL RISK ASSESSMENT

According to the CTDEP Endangered or Threatened Species Map for the Borough of Naugatuck, there are no mapped species on the site or adjacent properties. The Naugatuck River is located immediately east of the site and the Longmeadow Brook, a tributary of the Naugatuck River, runs east to west, beneath the GDC building, in a culverted channel before discharging to the Naugatuck River. Only one on-site well (MW111) had SWPC exceedances, and none of the downgradient points (i.e., wells located immediately upgradient or cross-gradient of the property boundary) had any SWPC exceedances for any sampled parameters. Historic discharges to the Naugatuck River and Long Meadow Brook are likely to have occurred. Soil samples were collected from former drainage canals where contaminated discharges would have occurred. Sediments could be affected from historic on-site and off-site discharges to both waterways. Due to the industrial nature of the area, the environmental quality has been likely degraded as evidenced by the CTDEP Class B designation for the Naugatuck River. Based upon the existing soil and groundwater data collected, combined with the existing site setting and adjacent ecological habitat, the potential for sediment and/or surface water remediation is considered to be low.

10.0 REVISED CONCEPTUAL SITE MODEL

10.1 Introduction

The CSM is fundamental to describing the contaminant fate and transport at a site. The CSM qualitatively defines the various contaminant sources, release mechanisms, relative rates of migration and persistence, and migration pathways for contaminants at the site. The CSM is used to evaluate potential and/or actual sources, release mechanisms and exposure pathways.

It appears that site contamination has predominantly resulted from historic filling activities (building/construction debris, ash fill). The source of the shallow ETPH and Metals contamination throughout the center of site (southern portion of Parcel B) may be associated with former rubber manufacturing operations at the site. The localized PCB (Arochlor 1242) and Lead contamination in the vicinity of the flood control pump house is believed to be associated with contaminated ash fill deposits noted during the site investigation. Other areas of shallow ETPH and PAH contamination correlates to the former railroad bed ballast along the western side of Parcel A.

The site has a significant industrial history dating from the 1860s until circa 1985. Primarily, the site manufactured rubber goods including shoes, sneakers, and gloves. Several companies operated at the site including the Goodyear India Rubber Glove Manufacturing Company, Goodyear Metallic Rubber Shoe Company, United States Rubber, and Uniroyal, Inc. Goodyear/U.S. Rubber/Uniroyal facilities operated in several areas of Naugatuck, including those contiguous with the site to the west, and across Maple Street to the north. Numerous buildings, structures, drainage ways and utilities serve, or have served the various industrial activities at the site. Activities/locations on the site have included, grinding, milling, vulcanizing, varnishing, an acid house, a paint shop, a lacquer house, benzene storage, naphthalene storage, rail lines and spurs, canals, machine shops, a battery shop, a tin shop, laboratories, mechanical/electrical equipment, three boiler houses, and site maintenance facilities. Potential contamination of soil and groundwater could have resulted from spillage and/or disposal of contaminants at, or to, these use areas and locations. The inferred groundwater flow at the site is generally to the south, parallel to the surface water flow of the adjacent Naugatuck River.

The AOCs, along with the contaminant sources, release mechanisms, migration pathways, and completed soil and groundwater investigations are summarized in Table 18.

10.2 Contaminants of Concern

The COCs include total PAHs, ETPH, total and SPLP Lead, Arsenic, and Vanadium, and PCBs. Available records indicate that these compounds are consistent with chemicals or materials that have been used historically at the site or are reasonably presumed to have been used during various site operations. These COCs would be, therefore, potentially associated with leaks or spills from areas of operation within the former site buildings (e.g., hydraulic lifts, machinery, floor drains, chemical AST/USTs), building demolition debris, the generation of ash from combustion activities, and historic filling operations. The COCs for each AOC are summarized in Table 18.

10.3 Release Mechanisms

A contaminant release mechanism is any process that results in migration of contamination from a source into the immediate environment. In many cases, water or other liquids may carry the contaminants vertically and laterally in the vadose zone and to the saturated zone. Once at the

saturated zone, contaminants may be transported by advective flow, dispersion, or diffusion. Both groundwater and surface water could be contaminated by the migration.

Stormwater runoff that enters contaminated soil through open areas in the pavement or unpaved areas could transport contaminants through the soil, resulting in the potential for contamination of soil, groundwater, and surface water.

The release mechanisms for contaminants at this site would be incidental spills, direct industrial discharges, and placement of contaminated ash and building debris materials. Once released, contaminants enter into the subsurface though cracks/fissures/seams or other common irregularities in the pavement or concrete, or directly to the subsurface as a result of in-ground failures or direct deposition.

Field observations have indicated that the site is underlain by fine to coarse sand and gravel, with fine gravel layers in the areas of the former drainage canals. Dissolved-phase concentrations of contaminants were low to non-detect for all parameters sampled, with the exception of metals in MW110, located within the contaminated ash layer adjacent to the pump house. The lack of dissolved-phase contaminants attests to the relatively low leachability of those compounds detected in soil. Contaminant sources, release mechanisms, and migration pathways for each identified AOC, along with a summary of investigations completed, are summarized in Table 18.

10.4 Release Areas

10.4.1 Former Railroad Beds

Shallow soil contamination adjacent to the west of the GDC building, in the former railroad beds, is likely due to the placement of contaminated railroad ballast observed to a depth of 2 to 3 fbg. Historic site information and visual observations indicate the presence of railroad beds along the western side of the GDC building, extending from the southern parcel boundary to the northern parcel boundary. Remnants of rail lines are currently present and it is assumed that some rail ties are also located in this area. Site investigation results indicate the presence of rail bed-related contaminants from 0-2 fbg and visual evidence of rail bed materials to a depth of up to 3 feet below grade. It is assumed that contamination associated with the former rail lines extends from the building west to the western site boundary.

Contaminants in soil are expected to be the result of rail car equipment leakage, rail car maintenance, and payload spills, and the leaching of contaminants from the creosote-soaked rail ties. Vertical migration of contaminants through soil are expected to be minimal due to the relative low leachability of the contaminants detected.

10.4.2 Below Existing Structure

Areas below the GDC building were investigated to assess the presence of contamination resulting from the potential leaking hydraulic loading dock lifts, interior drainage sumps, and former canals. Contamination in excess of numeric criteria identified beneath the building appears to be the result of fill materials or discharges potentially associated with former canal beds. Contaminated ash/fill within a former canal and direct industrial discharges (petroleum-based) to the canal are evident.

10.4.3 Ash Fill Area

PCBs were found in ash and building debris fill materials on Parcel B. One sample contained PCBs (Aroclor 1242) at a concentration of 47 mg/kg and was located in the

deep ash fill area north of the pump house (TP15, 6-8 feet). Although numerous additional soil samples were collected from this general area and analyzed for PCBs, none were detected above 1 mg/kg. The remaining four exceedances ranged from 1.13 mg/kg to 2.7 mg/kg (Aroclors 1248 and 1254) and were located in building demolition debris in the southern half of Parcel B.

For electrical equipment manufacturing in the USA, Aroclor 1260 and Aroclor 1254 were the main mixtures used before 1950; Aroclor 1242 was the main mixture used in the 1950s and 1960s until it was phased out in 1971 and replaced by Aroclor 1016.

There is no available information to rule out a less than 50 ppm source area or pre-April 18, 1978 release of PCBs at the TP15 (6-8') location, therefore, based on the current understanding of this release, TSCA regulations would apply. PCBs in the southern half of Parcel B consist of different Aroclors, at much lower concentrations, and are apparently associated with building debris. These detections/area are concluded to be non-TSCA regulated.

Historic site information indicates that PCBs were used on the property for various purposes (e.g., transformers, machinery oil, dielectric fluid); however, the exact locations and types of machinery/processing uses were not ascertainable. Multiple samples collected from the immediate vicinity of the detected PCBs did not indicate widespread, elevated PCB contamination. It is presumed that SPLP analysis of the low-level PCB detections will result in PMC compliance. The area where the elevated PCBs were detected (TP15 6-8', 47 mg/kg) is presumed to be a separate source than the other PCBs detected on the property due to the ash fill material and unique Aroclor (1242) detected. In addition, elevated levels of Lead concentrations were also noted in this area, likely associated with the contaminated ash fill. Soil borings installed around the PCB exceedance were successful in delineating the ash deposits within the former canal beds.

10.4.4 Former Manufacturing Building Areas

Metals, PAH, and ETPH contamination is present throughout Parcel B, in the areas of former rubber manufacturing and processing buildings. Large amounts of building debris (e.g., brick, concrete, metal, wood) were encountered throughout the former building footprints intermixed with subsurface soils, and concrete slabs were encountered between 6 and 8 fbg. The majority of Parcel B was previously covered by industrial buildings demolished circa 1985. Low levels of PCBs were detected in multiple locations throughout Parcel B. Generally, subsurface soils within Parcel B exceed CTDEP numeric cleanup criteria. Due to the heterogeneity of the subsurface conditions and the past on-site industrial operations, it is not possible to rule out soil contamination at other locations on this parcel.

A summary of Phase II/III investigation results for each identified AOC is included in Table 19. Based on the site investigation completed to date, a review of the soil and groundwater analytical data, a revised CSM summary, identifying the extent of releases, summaries of environmental impacts, and identification of additional measures to be completed for each AOC is provided in Table 20.

11.0 RECOMMENDATIONS

Based on the findings and conclusions of the Phase II/III assessment, the following recommendations for future assessment, remediation and development are provided:

- Appropriate RCRA closure of the formerly utilized hazardous waste storage shed located southwest of the GDC building should be completed. The specific quantities and waste storage timeframes associated with the shed have not been ascertained. GDC should internally assess their obligations regarding the appropriate "closure" of this hazardous waste storage unit (greater than 90-day storage or less than 90-day storage) and such closure should be completed prior to any transfer of the property.
- TSCA compliant assessment and remediation appears to be required for a PCB-contaminated fill area located to the north of the pump house. Coordination with the regulatory agency for the appropriate assessment and remediation of this area is recommended to further refine the site assessment and remediation scenarios.
- The site is an "establishment" as defined by the Connecticut Property Transfer Act (CT PTA), it is subject to compliance with the Connecticut Remediation Standard Regulations (RSRs) pursuant to the Regulations of Connecticut State Agencies (RCSA) Sections 22a-133k-1 through 22a-133k-3. As such, the Certifying Party would be subject to completing any and all Phase II investigations within a period of 2 years following the sale of the property, and initiating remediation activities within 3 years, regardless of the intended site usage. Compliance activities, including remediation, will be triggered upon transfer of the property or upon entering the Voluntary Remediation Program.
- An Ecological Risk Assessment may be necessary to fully characterize the current surface water and sediment quality conditions in the adjacent waterways and assess the risk of potential affected surfacewater and sediment to the aquatic, benthic, and terrestrial receptors for the identified on-site contaminants. Additional sediment, soil, and surface water sampling should be conducted to supplement the existing data and identify/define the limits of potential affected areas. The information will be used to identify complete exposure pathways that may exist at the site. Based upon the existing soil and groundwater data collected, combined with the existing site setting and adjacent ecological habitat, the potential for sediment and/or surface water remediation is considered to be low.
- Since the site has been investigated using USEPA Brownfields Assessment Grant Funds, it is in a good position to receive USEPA Brownfield Clean-up Program funding in the future; however, given the size of the property and the scope of required remediation, and the fact that these funds can only be received by a municipality, it is suggested that the Borough consider acquiring a portion of the property for remediation and development. Subdividing the property will increase the amount of remediation funds it could be eligible for in the future, since clean-up grants are parcel specific.

12.0 REMEDIAL ACTION PLAN

The following is a description of the remedial action plan by AOCs where a release has been documented. AOCs and remediation plans are grouped by Parcels A and B. Analytical data were discussed previously in this report.

12.1 Parcel A

12.1.1 Former Railroad Beds

PAH and ETPH contaminated soils were found in the area of the former railroad beds located along the western side of the GDC Building. Based on field observations and analytical results, the contaminated rail ballast extends to a depth of approximately 2 to 3 fbg. It is presumed that the RDEC exceedances extend the full length of the western portion of Parcel A.

12.1.1.1. Conceptual Site Model

Historic site information and visual observations indicate the presence of railroad beds located along the western side of the GDC building, extending from the southern parcel boundary to the northern parcel boundary. Remnants of rail lines are present currently and it is assumed that some rail ties are also located in this area. Site investigation results indicate the presence of rail bed-related contaminants from 0-2 fbg and visual evidence of rail bed materials to a depth of up to 3 fbg. It is assumed that contamination associated with the former rail lines extends from the building west to western site boundary.

Contaminants in soil are expected to be the result of rail car equipment leakage, rail car maintenance, and payload spills, and the leaching of contaminants from the creosote-soaked rail ties. Vertical migration of contaminants through soil are expected to be minimal due to the relative low leachability of the contaminants detected.

Remedial Alternatives

Remedial alternatives for the railroad bed-contaminated area are limited since it is shallow contamination, whereby fill would need to be imported to render the contaminated soil inaccessible to comply with the DEC. In addition, the remediation scenario considers the redevelopment of the existing GDC building and the use of the rail bed area as landscaping or paved parking. Therefore, the removal of the material appears to be the only remedial alternative.

Remediation Process and Costs

Although excavation to two feet of soil/fill material and the placement of three inches of asphalt would render the contamination inaccessible, excavation to three feet (entire bed) is assumed, since some of the area may consist of grass or landscaping, and to avoid the pavement, maintenance and ELUR requirements for the area. The quantity of contaminated soil, based on available data is estimated as follows:

580 feet x 45 feet x 3 feet x 1 cy/27 cf x 1.5 tons/cy = 4,350 tons

The process by which remediation should occur is as follows:

- Complete pre-remedial investigation to confirm limits of contamination prior to bidding the project and to verify CSM.

- Establish soil erosion and dust control measures. Air quality monitoring may be required to confirm dust mitigation measures.
- Remove asphalt and stockpile for recycling.
- Excavate contaminated soil and mixed debris. Final excavation limits will be determined in field by an LEP and by soil confirmation chemical analysis results.
- Segregate rail ties and rail lines from excavated materials.
- Establish soil and debris stockpiles on-site in accordance with this RAP.
- Contractor to conduct any additional soil analysis as may be required by disposal facility.
- Collect confirmation soil samples and submit for analysis of ETPH, PAHs, PCBs, Lead, and Arsenic
- Transport, dispose of and/or recycle excavated materials.
- Site Backfill and Restoration. Compaction to developer's specification.

The estimated cost is $500,000, as summarized in Table 21.

12.1.2 Below Existing Structure

Areas below the building were investigated to assess the presence of contamination resulting from the potential leaking hydraulic loading dock lifts, interior drainage sumps, and former canals.

12.1.2.1. Conceptual Site Model

Contamination in excess of numeric criteria identified beneath the building appears to be the result of fill materials or discharges potentially associated with former canal beds. Contaminated ash/fill within a former canal and direct industrial discharges (petroleum-based) to the canal are evident.

12.1.2.2. Remedial Alternatives

Arsenic exceeded RDEC at SB104 and ETPH exceeded RDEC at SB118, both below the existing structure. These locations can be in compliance by rendering the soil inaccessible, below the existing structure, with an appropriate ELUR.

12.1.2.3. Remediation Process and Costs

Establish an ELUR requiring that the building must remain in place to render contaminated soil inaccessible. Should the building be removed in the future, these soils would require a revised RAP prior to excavation and disposal. Administration and consulting fees associated with of ELUR is approximately $10,000.

12.2 Parcel B

12.2.1 PCB Release

PCBs were found in ash and building debris fill materials on Parcel B. One sample contained PCBs (Aroclor 1242) at 47 mg/kg and was located in the deep ash fill area north of the pump house (TP15, 6-8 feet). Although numerous additional soil samples were collected from this general area and analyzed for PCBs, none were detected above 1

mg/kg. The remaining four exceedances ranged from 1.13 mg/kg to 2.7 mg/kg (Aroclors 1248 and 1254) and were located in building demolition debris in the southern half of Parcel B.

For electrical equipment manufacturing in the USA, Aroclor 1260 and Aroclor 1254 were the main mixtures used before 1950; Aroclor 1242 was the main mixture used in the 1950s and 1960s until it was phased out in 1971 and replaced by Aroclor 1016.

There is no available information to rule out a less than 50 ppm source area or pre-April 18, 1978 release of PCBs at the TP15 (6-8') location, therefore, based on the current understanding of this release, the Toxic Substance Control Act (TSCA) would apply. PCBs in the southern half of Parcel B consist of different Aroclors, at much lower concentrations, and are apparently associated with building debris. These detections/area are concluded to be non-TSCA regulated.

12.2.1.1. Conceptual Site Model

Historic site information indicates that PCBs were used on the property for various purposes (e.g., transformers, machinery oil, dielectric fluid); however, the exact locations and types of machinery/processing uses were not ascertainable. Multiple samples collected from the immediate vicinity of the detected PCBs did not indicate widespread, elevated PCB contamination. It is presumed that SPLP analysis of the low-level PCB detections will result in PMC compliance. The area where the elevated PCBs were detected (TP15 6-8', 47 mg/kg) is presumed to be a separate source than the other PCBs detected on the property due to the ash fill material and unique Aroclor (1242) detected. In addition, elevated levels of Lead concentrations were noted in this area, likely associated with the contaminated ash fill. Soil borings installed around the PCB exceedance were successful in delineating the ash deposits within the former canal beds.

12.2.1.2. Remedial Alternatives

TSCA requires additional site characterization in accordance with TSCA Self Implementing Cleanups CFR 761.61(a)(2) and 761.265. This includes a three meter sampling grid around TP-15. In accordance with 761.61(a)(3), a written notification to USEPA is required providing a summary of the PCB sampling and analysis data, the location and extent of contamination, the cleanup plan, and a written certification by the property owner and the cleanup contractor regarding other TSCA requirements.

Depending on the findings of the additional required TSCA investigation and the quantity of PCB contamination, the remediation method could be soil excavation and disposal at a TSCA-approved facility or construction of a TSCA-compliant cap.

12.2.1.3. Remediation Process and Costs

Excavation and disposal of contaminated soil has been assumed as the selected remedial alternative, subject to change based on additional site characterization data. The quantity of contaminated soil, based on available data, is estimated as follows:

50 feet x 50 feet x 10 feet x1 cy/27 cf x 1.5 tons/cy =1,388 tons

The remediation process is as follows:

- Conduct additional site characterization in accordance with TSCA.

- Prepare and submit a report to USEPA and CTDEP that summarizes the site characterization and remediation plans.
- Obtain USEPA comments and approval.
- Conduct PCB soil remediation and disposal in accordance with TSCA.
- Collect confirmation soil sampling and analysis in accordance with TSCA.
- Submit a remediation summary report to CTDEP and USEPA.

The estimated cost is $435,000, as summarized in Table 22.

12.2.2 Remaining Parcel B Area

12.2.2.1. Conceptual Site Model

The majority of Parcel B was previously covered by industrial buildings demolished circa 1985. Site investigations indicate that building materials (e.g., brick, concrete, wood) are present, intermixed with subsurface soils. Generally, subsurface soils within Parcel B exceed CTDEP numeric cleanup criteria. Due to the heterogeneity of the subsurface conditions and the past on-site industrial operations, it is not possible to rule out soil contamination at other locations on this parcel.

12.2.2.2. Remedial Alternatives

Option 1-Excavation/Screen and Disposal of Contaminated Soil and Solid Waste

The approximate dimensions of Parcel B are 1,100 feet x 350 feet. The depth of debris varies, but 8 feet was used for this estimate since the majority of the building slabs were encountered between 6 and 8 fbg. This is approximately 114,000 cubic yards of material, or 171,000 tons.

Option 2-Construct Buildings and Engineered Control Cap

This alternative consists of removing contaminated soil and unsuitable debris below proposed structures, constructing the structures over any residual contaminated soil, and construction of an engineered control cap over the remainder of the parcel. Preliminary development plans indicate mixed-use building footprints of approximately 70,000 square feet. The remainder of Parcel B (approximately 315,000 square feet) would consist of the engineered control cap. The required material excavation below structures is estimated at 70,000 square feet x 8 feet or 20,700 cubic yards (31,100 tons).

Constructing buildings over soil contamination is considered rendering the soil environmentally isolated per the RSRs provided that:

- The soil is not a continuing source of pollution.
- The soil is not polluted with VOCs.
- The soil contamination is located above the seasonal high water table.

A structure also renders the underlying contaminated soil inaccessible soil, per the RSRs.

The PMC does not apply to environmentally isolated soils and the DEC does not apply to inaccessible soils. These two exemptions require the implementation of an ELUR preventing demolition of the building.

An *engineered control* cap may be feasible for the remainder of soil contamination and debris on Parcel B, subject to approval by CTDEP. The engineered cap approval and technical requirements are specified in the RSRs and *Engineered Controls Guidance Document*, dated November 2010. An engineered control is appropriate if:

- The Commissioner authorized the disposal of solid waste or polluted soil;
- Soil remediation is not technically practicable;
- Removal of such substance or substances from a release area would create an unacceptable risk to human health; or
- The Commissioner has determined, after public input, the cost of remediating the polluted soil is significantly greater than the cost of installing and maintaining an engineered control and outweighs the risk if the *engineered control* fails. (this provision is potentially applicable)

Per the RSRs, the engineered cap design is required to:

- Physically isolate the polluted soil;
- Minimize migration of liquids through the soils;
- Function with minimum maintenance;
- Promote drainage and minimize erosion;
- Accommodate settling of the underlying soil so as to maintain its structural integrity;
- Have a permeability of less than 10^{-6} cm/sec;
- Have plans for groundwater monitoring;
- Provide Maintenance Plans;
- Have an ELUR in effect to ensure the integrity of the cap; and
- Have surety in form and amount approved by CTDEP.

12.2.3 Remediation Process and Costs

Option 1-Excavation/Screen and Disposal of Contaminated Soil and Solid Waste

The following components comprise this alternative:

- Establish soil erosion and dust control measures. Air quality monitoring may be required to confirm dust mitigation measures;
- Establish on-site debris screening equipment and process. Screen to specifications of the disposal facility;
- Excavate contaminated soil and mixed debris. Final excavation limits determined in the field by an LEP and by soil confirmation chemical analysis results;
- Establish soil and debris stockpiles on-site in accordance with this RAP;
- Contractor to conduct any additional soil analysis as may be required by the disposal facility;
- Support existing utilities, adjacent buildings, adjacent roadways, and rail embankment as required;

- Collect confirmation soil samples to be analyzed for ETPH, PAHs, PCBs, Arsenic, and Lead;
- Site Backfill and Restoration. Compaction to developer's specification; and
- An ELUR may be required for DEC compliance if confirmation samples exceed RDEC.

The estimated cost is $19,000,000, as summarized in Table 23.

Option 2-Construct Buildings and Engineered Control Cap

The following components comprise this alternative:

- Establish soil erosion and dust control measures. Air quality monitoring may be required to confirm dust mitigation measures;
- Establish on-site debris screening equipment and process. Screen to specifications of the disposal facility;
- Excavate contaminated soil and mixed debris below buildings and from within utility excavation areas (can be completed when utilities are installed). For the purposes of this evaluation, a building(s) footprint of 70,000 square feet and an average excavation depth of 8 feet is assumed. Final excavation limits determined in the field by an LEP and by soil confirmation chemical analysis results;
- Establish soil and debris stockpiles on-site in accordance with this RAP;
- Contractor to conduct any additional soil analysis as may be required by the disposal facility;
- Support existing utilities, adjacent buildings, adjacent roadways, and rail embankment as required;
- Collect confirmation soil samples to be analyzed for ETPH, PAHs, PCBs, Arsenic, and Lead;
- Site Backfill and Restoration. Compaction to developer's specification;
- Install engineered control (315,000 square feet). Remove and dispose of top two feet of soil (35,000 tons). Place 40-mil liner with an underlying sand layer. Place one foot of overlying subbase (17,500 tons). *Pavement or topsoil/ grass are considered part of site development costs and are not included in the remediation estimate.*; and
- An ELUR will be required for the engineered control cap and for residual contaminated soil below buildings.

The estimated cost is $ 8,200,000, as summarized in Table 24.

12.3 Plan Summary

A summary of estimated remediation costs is provided below in Table 25.

Table 25
Summary of Estimated Remediation Costs

Parcel	Capital Cost	Annual Cost
Parcel A		
Railroad Beds	$500,000	$19,000
Below Existing Structure	$10,000	-
Hazardous Waste Storage RCRA Closure	$6,000	-
Parcel B		
PCB Release	$435,000	-
Excavate/Screen and Dispose of Contaminated Soil and Solid Waste	$19,000,000	$50,000
Construct Building and Engineered Control Cap	$8,100,000	$50,000
Parcels A and B		
Ecological Risk Assessment	$10,000	-

12.4 Groundwater

Compliance monitoring is achieved when four consecutive quarters comply with the GWPC, SWPC, and RVC.

Post remediation monitoring varies from one year after background is attained, or three years after the GWPC has been attained. GWPC is allowed in lieu of background if natural attenuation has reduced the plume to meet the GWPC, and if the plume is in steady state or diminishing. Post remediation monitoring will consist of semi-annual monitoring conducted in April and September. If the engineered control cap is implemented, extended groundwater monitoring is required.

Monitoring wells (MW101-MW112) will be included in the compliance monitoring. The wells will be sampling quarterly for one year and analyzed for VOCs, ETPH, PAHs, and metals. Based upon the existing groundwater data available for the site, it is likely that compliance monitoring

will be completed within one year; however, seasonal fluctuations may affect dissolved-phase concentrations and potentially extend the monitoring period in order to achieve compliance. Post remediation groundwater analytical requirements will be assessed following completion of compliance monitoring and will include a minimum of 2 years of semi-annual monitoring events.

12.5 Confirmation Soil Sampling and Analysis

The following soil samples will be collected by the LEP for laboratory analysis to confirm the limits of remediation by excavation. TSCA confirmation sampling is as specified by TSCA regulations.

- Sidewall soil confirmation samples will be collected for excavations deeper than 2 feet, every 50 feet, or a minimum of one sample for each side excavation wall. They will be biased toward stained soils, soils with odors, and elevated organic vapor readings;
- The bottom excavation soil samples will be collected on a 50-foot grid pattern;
- The confirmation soil samples will be analyzed for the chemicals as previously indicated;
- Laboratory analysis will be conducted using CTDEP RCPs and the data validated by the LEP in accordance with CTDEP guidance documents; and
- The soil confirmation results will be available approximately five business days after collection.

12.6 Ecological Risk Assessment

An Ecological Risk Assessment will be completed to fully characterize the current surface water and sediment quality conditions in the adjacent waterways and assess the risk of potential affected surface water and sediment to the aquatic, benthic, and terrestrial receptors for the identified on-site contaminants. Sediment and surface water samples will be collected from the culverted stream (Long Meadow Brook) where historic discharges were received from on-site manufacturing, and from two outfall locations to the Naugatuck River. The surface water and sediment analytical data will be compared to appropriate EPA standards and, combined with the existing site data, be used to identify complete exposure pathways that may exist at the site.

12.7 Remediation Implementation

12.7.1 Regulatory Compliance

The Contractor will be responsible for compliance with all local, state, and federal laws and regulations, including health and safety requirements, as appropriate. The Contractor shall immediately notify the LEP of any noncompliance notifications received by regulatory authorities and comply with any required corrective actions.

The Owner, in conjunction with the LEP, will make the required public notice for remediation in accordance with the RSRs and will obtain necessary Borough of Naugatuck permits.

12.7.2 Health and Safety

The Contractor will comply with Occupational Safety and Health Administration (OSHA) requirements for the remediation activities.

12.7.3 Soil Excavation and Handling

The work consists of excavation and temporary storage of contaminated and non-contaminated material. The Contractor is responsible to review the provided soil boring and chemical analytical data, and understand the subsurface conditions as it relates this project.

Contaminated soil shall be excavated as specified in this RAP, and as directed by the LEP. All contaminated soil will be handled as follows:

- The spillage, loss, or commingling or uncontrolled deposition of such material is minimized;
- Personal exposure to contaminants present in such materials is minimized;
- Any potential adverse impacts to the community and the surrounding environment from contaminants present in such materials are minimized; and
- All applicable federal, state, and local laws and regulations are complied with during soil handling.

The Contractor shall provide spill response materials compatible with the type of materials and contaminants being handled. Spill response materials shall be available at all times, in which contaminated materials are being handled or transported.

Large rocks and boulders (greater than 12 inches) will be segregated from excavated contaminated soil to the extent practicable. Any excess soil will be removed from the boulders and the boulders will not be considered contaminated and can be reused as backfill.

The Contractor will keep roadways free from dirt, dust, and contaminated soil. The contaminated soil shall not be so dry as to generate dust during handling. Anti tracking pads shall be constructed at egress locations at the site. If necessary, the Contractor will spray clean water into the soil to eliminate such dust generation.

12.7.4 Soil Storage

Soil can be stored on-site in soil stockpile areas (SSAs) or watertight roll-offs if not directly loaded for off-site disposal. The SSAs will be kept covered at all times. The top liner will be secured/weighed down with sandbags and tires (or a combination thereof), or other approved material in such a manner as to prevent the liner from being dislodged by wind.

Geomembrane liners will be placed and maintained within the SSA to prevent precipitation contact with the contaminated soil. The contaminated soil shall be placed on pavement with no significant cracking, or a 30-mil liner, with surrounding berms. Separate liners will be sufficiently overlapped to prevent infiltration of precipitation. Liners will be placed on the SSAs to allow precipitation to drain outside of the SSA.

The SSAs will be inspected to ensure that stockpile covers are in place and secure, the berms are intact, no soils are migrating from the SSAs, and the area around each SSA is generally clean. If SSA covers are displaced, they will be replaced and re-secured. If SSA covers are damaged, they will be replaced.

The Contractor will monitor and restrict access to the SSA as necessary to prevent unauthorized use, mismanagement of contaminated soil, or the unknowing entry of unauthorized personnel. The Contractor shall also comply with applicable provisions of the CTDEP *General Permit for Contaminated Soil and/or Sediment Management (Staging and Transfer).*

Following the removal of all stockpiled soils, the Contractor shall dismantle the waste stockpile area and shall properly decontaminate, dispose of, and/or recycle all system components.

12.7.5 Waste Management

The Contractor will be required to use licensed and properly permitted treatment and/or disposal facilities for contaminated soils, subject to review and approval of the Owner and LEP. Prior to being transported off-site, all materials will be properly characterized and profiled for disposal. Waste disposal will be approved as required and the intended disposal facility will confirm its acceptance of the waste prior to transport. Soil chemical analytical results from the site investigation are included in Appendix G. *Any additional waste characterization, including chemical analysis, is the responsibility of the Contractor.*

Waste removal from the site will be documented by manifest or bill of lading. It will be the responsibility of the Contractor to prepare the manifests or bills of lading. The property owner or their representative will sign the manifests with proper notice. The Contractor will provide the LEP with manifest or bills of lading signed by the disposal facility indicating acceptance and weight.

All vehicles used to transport contaminated soil shall have a metal dump body free from holes and fitted with a sealable, watertight tailgate. The materials shall be covered during transport to ensure seepage of wastes, water and/or dust into or out of the dump body is prevented. Transport vehicles and loading and unloading procedures shall meet all appropriate federal, state, and local laws, regulations, and ordinances.

12.7.6 Groundwater Dewatering

Groundwater dewatering may be required for soil excavation. The soil excavation must be completed as quickly as possible to minimize groundwater entering the excavation area. A dewatering plan shall be submitted by the Contractor to the LEP for approval. The Contractor is responsible for obtaining any applicable permits or approvals

12.7.7 Excavation Backfill

Imported backfill material shall be widely graded sand and gravel, free of clay, organic matter, surface coatings and other deleterious materials, and conforming to the following gradation requirements. Soil finer than the No. 200 sieve shall be non-plastic.

Sieve Size	Percent Passing by Weight
6 inches	100
3 inches	80-100

No. 4	20-100
No. 100	0-10
No. 200	0-5

Imported material from borrow sources shall be earth only, free from brush, stumps, logs, roots, debris, and organic or other objectionable material. The backfill material shall also meet the following chemical clean criteria. One sample of each 5,000 tons of backfill shall be collected and analyzed by the Contractor and meet the following criteria, subject to approval of the LEP.

1. No VOCs (EPA Method 8260) (Detection Limit 10 µg/kg)
2. No PCBs (EPA Method 8082) (Detection Limit 0.5 mg/kg)
3. No metals greater than residential direct exposure levels (total RCRA-8 metals plus copper, zinc, and nickel)
4. No SVOCs (EPA Method 8270) (Detection Limit 100 µg/kg)
5. No ETPH (Detection Limit 25 mg/kg)

The backfill shall be compacted to eliminate settlement. Specific compaction requirements shall be coordinated with the site developer.

12.7.8 Fugitive Dust Emission Control

The Contractor will be required to implement a fugitive dust suppression program. The Contractor will be required to prevent the off-site migration of particulate matter, and to prevent dust exposure. This will include the application of water to exposed earth materials at a frequency as required to eliminate dust. Particulate monitoring must be conducted by the Contractor during soil excavation and screen processes.

12.7.9 Erosion and Sedimentation Control

The Contractor shall implement best management practices relative to soil erosion and sedimentation control. The Contractor shall comply with the CTDEP General Permit Stormwater and Dewatering Wastewaters from Construction Activities and any local permitting requirements.

12.7.10 Decontamination

On-site decontamination of heavy equipment will be performed as necessary to minimize cross contamination. Dry decontamination methods will typically be used on trucks and heavy equipment. Decontamination will be performed within the work area and soils will be disposed with other contaminated material.

12.7.11 Remedial Action Report

A Remedial Action Report (RAR) will be prepared by the LEP following the completion of the site cleanup. This report will be submitted following implementation of the RAP, excluding the post-remediation groundwater monitoring. The RAR will document that

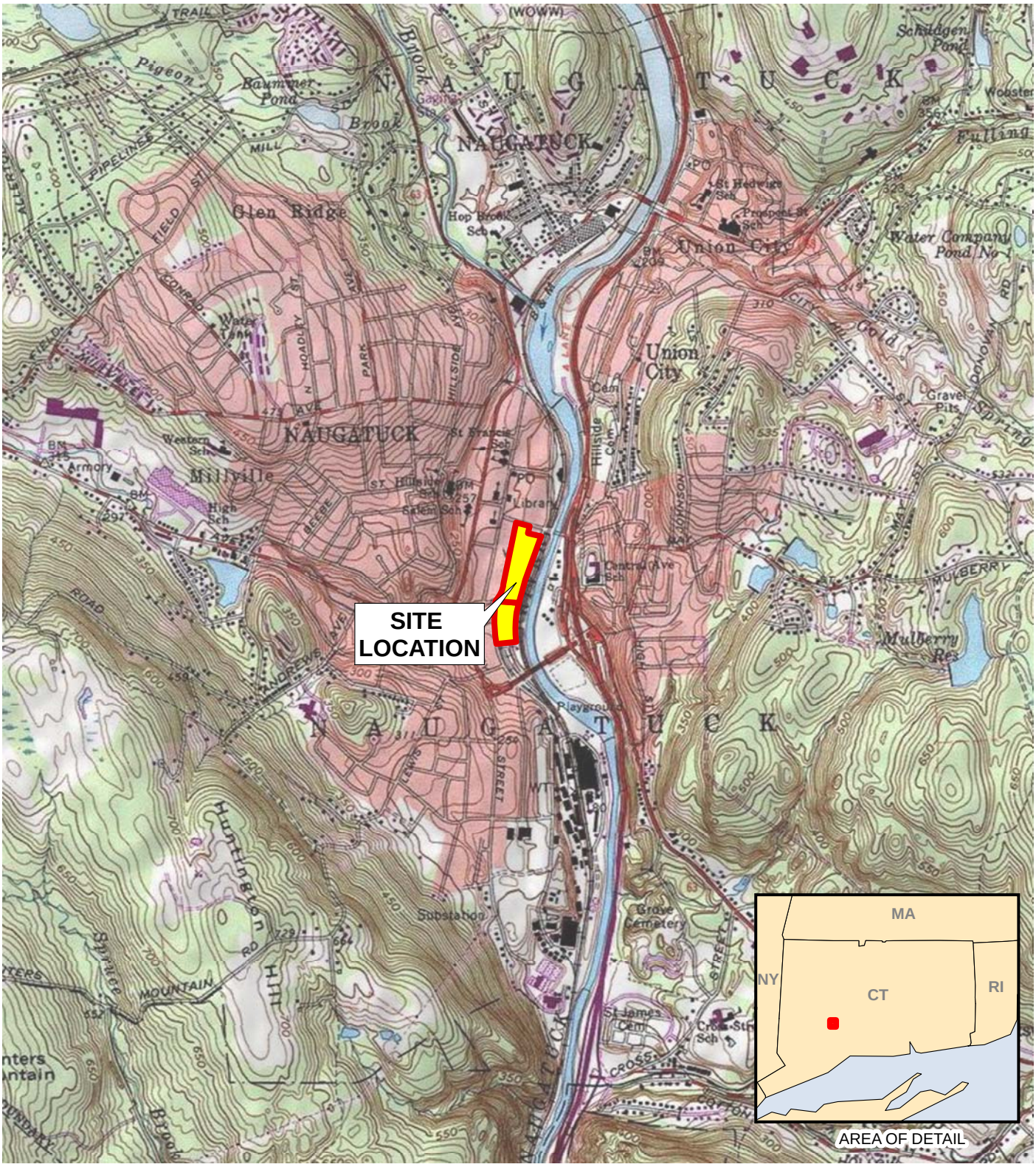
the project has been undertaken in accordance with the RAP and will include the following.

- Brief overview of project narrative;
- Off-site soil manifest documentation, quantities, and disposal facilities;
- Confirmation soil sample laboratory results, locations, depths, and summary table indicating compliance with RAP goals;
- Data Quality and Usability Evaluation;
- Final Remediation Plan(s) showing limits of excavations, depths of excavations, and confirmation sample locations/depths;
- Discussion of any unanticipated encountered waste on site and characterization/ disposal documentation;
- Final Conceptual Site Model;
- Representative remediation photographs; and
- Any suggested changes to the post-construction groundwater monitoring plan or conceptual site model based on findings and/or observations during remediation.

13.0 REFERENCES

1. Advanced Environmental Redevelopment, LLC, Bridgeport, Connecticut, Subsurface Explorations, 6 Rubber Avenue, Naugatuck, Connecticut, Project #274, September 2002.
2. AKRF, Inc., Willimantic, Connecticut, Phase I Environmental Site Assessment, 6 Rubber Avenue, Naugatuck, Connecticut, October 2010.
3. General Consolidated Industries, Inc., Stamford, Connecticut *Phase II Subsurface Investigation, 6 Rubber Avenue, Naugatuck, Connecticut 06770,* July 12, 2001.
4. HRP Associates, Inc., Plainville, Connecticut, Report on Subsurface Investigations at General DataComm, 6 Rubber Avenue, Naugatuck, Connecticut, September 23, 2002.
5. HRP Associates, Inc., Farmington, Connecticut, Phase I Environmental Site Assessment, ASTM E1527-05, 6 Rubber Avenue, Naugatuck, Connecticut, June 29, 2007 (portions).
6. State of Connecticut Department of Environmental Protection, Connecticut Geological and Natural History Survey, Bedrock Geological Map of Connecticut, John Rodgers, 1985.
7. State of Connecticut Department of Environmental Protection, *Surficial Materials Map of Connecticut,* Janet Radway Stone, et al, 1992.
8. State of Connecticut Department of Environmental Protection, *Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria,* 2005.
9. State of Connecticut Department of Environmental Protection, *Guidance for Collecting and Preserving Soil and Sediment Samples for Laboratory Determination of Volatile Organic Compounds,* February 2006.
10. State of Connecticut Department of Environmental Protection, *Site Characterization Guidance Document,* September 2007.
11. State of Connecticut Department of Environmental Protection, *Reasonable Confidence Protocols Guidance Document,* November 2007.
12. State of Connecticut Department of Environmental Protection, *Engineered Controls Guidance Document,* February 2009.
13. State of Connecticut Department of Environmental Protection, *Data Quality Assessment and Data Usability Evaluation Guidance Document,* May 2009.

FIGURES



SOURCE
USGS 7.5 Minute Topographic Map
Naugatuck Quad 1985

0 0.25 0.5 Miles

6 RUBBER AVENUE
NAUGATUCK, CT

PROJECT SITE LOCATION

AKRF
Environmental Consultants
700 Main Street Suite C, Willimantic, CT 06226

DATE
07.13.10

PROJECT No.
91065

FIGURE
1

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Legend (Historic Structures)

- Historic Rail Lines (1887 - 2011)
- Historic Canals, Raceways, and Streams (1887 - 2011)
- Building Construction History (1887 - 2011)

Legend

- Site Boundary

0 50 100 200
Feet

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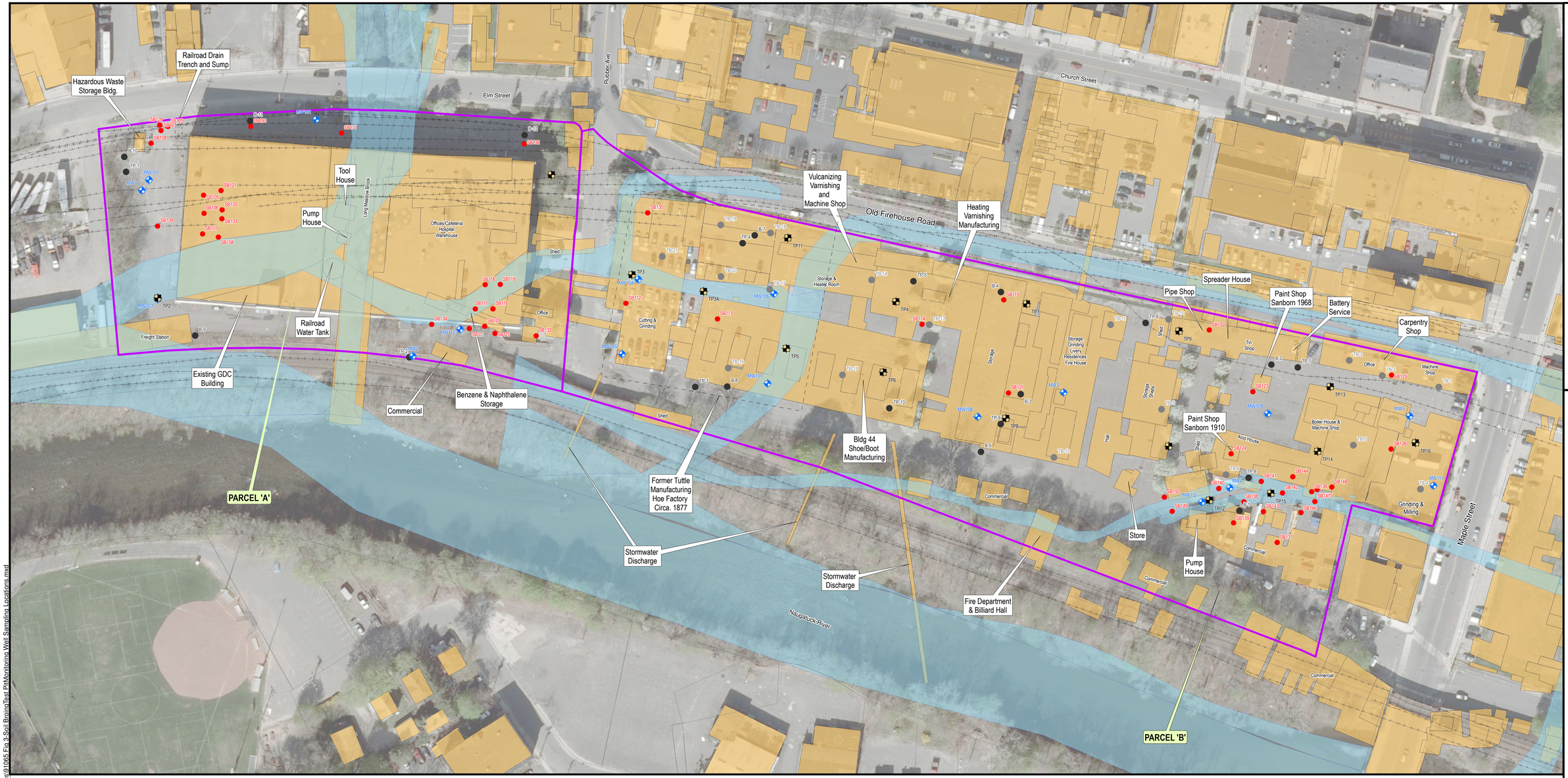
6 RUBBER AVENUE
NAUGATUCK, CT

SITE PLAN WITH HISTORICAL STRUCTURES MAP

FIGURE
2

PROJECT NO.
91065

DATE
8.15.11



Legend (Historic Structures)

- Historic Rail Lines (1887 - 2011)
- Historic Canals, Raceways, and Streams (1887 - 2011)
- Building Construction History (1887 - 2011)

Legend

- Soil Boring
- Test Pit
- Groundwater Monitoring Well
- AER/GCI Sampling Point
- HRP Sampling Point
- Site Boundary

0 50 100 200
Feet

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6 RUBBER AVENUE
NAUGATUCK, CT

SOIL BORING, TEST PIT, MONITORING WELL SAMPLING LOCATIONS

FIGURE
3

PROJECT NO.
91065

DATE
8.15.11

Elm Street

Rubber Ave

Church Street

Old Firehouse Road

Long Meadow Brook

Freight Station

Shed

Maple Street

Naugatuck River

Commercial

PARCEL 'A'

PARCEL 'B'

176.44
MW# 102

175.65
MW# 101

175.37
MW# 103

175.86
MW# 112

176.72
MW# 105

176.66
MW# 107

176.61
MW# 104

176.65
MW# 106

176.69
MW# 108

177.25
MW# 109

177.55
MW# 111

176.86
MW# 110

175.4 175.5 175.6 175.7 175.8 175.9 176.0 176.1 176.2 176.3 176.4 176.5

176.7 176.7 176.8 176.9 177.0 177.1 177.2 177.3 177.4 177.5

Elevations Are Based Upon North American
Vertical Datum (NAVD) of 1988

LEGEND:

- 189.98 MW# 102 — Monitoring Well Location with Elevation in Feet
- 176.9 — Groundwater Contour Lines Dashed where Inferred
- Anticipated Groundwater Flow Direction

0' 30' 60' 120'
SCALE IN FEET

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6 RUBBER AVENUE
NAUGATUCK, CT

GROUNDWATER CONTOUR MAP

DATE
6.23.11

SCALE
as shown

PROJECT No.
91065

FIGURE
4

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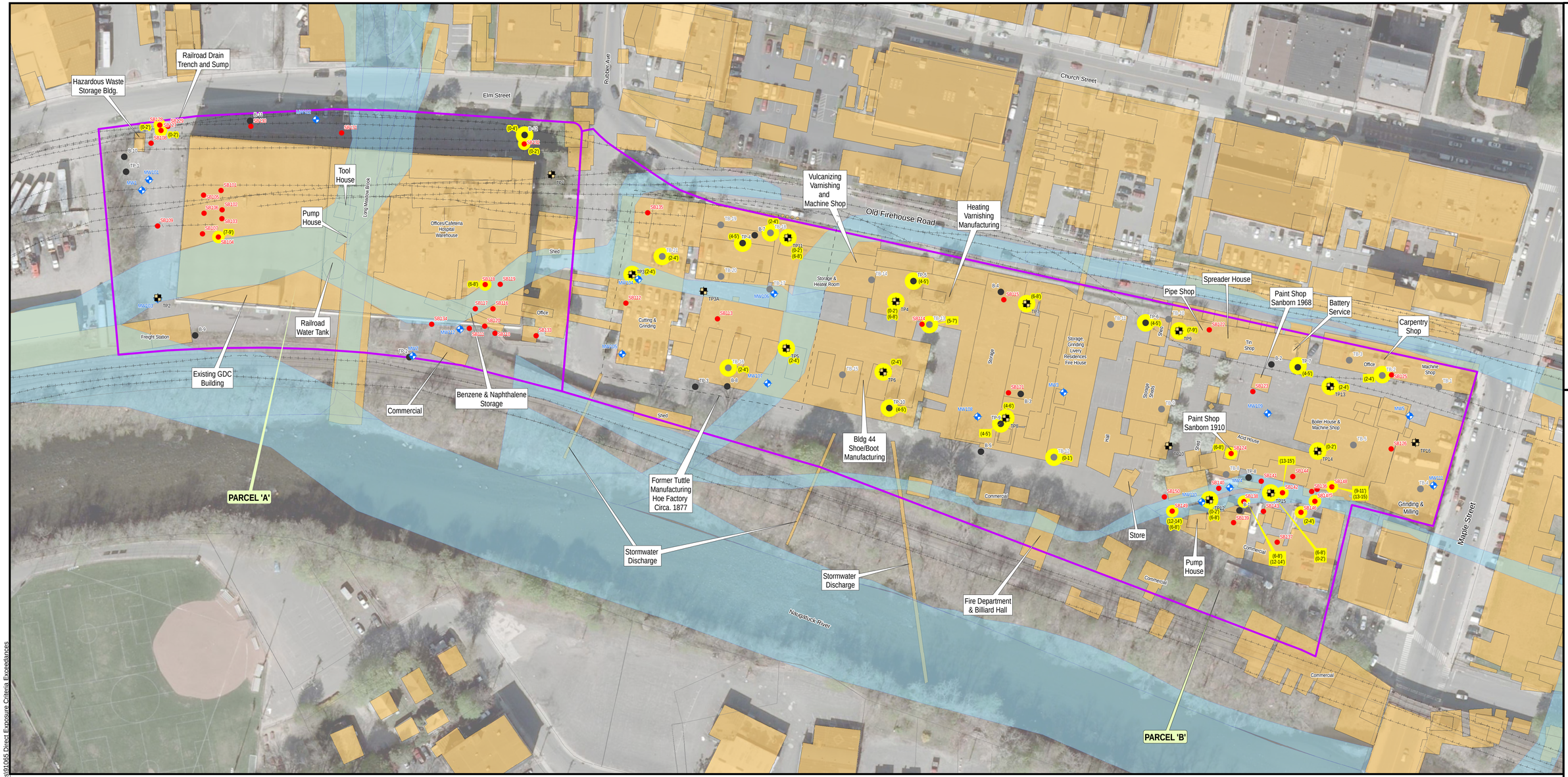

Legend (Historic Structures)

- Historic Rail Lines (1887 - 2011)
- Historic Canals, Raceways, and Streams (1887 - 2011)
- Building Construction History (1887 - 2011)

Legend

- Soil Boring
- Test Pit
- Groundwater Monitoring Well
- AER/GCI Sampling Point
- HRP Sampling Point
- Residential Direct Exposure Criteria Exceedance with sample depth
- Site Boundary

0 50 100 200
Feet

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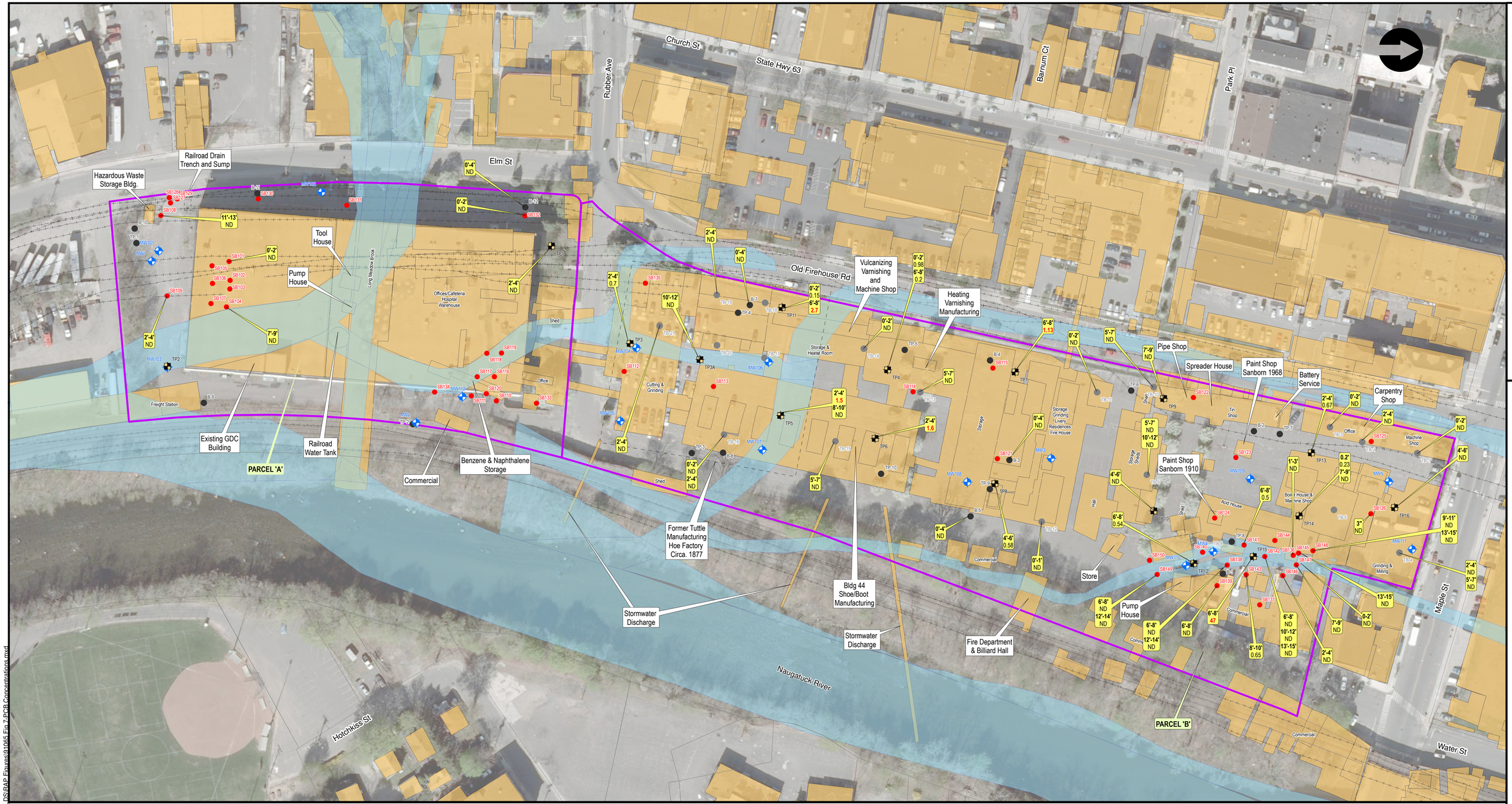
6 RUBBER AVENUE
NAUGATUCK, CT

DIRECT EXPOSURE CRITERIA EXCEEDANCES

FIGURE
5

PROJECT NO.
91065

DATE
8.15.11



Legend (Historic Structures)

- Historic Canals, Raceways, and Streams (1887 - 2011)
- Historic Rail Lines (1887 - 2011)
- Building Construction History (1887 - 2011)

Legend

- AKRF Soil Boring
- AKRF Test Pit
- Groundwater Monitoring Well
- AER/GCI Sampling Point
- HRP Sampling Point
- Site Boundary
- Sample Depth / PCB Concentration in milligrams per kilogram (mg/kg)
- Exceeds RDEC
- ND - not dectected

0 50 100 200
Feet

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PCB SAMPLE CONCENTRATIONS

6 RUBBER AVENUE
NAUGATUCK, CT

FIGURE
7

PROJECT NO.
91065

DATE
8.16.11

Legend

- Soil Boring
- Test Pit
- Groundwater Monitoring Well
- AER/GCI Sampling Point
- HRP Sampling Point
- Exceeds Residential Direct Exposure Criteria
- Exceeds GB Pollutant Mobility Criteria
- Exceeds Both Pollutant Mobility Criteria & Residential Direct Exposure Criteria
- Site Boundary
- (0-2') Sample Depth

0 50 100 200
Feet

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COMBINED RSR EXCEEDANCES WITH PROPOSED DEVELOPMENT AREA

6 RUBBER AVENUE
NAUGATUCK, CT

FIGURE
8

PROJECT NO.
91065

DATE
8.15.11

TABLES

Table 5
GDC Site
6 Rubber Avenue, Naugatuck, CT
Soil Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Units=mg/Kg	CT DEP GB PMC	CT DEP RDEC	CT DEP I/C DEC	SB-106 (2-4) 10L0171-05 12/6/2010	SB-108 (11-13) 10L0171-06 12/6/2010	SB-109 (11-13) 10L0171-07 12/6/2010	SB-110 (6-8) 10L0194-01 12/7/2010	SB-111 (6-8) 10L0194-02 12/7/2010	SB-113 (12-14) 10L0194-03 12/7/2010
1,1,1,2-Tetrachloroethane	0.2	24	220	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
1,1,1-Trichloroethane	40	500	1,000	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
1,1,2,2-Tetrachloroethane	0.1	3.1	29	<0.00080	<0.00095	<0.0011	<0.36	<0.00091	<0.0012
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NS	<0.0080	<0.0095	<0.011	<0.73	<0.0091	<0.012
1,1,2-Trichloroethane	1	11	100	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
1,1-Dichloroethane	14	500	1,000	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
1,1-Dichloroethylene	1.4	1	9.5	<0.0032	<0.0038	<0.0042	<0.73	<0.0036	<0.0046
1,1-Dichloropropene	NS	NS	NS	<0.0016	<0.0019	<0.0021	<1.5	<0.0018	<0.0023
1,2,3-Trichlorobenzene	NS	NS	NS	<0.0016	<0.0019	<0.0021	<3.6	<0.0018	<0.0023
1,2,3-Trichloropropane	NS	NS	NS	<0.0016	<0.0019	<0.0021	<1.5	<0.0018	<0.0023
1,2,4-Trichlorobenzene	14	680	2,500	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
1,2,4-Trimethylbenzene	70	500	1,000	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
1,2-Dibromo-3-chloropropane	NS	0.44	4.1	<0.0016	<0.0019	<0.0021	<3.6	<0.0018	<0.0023
1,2-Dibromoethane	0.1	0.007	0.067	<0.00080	<0.00095	<0.0011	<0.36	<0.00091	<0.0012
1,2-Dichlorobenzene	3.1	500	1,000	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
1,2-Dichloroethane	0.2	6.7	63	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
1,2-Dichloropropane	1	9	84	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
1,3,5-Trimethylbenzene	70	500	1,000	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
1,3-Dichlorobenzene	120	500	1,000	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
1,3-Dichloropropane	NS	NS	NS	<0.00080	<0.00095	<0.0011	<0.36	<0.00091	<0.0012
1,4-Dichlorobenzene	15	26	240	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
2,2-Dichloropropane	NS	NS	NS	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
2-Butanone	80	500	1,000	<0.032	<0.038	<0.042	<15	<0.036	<0.046
2-Chlorotoluene	2	500	1,000	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
2-Hexanone	NS	NS	NS	<0.016	<0.019	<0.021	<7.3	<0.018	<0.023
4-Chlorotoluene	2	500	1,000	<0.0016	<0.0019	<0.0021	<1.5	<0.0018	<0.0023
4-Methyl-2-pentanone	14	500	1,000	<0.016	<0.019	<0.021	<7.3	<0.018	<0.023
Acetone	140	500	1,000	<0.080	<0.095	<0.11	<36	<0.091	<0.12
Acrylonitrile	0.1	1.1	11	<0.0048	<0.0057	<0.0063	<3.6	<0.0055	<0.0069
Benzene	0.2	21	200	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
Bromobenzene	NS	NS	NS	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
Bromodichloromethane	0.11	9.9	92	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
Bromoform	0.8	78	720	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
Bromomethane	2	95	1,000	<0.0080	<0.0095	<0.011	<2.9	<0.0091	<0.012
Carbon Disulfide	140	500	1,000	<0.0048	<0.0057	<0.0063	<2.2	<0.0055	<0.0069
Carbon Tetrachloride	1	4.7	44	<0.0032	<0.0038	<0.0042	<0.73	<0.0036	<0.0046
Chlorobenzene	20	500	1,000	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
Chlorodibromomethane	0.1	7.3	68	<0.0032	<0.0038	<0.0042	<0.36	<0.0036	<0.0046
Chloroethane	NS	NS	NS	<0.016	<0.019	<0.021	<1.5	<0.018	<0.023
Chloroform	1.2	100	940	<0.0032	<0.0038	<0.0042	<1.5	<0.0036	<0.0046
Chloromethane	0.54	47	440	<0.0080	<0.0095	<0.011	<1.5	<0.0091	<0.012
cis-1,2-Dichloroethylene	14	500	1,000	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
cis-1,3-Dichloropropene	NS	NS	NS	<0.0016	<0.0019	<0.0021	<0.36	<0.0018	<0.0023
Dibromomethane	NS	NS	NS	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
Dichlorodifluoromethane	NS	NS	NS	<0.016	<0.019	<0.021	<1.5	<0.018	<0.023
Ethylbenzene	10.1	500	1,000	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
Hexachlorobutadiene	1	7.9	73	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
Isopropylbenzene	132	500	1,000	<0.0032	<0.0038	<0.0042	5	<0.0036	<0.0046
m+p Xylene	See Totals	See Totals	See Totals	<0.0032	<0.0038	<0.0042	<1.5	<0.0036	<0.0046
Methyl tert-Butyl Ether	20	500	1,000	<0.0032	<0.0038	<0.0042	<0.73	<0.0036	<0.0046
Methylene Chloride	1	82	760	<0.016	<0.019	<0.021	<3.6	<0.018	<0.023
Naphthalene	56	1,000	2,500	<0.0032	<0.0038	<0.0042	<1.5	<0.0036	<0.0046
n-Butylbenzene	14	500	1,000	<0.0032	<0.0038	<0.0042	<0.73	<0.0036	<0.0046
n-Propylbenzene	14	500	1,000	<0.0016	<0.0019	<0.0021	<1.5	<0.0018	<0.0023
o-Xylene	See Totals	See Totals	See Totals	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
p-Isopropyltoluene	41.8	500	1,000	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
sec-Butylbenzene	14	500	1,000	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
Styrene	20	500	1,000	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
tert-Butylbenzene	14	500	1,000	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
Tetrachloroethylene	1	12	110	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
Tetrahydrofuran	NS	NS	NS	<0.0080	<0.0095	<0.011	<7.3	<0.0091	<0.012
Toluene	67	500	1,000	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
Total Xylenes	19.5	500	1,000	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene	20	500	1,000	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
trans-1,3-Dichloropropene	NS	NS	NS	<0.0032	<0.0038	<0.0042	<0.36	<0.0036	<0.0046
trans-1,4-Dichloro-2-butene	NS	NS	NS	<0.0032	<0.0038	<0.0042	<1.5	<0.0036	<0.0046
Trichloroethylene	1	56	520	<0.0016	<0.0019	<0.0021	<0.73	<0.0018	<0.0023
Trichlorofluoromethane	260	500	1,000	<0.0080	<0.0095	<0.011	<1.5	<0.0091	<0.012
Vinyl Chloride	0.4	0.32	3	<0.0080	<0.0095	<0.011	<1.5	<0.0091	<0.012

Table 5
GDC Site
6 Rubber Avenue, Naugatuck, CT
Soil Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Units=mg/Kg	CT DEP GB PMC	CT DEP RDEC	CT DEP I/C DEC	SB-114 (12-14) 10L0194-04 12/7/2010	SB-118 (6-8) 10L0264-04 12/8/2010	SB-119 (2-4) 10L0264-06 12/8/2010	SB-122 (4-6) 10L0291-02 12/9/2010	SB-123 (9-11) 10L0291-04 12/9/2010
1,1,1,2-Tetrachloroethane	0.2	24	220	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
1,1,1-Trichloroethane	40	500	1,000	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
1,1,2,2-Tetrachloroethane	0.1	3.1	29	<0.0014	<0.00088	<0.0066	<0.0013	<0.00057
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NS	<0.014	<0.0088	<0.066	<0.013	<0.0057
1,1,2-Trichloroethane	1	11	100	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
1,1-Dichloroethane	14	500	1,000	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
1,1-Dichloroethylene	1.4	1	9.5	<0.0056	<0.0035	<0.027	<0.0050	<0.0023
1,1-Dichloropropene	NS	NS	NS	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
1,2,3-Trichlorobenzene	NS	NS	NS	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
1,2,3-Trichloropropane	NS	NS	NS	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
1,2,4-Trichlorobenzene	14	680	2,500	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
1,2,4-Trimethylbenzene	70	500	1,000	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
1,2-Dibromo-3-chloropropane	NS	0.44	4.1	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
1,2-Dibromoethane	0.1	0.007	0.067	<0.0014	<0.00088	<0.0066	<0.0013	<0.00057
1,2-Dichlorobenzene	3.1	500	1,000	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
1,2-Dichloroethane	0.2	6.7	63	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
1,2-Dichloropropane	1	9	84	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
1,3,5-Trimethylbenzene	70	500	1,000	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
1,3-Dichlorobenzene	120	500	1,000	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
1,3-Dichloropropane	NS	NS	NS	<0.0014	<0.00088	<0.0066	<0.0013	<0.00057
1,4-Dichlorobenzene	15	26	240	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
2,2-Dichloropropane	NS	NS	NS	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
2-Butanone	80	500	1,000	<0.056	<0.035	<0.27	<0.050	<0.023
2-Chlorotoluene	2	500	1,000	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
2-Hexanone	NS	NS	NS	<0.028	<0.018	<0.13	<0.025	<0.011
4-Chlorotoluene	2	500	1,000	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
4-Methyl-2-pentanone	14	500	1,000	<0.028	<0.018	<0.13	<0.025	<0.011
Acetone	140	500	1,000	<0.14	<0.088	<0.66	<0.13	<0.057
Acrylonitrile	0.1	1.1	11	<0.0084	<0.0053	<0.040	<0.0075	<0.0034
Benzene	0.2	21	200	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
Bromobenzene	NS	NS	NS	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
Bromodichloromethane	0.11	9.9	92	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
Bromoform	0.8	78	720	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
Bromomethane	2	95	1,000	<0.014	<0.0088	<0.066	<0.013	<0.0057
Carbon Disulfide	140	500	1,000	<0.0084	<0.0053	<0.040	<0.0075	<0.0034
Carbon Tetrachloride	1	4.7	44	<0.0056	<0.0035	<0.027	<0.0050	<0.0023
Chlorobenzene	20	500	1,000	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
Chlorodibromomethane	0.1	7.3	68	<0.0056	<0.0035	<0.027	<0.0050	<0.0023
Chloroethane	NS	NS	NS	<0.028	<0.018	<0.13	<0.025	<0.011
Chloroform	1.2	100	940	<0.0056	<0.0035	<0.027	<0.0050	<0.0023
Chloromethane	0.54	47	440	<0.014	<0.0088	<0.066	<0.013	<0.0057
cis-1,2-Dichloroethylene	14	500	1,000	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
cis-1,3-Dichloropropene	NS	NS	NS	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
Dibromomethane	NS	NS	NS	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
Dichlorodifluoromethane	NS	NS	NS	<0.028	<0.018	<0.13	<0.025	<0.011
Ethylbenzene	10.1	500	1,000	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
Hexachlorobutadiene	1	7.9	73	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
Isopropylbenzene	132	500	1,000	<0.0056	<0.0035	<0.027	<0.0050	<0.0023
m+p Xylene	See Totals	See Totals	See Totals	<0.0056	<0.0035	<0.027	<0.0050	<0.0023
Methyl tert-Butyl Ether	20	500	1,000	<0.0056	<0.0035	<0.027	<0.0050	<0.0023
Methylene Chloride	1	82	760	<0.028	<0.018	<0.13	<0.025	<0.011
Naphthalene	56	1,000	2,500	<0.0056	<0.0035	<0.027	<0.0050	<0.0023
n-Butylbenzene	14	500	1,000	<0.0056	<0.0035	<0.027	<0.0050	<0.0023
n-Propylbenzene	14	500	1,000	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
o-Xylene	See Totals	See Totals	See Totals	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
p-Isopropyltoluene	41.8	500	1,000	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
sec-Butylbenzene	14	500	1,000	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
Styrene	20	500	1,000	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
tert-Butylbenzene	14	500	1,000	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
Tetrachloroethylene	1	12	110	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
Tetrahydrofuran	NS	NS	NS	<0.014	<0.0088	<0.066	<0.013	<0.0057
Toluene	67	500	1,000	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
Total Xylenes	19.5	500	1,000	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene	20	500	1,000	<0.0028	<0.0018	<0.013	<0.0025	<0.0011
trans-1,3-Dichloropropene	NS	NS	NS	<0.0056	<0.0035	<0.027	<0.0050	<0.0023
trans-1,4-Dichloro-2-butene	NS	NS	NS	<0.0056	<0.0035	<0.027	<0.0050	<0.0023
Trichloroethylene	1	56	520	<0.0028	<0.0018	0.049	<0.0025	<0.0011
Trichlorofluoromethane	260	500	1,000	<0.014	<0.0088	<0.066	<0.013	<0.0057
Vinyl Chloride	0.4	0.32	3	<0.014	<0.0088	<0.066	<0.013	<0.0057

Table 5
GDC Site
6 Rubber Avenue, Naugatuck, CT
Soil Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Units=mg/Kg	CT DEP GB PMC	CT DEP RDEC	CT DEP I/C DEC	SB-123B (9-11) 10L0291-05 12/9/2010	SB-124 (6-8) 10L0291-07 12/9/2010	SB-126 (8-10) 10L0291-11 12/9/2010	SB-134 (14-16) 11A0018-08 12/29/2010	Sump-1 10L0264-01 12/8/2010
1,1,1,2-Tetrachloroethane	0.2	24	220	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
1,1,1-Trichloroethane	40	500	1,000	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
1,1,2,2-Tetrachloroethane	0.1	3.1	29	<0.00050	<0.00051	<0.0012	<0.00086	<0.00061
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NS	<0.0050	<0.0051	<0.012	<0.0086	<0.0061
1,1,2-Trichloroethane	1	11	100	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
1,1-Dichloroethane	14	500	1,000	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
1,1-Dichloroethylene	1.4	1	9.5	<0.0020	<0.0021	<0.0048	<0.0035	<0.0025
1,1-Dichloropropene	NS	NS	NS	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
1,2,3-Trichlorobenzene	NS	NS	NS	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
1,2,3-Trichloropropane	NS	NS	NS	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
1,2,4-Trichlorobenzene	14	680	2,500	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
1,2,4-Trimethylbenzene	70	500	1,000	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
1,2-Dibromo-3-chloropropane	NS	0.44	4.1	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
1,2-Dibromoethane	0.1	0.007	0.067	<0.00050	<0.00051	<0.0012	<0.00086	<0.00061
1,2-Dichlorobenzene	3.1	500	1,000	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
1,2-Dichloroethane	0.2	6.7	63	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
1,2-Dichloropropane	1	9	84	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
1,3,5-Trimethylbenzene	70	500	1,000	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
1,3-Dichlorobenzene	120	500	1,000	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
1,3-Dichloropropane	NS	NS	NS	<0.00050	<0.00051	<0.0012	<0.00086	<0.00061
1,4-Dichlorobenzene	15	26	240	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
2,2-Dichloropropane	NS	NS	NS	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
2-Butanone	80	500	1,000	<0.020	<0.021	<0.048	<0.035	<0.025
2-Chlorotoluene	2	500	1,000	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
2-Hexanone	NS	NS	NS	<0.010	<0.010	<0.024	<0.017	<0.012
4-Chlorotoluene	2	500	1,000	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
4-Methyl-2-pentanone	14	500	1,000	<0.010	<0.010	<0.024	<0.017	<0.012
Acetone	140	500	1,000	<0.050	<0.051	<0.12	<0.086	<0.061
Acrylonitrile	0.1	1.1	11	<0.0030	<0.0031	<0.0072	<0.0052	<0.0037
Benzene	0.2	21	200	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
Bromobenzene	NS	NS	NS	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
Bromodichloromethane	0.11	9.9	92	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
Bromoform	0.8	78	720	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
Bromomethane	2	95	1,000	<0.0050	<0.0051	<0.012	<0.0086	<0.0061
Carbon Disulfide	140	500	1,000	<0.0030	<0.0031	<0.0072	<0.0052	<0.0037
Carbon Tetrachloride	1	4.7	44	<0.0020	<0.0021	<0.0048	<0.0017	<0.0025
Chlorobenzene	20	500	1,000	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
Chlorodibromomethane	0.1	7.3	68	<0.0020	<0.0021	<0.0048	<0.00086	<0.0025
Chloroethane	NS	NS	NS	<0.010	<0.010	<0.024	<0.017	<0.012
Chloroform	1.2	100	940	<0.0020	<0.0021	<0.0048	<0.0035	<0.0025
Chloromethane	0.54	47	440	<0.0050	<0.0051	<0.012	<0.0086	<0.0061
cis-1,2-Dichloroethylene	14	500	1,000	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
cis-1,3-Dichloropropene	NS	NS	NS	<0.0010	<0.0010	<0.0024	<0.00086	<0.0012
Dibromomethane	NS	NS	NS	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
Dichlorodifluoromethane	NS	NS	NS	<0.010	<0.010	<0.024	<0.017	<0.012
Ethylbenzene	10.1	500	1,000	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
Hexachlorobutadiene	1	7.9	73	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
Isopropylbenzene	132	500	1,000	<0.0020	<0.0021	<0.0048	<0.0017	<0.0025
m+p Xylene	See Totals	See Totals	See Totals	<0.0020	<0.0021	<0.0048	<0.0035	<0.0025
Methyl tert-Butyl Ether	20	500	1,000	<0.0020	<0.0021	<0.0048	<0.0035	<0.0025
Methylene Chloride	1	82	760	<0.010	<0.010	<0.024	<0.017	<0.012
Naphthalene	56	1,000	2,500	<0.0020	<0.0021	<0.0048	<0.0035	<0.0025
n-Butylbenzene	14	500	1,000	<0.0020	<0.0021	<0.0048	<0.0017	<0.0025
n-Propylbenzene	14	500	1,000	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
o-Xylene	See Totals	See Totals	See Totals	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
p-Isopropyltoluene	41.8	500	1,000	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
sec-Butylbenzene	14	500	1,000	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
Styrene	20	500	1,000	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
tert-Butylbenzene	14	500	1,000	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
Tetrachloroethylene	1	12	110	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
Tetrahydrofuran	NS	NS	NS	<0.0050	<0.0051	<0.012	<0.0086	<0.0061
Toluene	67	500	1,000	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
Total Xylenes	19.5	500	1,000	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene	20	500	1,000	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
trans-1,3-Dichloropropene	NS	NS	NS	<0.0020	<0.0021	<0.0048	<0.00086	<0.0025
trans-1,4-Dichloro-2-butene	NS	NS	NS	<0.0020	<0.0021	<0.0048	<0.0035	<0.0025
Trichloroethylene	1	56	520	<0.0010	<0.0010	<0.0024	<0.0017	<0.0012
Trichlorofluoromethane	260	500	1,000	<0.0050	<0.0051	<0.012	<0.0086	<0.0061
Vinyl Chloride	0.4	0.32	3	<0.0050	<0.0051	<0.012	<0.0086	<0.0061

Table 5
GDC Site
6 Rubber Avenue, Naugatuck, CT
Soil Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Units=mg/Kg	CT DEP GB PMC	CT DEP RDEC	CT DEP I/C DEC	Sump-2 10L0264-05 12/8/2010	Sump-3 10L0264-07 12/8/2010	Sump-4 10L0264-08 12/8/2010	TP-05 (2-4) 10L0028-02 12/1/2010
1,1,1,2-Tetrachloroethane	0.2	24	220	<0.0034	<0.0058	<0.0061	<0.0043
1,1,1-Trichloroethane	40	500	1,000	<0.0034	<0.0058	<0.0061	<0.0043
1,1,2,2-Tetrachloroethane	0.1	3.1	29	<0.0017	<0.0029	<0.0030	<0.0021
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NS	<0.017	<0.029	<0.030	<0.021
1,1,2-Trichloroethane	1	11	100	<0.0034	<0.0058	<0.0061	<0.0043
1,1-Dichloroethane	14	500	1,000	<0.0034	<0.0058	<0.0061	<0.0043
1,1-Dichloroethylene	1.4	1	9.5	<0.0069	<0.012	<0.012	<0.0086
1,1-Dichloropropene	NS	NS	NS	<0.0034	<0.0058	<0.0061	<0.0043
1,2,3-Trichlorobenzene	NS	NS	NS	<0.0034	<0.0058	<0.0061	<0.0043
1,2,3-Trichloropropane	NS	NS	NS	<0.0034	<0.0058	<0.0061	<0.0043
1,2,4-Trichlorobenzene	14	680	2,500	<0.0034	<0.0058	<0.0061	<0.0043
1,2,4-Trimethylbenzene	70	500	1,000	<0.0034	<0.0058	0.016	<0.0043
1,2-Dibromo-3-chloropropane	NS	0.44	4.1	<0.0034	<0.0058	<0.0061	<0.0043
1,2-Dibromoethane	0.1	0.007	0.067	<0.0017	<0.0029	<0.0030	<0.0021
1,2-Dichlorobenzene	3.1	500	1,000	<0.0034	<0.0058	<0.0061	<0.0043
1,2-Dichloroethane	0.2	6.7	63	<0.0034	<0.0058	<0.0061	<0.0043
1,2-Dichloropropane	1	9	84	<0.0034	<0.0058	<0.0061	<0.0043
1,3,5-Trimethylbenzene	70	500	1,000	<0.0034	<0.0058	0.0071	<0.0043
1,3-Dichlorobenzene	120	500	1,000	<0.0034	<0.0058	<0.0061	<0.0043
1,3-Dichloropropane	NS	NS	NS	<0.0017	<0.0029	<0.0030	<0.0021
1,4-Dichlorobenzene	15	26	240	<0.0034	<0.0058	<0.0061	<0.0043
2,2-Dichloropropane	NS	NS	NS	<0.0034	<0.0058	<0.0061	<0.0043
2-Butanone	80	500	1,000	<0.069	<0.12	<0.12	<0.086
2-Chlorotoluene	2	500	1,000	<0.0034	<0.0058	<0.0061	<0.0043
2-Hexanone	NS	NS	NS	<0.034	<0.058	<0.061	<0.043
4-Chlorotoluene	2	500	1,000	<0.0034	<0.0058	<0.0061	<0.0043
4-Methyl-2-pentanone	14	500	1,000	<0.034	<0.058	<0.061	<0.043
Acetone	140	500	1,000	<0.17	<0.29	<0.30	<0.21
Acrylonitrile	0.1	1.1	11	<0.010	<0.017	<0.018	<0.013
Benzene	0.2	21	200	<0.0034	<0.0058	<0.0061	<0.0043
Bromobenzene	NS	NS	NS	<0.0034	<0.0058	<0.0061	<0.0043
Bromodichloromethane	0.11	9.9	92	<0.0034	<0.0058	<0.0061	<0.0043
Bromoform	0.8	78	720	<0.0034	<0.0058	<0.0061	<0.0043
Bromomethane	2	95	1,000	<0.017	<0.029	<0.030	<0.021
Carbon Disulfide	140	500	1,000	<0.010	<0.017	<0.018	<0.013
Carbon Tetrachloride	1	4.7	44	<0.0069	<0.012	<0.012	<0.0086
Chlorobenzene	20	500	1,000	<0.0034	<0.0058	<0.0061	<0.0043
Chlorodibromomethane	0.1	7.3	68	<0.0069	<0.012	<0.012	<0.0086
Chloroethane	NS	NS	NS	<0.034	<0.058	<0.061	<0.043
Chloroform	1.2	100	940	<0.0069	<0.012	<0.012	<0.0086
Chloromethane	0.54	47	440	<0.017	<0.029	<0.030	<0.021
cis-1,2-Dichloroethylene	14	500	1,000	<0.0034	<0.0058	<0.0061	<0.0043
cis-1,3-Dichloropropene	NS	NS	NS	<0.0034	<0.0058	<0.0061	<0.0043
Dibromomethane	NS	NS	NS	<0.0034	<0.0058	<0.0061	<0.0043
Dichlorodifluoromethane	NS	NS	NS	<0.034	<0.058	<0.061	<0.043
Ethylbenzene	10.1	500	1,000	<0.0034	<0.0058	<0.0061	<0.0043
Hexachlorobutadiene	1	7.9	73	<0.0034	<0.0058	<0.0061	<0.0043
Isopropylbenzene	132	500	1,000	<0.0069	<0.012	<0.012	<0.0086
m+p Xylene	See Totals	See Totals	See Totals	<0.0069	<0.012	<0.012	<0.0086
Methyl tert-Butyl Ether	20	500	1,000	<0.0069	<0.012	<0.012	<0.0086
Methylene Chloride	1	82	760	<0.034	<0.058	<0.061	<0.043
Naphthalene	56	1,000	2,500	<0.0069	<0.012	<0.012	0.19
n-Butylbenzene	14	500	1,000	<0.0069	<0.012	<0.012	<0.0086
n-Propylbenzene	14	500	1,000	<0.0034	<0.0058	0.015	<0.0043
o-Xylene	See Totals	See Totals	See Totals	<0.0034	<0.0058	<0.0061	<0.0043
p-Isopropyltoluene	41.8	500	1,000	<0.0034	<0.0058	0.01	0.0059
sec-Butylbenzene	14	500	1,000	<0.0034	<0.0058	<0.0061	<0.0043
Styrene	20	500	1,000	<0.0034	<0.0058	<0.0061	<0.0043
tert-Butylbenzene	14	500	1,000	<0.0034	<0.0058	<0.0061	<0.0043
Tetrachloroethylene	1	12	110	<0.0034	<0.0058	<0.0061	<0.0043
Tetrahydrofuran	NS	NS	NS	<0.017	<0.029	<0.030	<0.021
Toluene	67	500	1,000	<0.0034	<0.0058	<0.0061	<0.0043
Total Xylenes	19.5	500	1,000	ND	ND	ND	ND
trans-1,2-Dichloroethylene	20	500	1,000	<0.0034	<0.0058	<0.0061	<0.0043
trans-1,3-Dichloropropene	NS	NS	NS	<0.0069	<0.012	<0.012	<0.0086
trans-1,4-Dichloro-2-butene	NS	NS	NS	<0.0069	<0.012	<0.012	<0.0086
Trichloroethylene	1	56	520	<0.0034	<0.0058	<0.0061	<0.0043
Trichlorofluoromethane	260	500	1,000	<0.017	<0.029	<0.030	<0.021
Vinyl Chloride	0.4	0.32	3	<0.017	<0.029	<0.030	<0.021

Table 5
GDC Site
6 Rubber Avenue, Naugatuck, CT
Soil Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Units=mg/Kg	CT DEP GB PMC	CT DEP RDEC	CT DEP I/C DEC	TP-07 (6-8) 10L0090-04 12/2/2010	TP-11 (0-2) 10L0028-04 12/1/2010	TP-14 (7-9) 10L0137-04 12/3/2010	TP-14B (7-9) 10L0137-05 12/3/2010	TP-15 (6-8) 10L0137-02 12/3/2010
1,1,1,2-Tetrachloroethane	0.2	24	220	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
1,1,1-Trichloroethane	40	500	1,000	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
1,1,2,2-Tetrachloroethane	0.1	3.1	29	<0.0011	<0.00073	<0.00095	<0.00097	<0.0012
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NS	<0.011	<0.0073	<0.0095	<0.0097	<0.012
1,1,2-Trichloroethane	1	11	100	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
1,1-Dichloroethane	14	500	1,000	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
1,1-Dichloroethylene	1.4	1	9.5	<0.0045	<0.0029	<0.0038	<0.0039	<0.0047
1,1-Dichloropropene	NS	NS	NS	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
1,2,3-Trichlorobenzene	NS	NS	NS	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
1,2,3-Trichloropropane	NS	NS	NS	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
1,2,4-Trichlorobenzene	14	680	2,500	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
1,2,4-Trimethylbenzene	70	500	1,000	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
1,2-Dibromo-3-chloropropane	NS	0.44	4.1	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
1,2-Dibromoethane	0.1	0.007	0.067	<0.0011	<0.00073	<0.00095	<0.00097	<0.0012
1,2-Dichlorobenzene	3.1	500	1,000	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
1,2-Dichloroethane	0.2	6.7	63	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
1,2-Dichloropropane	1	9	84	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
1,3,5-Trimethylbenzene	70	500	1,000	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
1,3-Dichlorobenzene	120	500	1,000	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
1,3-Dichloropropane	NS	NS	NS	<0.0011	<0.00073	<0.00095	<0.00097	<0.0012
1,4-Dichlorobenzene	15	26	240	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
2,2-Dichloropropane	NS	NS	NS	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
2-Butanone	80	500	1,000	<0.045	<0.029	<0.038	<0.039	<0.047
2-Chlorotoluene	2	500	1,000	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
2-Hexanone	NS	NS	NS	<0.022	<0.015	<0.019	<0.019	<0.023
4-Chlorotoluene	2	500	1,000	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
4-Methyl-2-pentanone	14	500	1,000	<0.022	<0.015	<0.019	<0.019	<0.023
Acetone	140	500	1,000	<0.11	<0.073	<0.095	<0.097	<0.12
Acrylonitrile	0.1	1.1	11	<0.0067	<0.0044	<0.0057	<0.0058	<0.0070
Benzene	0.2	21	200	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
Bromobenzene	NS	NS	NS	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
Bromodichloromethane	0.11	9.9	92	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
Bromoform	0.8	78	720	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
Bromomethane	2	95	1,000	<0.011	<0.0073	<0.0095	<0.0097	<0.012
Carbon Disulfide	140	500	1,000	<0.0067	<0.0044	<0.0057	<0.0058	<0.0070
Carbon Tetrachloride	1	4.7	44	<0.0045	<0.0029	<0.0038	<0.0039	<0.0047
Chlorobenzene	20	500	1,000	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
Chlorodibromomethane	0.1	7.3	68	<0.0045	<0.0029	<0.0038	<0.0039	<0.0047
Chloroethane	NS	NS	NS	<0.022	<0.015	<0.019	<0.019	<0.023
Chloroform	1.2	100	940	<0.0045	<0.0029	<0.0038	<0.0039	<0.0047
Chloromethane	0.54	47	440	<0.011	<0.0073	<0.0095	<0.0097	<0.012
cis-1,2-Dichloroethylene	14	500	1,000	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
cis-1,3-Dichloropropene	NS	NS	NS	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
Dibromomethane	NS	NS	NS	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
Dichlorodifluoromethane	NS	NS	NS	<0.022	<0.015	<0.019	<0.019	<0.023
Ethylbenzene	10.1	500	1,000	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
Hexachlorobutadiene	1	7.9	73	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
Isopropylbenzene	132	500	1,000	<0.0045	<0.0029	<0.0038	<0.0039	<0.0047
m+p Xylene	See Totals	See Totals	See Totals	<0.0045	<0.0029	<0.0038	<0.0039	<0.0047
Methyl tert-Butyl Ether	20	500	1,000	<0.0045	<0.0029	<0.0038	<0.0039	<0.0047
Methylene Chloride	1	82	760	<0.022	<0.015	<0.019	<0.019	<0.023
Naphthalene	56	1,000	2,500	0.0062	<0.0029	<0.0038	<0.0039	<0.0047
n-Butylbenzene	14	500	1,000	<0.0045	<0.0029	<0.0038	<0.0039	<0.0047
n-Propylbenzene	14	500	1,000	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
o-Xylene	See Totals	See Totals	See Totals	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
p-Isopropyltoluene	41.8	500	1,000	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
sec-Butylbenzene	14	500	1,000	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
Styrene	20	500	1,000	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
tert-Butylbenzene	14	500	1,000	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
Tetrachloroethylene	1	12	110	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
Tetrahydrofuran	NS	NS	NS	<0.011	<0.0073	<0.0095	<0.0097	<0.012
Toluene	67	500	1,000	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
Total Xylenes	19.5	500	1,000	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene	20	500	1,000	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
trans-1,3-Dichloropropene	NS	NS	NS	<0.0045	<0.0029	<0.0038	<0.0039	<0.0047
trans-1,4-Dichloro-2-butene	NS	NS	NS	<0.0045	<0.0029	<0.0038	<0.0039	<0.0047
Trichloroethylene	1	56	520	<0.0022	<0.0015	<0.0019	<0.0019	<0.0023
Trichlorofluoromethane	260	500	1,000	<0.011	<0.0073	<0.0095	<0.0097	<0.012
Vinyl Chloride	0.4	0.32	3	<0.011	<0.0073	<0.0095	<0.0097	<0.012

Table 6
GDC Site
6 Rubber Avenue, Naugatuck, CT
Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Units=mg/Kg	CT DEP GB PMC	CT DEP RDEC	CT DEP I/C DEC	SB-106 (2-4) 10L0171-05 12/6/2010	SB-108 (11-13) 10L0171-06 12/6/2010	SB-110 (6-8) 10L0194-01 12/7/2010	SB-111 (6-8) 10L0194-02 12/7/2010	SB-113 (12-14) 10L0194-03 12/7/2010
1,2,4,5-Tetrachlorobenzene	0.4	20	NS	<0.35	<0.35	<0.44	<0.40	<0.39
1,2,4-Trichlorobenzene	14	680	2,500	<0.35	<0.35	<0.44	<0.40	<0.39
2,4,5-Trichlorophenol	140	1,000	2,500	<0.35	<0.35	<0.44	<0.40	<0.39
2,4,6-Trichlorophenol	1	56	520	<0.35	<0.35	<0.44	<0.40	<0.39
2,4-Dichlorophenol	4.2	203	NS	<0.35	<0.35	<0.44	<0.40	<0.39
2,4-Dimethylphenol	28	1,000	2,500	<0.35	<0.35	<0.44	<0.40	<0.39
2,4-Dinitrophenol	2.8	140	2,500	<0.67	<0.67	<0.86	<0.78	<0.75
2,4-Dinitrotoluene	2.8	140	2,500	<0.35	<0.35	<0.44	<0.40	<0.39
2,6-Dinitrotoluene	1.4	68	2,000	<0.35	<0.35	<0.44	<0.40	<0.39
2-Chloronaphthalene	110	1,000	2,500	<0.35	<0.35	<0.44	<0.40	<0.39
2-Chlorophenol	7	339	2,500	<0.35	<0.35	<0.44	<0.40	<0.39
2-Methylnaphthalene	9.8	474	2,500	<0.17	<0.17	<0.22	<0.20	<0.19
2-Methylphenol	70	1,000	2,500	<0.35	<0.35	<0.44	<0.40	<0.39
2-Nitroaniline	1.65	4.1	1,200	<0.35	<0.35	<0.44	<0.40	<0.39
2-Nitrophenol	11	540	2,500	<0.35	<0.35	<0.44	<0.40	<0.39
3,3-Dichlorobenzidine	0.33	1.4	13	<0.17	<0.17	<0.22	<0.20	<0.19
3/4-Methylphenol	NS	NS	NS	<0.35	<0.35	<0.44	<0.40	<0.39
3-Nitroaniline	4.2	200	2,500	<0.35	<0.35	<0.44	<0.40	<0.39
4,6-Dinitro-2-methylphenol	NS	NS	NS	<0.35	<0.35	<0.44	<0.40	<0.39
4-Bromophenylphenylether	82	500	1,000	<0.35	<0.35	<0.44	<0.40	<0.39
4-Chloro-3-methylphenol	NS	NS	NS	<0.67	<0.67	<0.86	<0.78	<0.75
4-Chloroaniline	5.6	270	2,500	<0.67	<0.67	<0.86	<0.78	<0.75
4-Chlorophenylphenylether	82	500	1,000	<0.35	<0.35	<0.44	<0.40	<0.39
4-Nitroaniline	4.2	200	2,500	<0.35	<0.35	<0.44	<0.40	<0.39
4-Nitrophenol	NS	NS	NS	<0.67	<0.67	<0.86	<0.78	<0.75
Acenaphthene	84	1,000	2,500	<0.17	<0.17	<0.22	<0.20	<0.19
Acenaphthylene	84	1,000	2,500	<0.17	<0.17	<0.22	<0.20	<0.19
Aniline	1.2	107	NS	<0.35	<0.35	<0.44	<0.40	<0.39
Anthracene	400	1,000	2,500	<0.17	<0.17	<0.22	<0.20	<0.19
Benzo(a)anthracene	1	1	7.8	<0.17	<0.17	<0.22	<0.20	<0.19
Benzo(a)pyrene	1	1	1	<0.17	<0.17	<0.22	<0.20	<0.19
Benzo(b)fluoranthene	1	1	7.8	<0.17	<0.17	<0.22	<0.20	<0.19
Benzo(g,h,i)perylene	42	1,000	2,500	<0.17	<0.17	<0.22	<0.20	<0.19
Benzo(k)fluoranthene	1	8.4	78	<0.17	<0.17	<0.22	<0.20	<0.19
Bis(2-chloroethoxy)methane	NS	NS	NS	<0.35	<0.35	<0.44	<0.40	<0.39
Bis(2-chloroethyl)ether	2.4	1	5.2	<0.35	<0.35	<0.44	<0.40	<0.39
Bis(2-chloroisopropyl)ether	2.4	8.8	82	<0.35	<0.35	<0.44	<0.40	<0.39
Bis(2-Ethylhexyl)phthalate	11	44	410	<0.35	<0.35	<0.44	<0.40	<0.39
Butylbenzylphthalate	200	1,000	2,500	<0.67	<0.67	<0.86	<0.78	<0.75
Carbazole	1	31	290	<0.17	<0.17	<0.22	<0.20	<0.19
Chrysene	1	84	780	<0.17	<0.17	<0.22	<0.20	<0.19
Dibenz(a,h)anthracene	1	1	1	<0.17	<0.17	<0.22	<0.20	<0.19
Dibenzofuran	5.6	270	2,500	<0.35	<0.35	<0.44	<0.40	<0.39
Diethylphthalate	1,100	1,000	1,000	<0.35	<0.35	<0.44	<0.40	<0.39
Dimethylphthalate	1,100	1,000	1,000	<0.67	<0.67	<0.86	<0.78	<0.75
Di-n-butylphthalate	140	1,000	2,500	<0.35	<0.35	<0.44	<0.40	<0.39
Di-n-octylphthalate	20	1,000	2,500	<0.67	<0.67	<0.86	<0.78	<0.75
Fluoranthene	56	1,000	2,500	<0.17	<0.17	<0.22	<0.20	<0.19
Fluorene	56	1,000	2,500	<0.17	<0.17	<0.22	<0.20	<0.19
Hexachlorobenzene	1	1	3.6	<0.35	<0.35	<0.44	<0.40	<0.39
Hexachlorobutadiene	1	7.9	73	<0.35	<0.35	<0.44	<0.40	<0.39
Hexachlorocyclopentadiene	9.8	470	2,500	<0.67	<0.67	<0.86	<0.78	<0.75
Hexachloroethane	1	44	410	<0.35	<0.35	<0.44	<0.40	<0.39
Indeno(1,2,3-cd)pyrene	1	1	7.8	<0.17	<0.17	<0.22	<0.20	<0.19
Isophorone	7.4	640	2,500	<0.35	<0.35	<0.44	<0.40	<0.39
Naphthalene	56	1,000	2,500	<0.17	<0.17	<0.22	<0.20	<0.19
Nitrobenzene	1	34	1,000	<0.35	<0.35	<0.44	<0.40	<0.39
N-Nitrosodi-n-propylamine	1	1	1	<0.35	<0.35	<0.44	<0.40	<0.39
N-Nitrosodiphenylamine	1.4	130	1,200	<0.35	<0.35	<0.44	<0.40	<0.39
Pentachloronitrobenzene	0.1	2.4	NS	<0.35	<0.35	<0.44	<0.40	<0.39
Pentachlorophenol	1	5.1	48	<0.35	<0.35	<0.44	<0.40	<0.39
Phenanthrene	40	1,000	2,500	<0.17	<0.17	<0.22	<0.20	<0.19
Phenol	800	1,000	2,500	<0.35	<0.35	<0.44	<0.40	<0.39
Pyrene	40	1,000	2,500	<0.17	<0.17	<0.22	<0.20	<0.19
Pyridine	0.14	7	NS	<0.35	<0.35	<0.44	<0.40	<0.39

Table 6
GDC Site
6 Rubber Avenue, Naugatuck, CT
Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Units=mg/Kg	CT DEP GB PMC	CT DEP RDEC	CT DEP I/C DEC	SB-114 (12-14) 10L0194-04 12/7/2010	SB-122 (4-6) 10L0291-02 12/9/2010	SB-123 (9-11) 10L0291-04 12/9/2010	SB-123B (9-11) 10L0291-05 12/9/2010	SB-124 (0-2) 10L0291-06 12/9/2010
1,2,4,5-Tetrachlorobenzene	0.4	20	NS	<0.35	<0.38	<0.34	<0.34	<0.37
1,2,4-Trichlorobenzene	14	680	2,500	<0.35	<0.38	<0.34	<0.34	<0.37
2,4,5-Trichlorophenol	140	1,000	2,500	<0.35	<0.38	<0.34	<0.34	<0.37
2,4,6-Trichlorophenol	1	56	520	<0.35	<0.38	<0.34	<0.34	<0.37
2,4-Dichlorophenol	4.2	203	NS	<0.35	<0.38	<0.34	<0.34	<0.37
2,4-Dimethylphenol	28	1,000	2,500	<0.35	<0.38	<0.34	<0.34	<0.37
2,4-Dinitrophenol	2.8	140	2,500	<0.68	<0.74	<0.67	<0.67	<0.72
2,4-Dinitrotoluene	2.8	140	2,500	<0.35	<0.38	<0.34	<0.34	<0.37
2,6-Dinitrotoluene	1.4	68	2,000	<0.35	<0.38	<0.34	<0.34	<0.37
2-Chloronaphthalene	110	1,000	2,500	<0.35	<0.38	<0.34	<0.34	<0.37
2-Chlorophenol	7	339	2,500	<0.35	<0.38	<0.34	<0.34	<0.37
2-Methylnaphthalene	9.8	474	2,500	<0.18	<0.19	<0.17	<0.17	<0.19
2-Methylphenol	70	1,000	2,500	<0.35	<0.38	<0.34	<0.34	<0.37
2-Nitroaniline	1.65	4.1	1,200	<0.35	<0.38	<0.34	<0.34	<0.37
2-Nitrophenol	11	540	2,500	<0.35	<0.38	<0.34	<0.34	<0.37
3,3-Dichlorobenzidine	0.33	1.4	13	<0.18	<0.19	<0.17	<0.17	<0.19
3/4-Methylphenol	NS	NS	NS	<0.35	<0.38	<0.34	<0.34	<0.37
3-Nitroaniline	4.2	200	2,500	<0.35	<0.38	<0.34	<0.34	<0.37
4,6-Dinitro-2-methylphenol	NS	NS	NS	<0.35	<0.38	<0.34	<0.34	<0.37
4-Bromophenylphenylether	82	500	1,000	<0.35	<0.38	<0.34	<0.34	<0.37
4-Chloro-3-methylphenol	NS	NS	NS	<0.68	<0.74	<0.67	<0.67	<0.72
4-Chloroaniline	5.6	270	2,500	<0.68	<0.74	<0.67	<0.67	<0.72
4-Chlorophenylphenylether	82	500	1,000	<0.35	<0.38	<0.34	<0.34	<0.37
4-Nitroaniline	4.2	200	2,500	<0.35	<0.38	<0.34	<0.34	<0.37
4-Nitrophenol	NS	NS	NS	<0.68	<0.74	<0.67	<0.67	<0.72
Acenaphthene	84	1,000	2,500	<0.18	<0.19	<0.17	<0.17	<0.19
Acenaphthylene	84	1,000	2,500	<0.18	<0.19	<0.17	<0.17	<0.19
Aniline	1.2	107	NS	<0.35	<0.38	<0.34	<0.34	<0.37
Anthracene	400	1,000	2,500	<0.18	<0.19	<0.17	<0.17	<0.19
Benzo(a)anthracene	1	1	7.8	<0.18	<0.19	<0.17	<0.17	<0.19
Benzo(a)pyrene	1	1	1	<0.18	<0.19	<0.17	<0.17	0.21
Benzo(b)fluoranthene	1	1	7.8	<0.18	<0.19	<0.17	<0.17	0.24
Benzo(g,h,i)perylene	42	1,000	2,500	<0.18	<0.19	<0.17	<0.17	0.2
Benzo(k)fluoranthene	1	8.4	78	<0.18	<0.19	<0.17	<0.17	<0.19
Bis(2-chloroethoxy)methane	NS	NS	NS	<0.35	<0.38	<0.34	<0.34	<0.37
Bis(2-chloroethyl)ether	2.4	1	5.2	<0.35	<0.38	<0.34	<0.34	<0.37
Bis(2-chloroisopropyl)ether	2.4	8.8	82	<0.35	<0.38	<0.34	<0.34	<0.37
Bis(2-Ethylhexyl)phthalate	11	44	410	<0.35	<0.38	<0.34	<0.34	<0.37
Butylbenzylphthalate	200	1,000	2,500	<0.68	<0.74	<0.67	<0.67	<0.72
Carbazole	1	31	290	<0.18	<0.19	<0.17	<0.17	<0.19
Chrysene	1	84	780	<0.18	<0.19	<0.17	<0.17	0.19
Dibenz(a,h)anthracene	1	1	1	<0.18	<0.19	<0.17	<0.17	<0.19
Dibenzofuran	5.6	270	2,500	<0.35	<0.38	<0.34	<0.34	<0.37
Diethylphthalate	1,100	1,000	1,000	<0.35	<0.38	<0.34	<0.34	<0.37
Dimethylphthalate	1,100	1,000	1,000	<0.68	<0.74	<0.67	<0.67	<0.72
Di-n-butylphthalate	140	1,000	2,500	<0.35	<0.38	<0.34	<0.34	<0.37
Di-n-octylphthalate	20	1,000	2,500	<0.68	<0.74	<0.67	<0.67	<0.72
Fluoranthene	56	1,000	2,500	<0.18	<0.19	<0.17	<0.17	0.27
Fluorene	56	1,000	2,500	<0.18	<0.19	<0.17	<0.17	<0.19
Hexachlorobenzene	1	1	3.6	<0.35	<0.38	<0.34	<0.34	<0.37
Hexachlorobutadiene	1	7.9	73	<0.35	<0.38	<0.34	<0.34	<0.37
Hexachlorocyclopentadiene	9.8	470	2,500	<0.68	<0.74	<0.67	<0.67	<0.72
Hexachloroethane	1	44	410	<0.35	<0.38	<0.34	<0.34	<0.37
Indeno(1,2,3-cd)pyrene	1	1	7.8	<0.18	<0.19	<0.17	<0.17	0.21
Isophorone	7.4	640	2,500	<0.35	<0.38	<0.34	<0.34	<0.37
Naphthalene	56	1,000	2,500	<0.18	<0.19	<0.17	<0.17	<0.19
Nitrobenzene	1	34	1,000	<0.35	<0.38	<0.34	<0.34	<0.37
N-Nitrosodi-n-propylamine	1	1	1	<0.35	<0.38	<0.34	<0.34	<0.37
N-Nitrosodiphenylamine	1.4	130	1,200	<0.35	<0.38	<0.34	<0.34	<0.37
Pentachloronitrobenzene	0.1	2.4	NS	<0.35	<0.38	<0.34	<0.34	<0.37
Pentachlorophenol	1	5.1	48	<0.35	<0.38	<0.34	<0.34	<0.37
Phenanthrene	40	1,000	2,500	<0.18	<0.19	<0.17	<0.17	<0.19
Phenol	800	1,000	2,500	<0.35	<0.38	<0.34	<0.34	<0.37
Pyrene	40	1,000	2,500	<0.18	<0.19	<0.17	<0.17	0.31
Pyridine	0.14	7	NS	<0.35	<0.38	<0.34	<0.34	<0.37

Table 6
GDC Site
6 Rubber Avenue, Naugatuck, CT
Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Units=mg/Kg	CT DEP GB PMC	CT DEP RDEC	CT DEP I/C DEC	SB-126 (2-4) 10L0291-10 12/9/2010	SB-126 (8-10) 10L0291-11 12/9/2010	SB-127 (0-2) 11A0018-01 12/29/2010	SB-132 (0-2) 11A0018-04 12/29/2010	SB-142 (13-15) 11A0018-26 12/29/2010
1,2,4,5-Tetrachlorobenzene	0.4	20	NS	<0.39	<0.40	NA	NA	NA
1,2,4-Trichlorobenzene	14	680	2,500	<0.39	<0.40	NA	NA	NA
2,4,5-Trichlorophenol	140	1,000	2,500	<0.39	<0.40	NA	NA	NA
2,4,6-Trichlorophenol	1	56	520	<0.39	<0.40	NA	NA	NA
2,4-Dichlorophenol	4.2	203	NS	<0.39	<0.40	NA	NA	NA
2,4-Dimethylphenol	28	1,000	2,500	<0.39	<0.40	NA	NA	NA
2,4-Dinitrophenol	2.8	140	2,500	<0.77	<0.77	NA	NA	NA
2,4-Dinitrotoluene	2.8	140	2,500	<0.39	<0.40	NA	NA	NA
2,6-Dinitrotoluene	1.4	68	2,000	<0.39	<0.40	NA	NA	NA
2-Chloronaphthalene	110	1,000	2,500	<0.39	<0.40	NA	NA	NA
2-Chlorophenol	7	339	2,500	<0.39	<0.40	NA	NA	NA
2-Methylnaphthalene	9.8	474	2,500	<0.20	<0.20	<0.71	0.92	<1.1
2-Methylphenol	70	1,000	2,500	<0.39	<0.40	NA	NA	NA
2-Nitroaniline	1.65	4.1	1,200	<0.39	<0.40	NA	NA	NA
2-Nitrophenol	11	540	2,500	<0.39	<0.40	NA	NA	NA
3,3-Dichlorobenzidine	0.33	1.4	13	<0.20	<0.20	NA	NA	NA
3/4-Methylphenol	NS	NS	NS	<0.39	<0.40	NA	NA	NA
3-Nitroaniline	4.2	200	2,500	<0.39	<0.40	NA	NA	NA
4,6-Dinitro-2-methylphenol	NS	NS	NS	<0.39	<0.40	NA	NA	NA
4-Bromophenylphenylether	82	500	1,000	<0.39	<0.40	NA	NA	NA
4-Chloro-3-methylphenol	NS	NS	NS	<0.77	<0.77	NA	NA	NA
4-Chloroaniline	5.6	270	2,500	<0.77	<0.77	NA	NA	NA
4-Chlorophenylphenylether	82	500	1,000	<0.39	<0.40	NA	NA	NA
4-Nitroaniline	4.2	200	2,500	<0.39	<0.40	NA	NA	NA
4-Nitrophenol	NS	NS	NS	<0.77	<0.77	NA	NA	NA
Acenaphthene	84	1,000	2,500	<0.20	<0.20	<0.71	1.9	<1.1
Acenaphthylene	84	1,000	2,500	<0.20	<0.20	2	0.34	<1.1
Aniline	1.2	107	NS	<0.39	<0.40	NA	NA	NA
Anthracene	400	1,000	2,500	<0.20	<0.20	1.3	2.5	2.3
Benzo(a)anthracene	1	1	7.8	<0.20	<0.20	**14**	**5.2**	**6.8** #
Benzo(a)pyrene	1	1	1	<0.20	<0.20	**13**	**4**	**6** #
Benzo(b)fluoranthene	1	1	7.8	<0.20	<0.20	**14**	**5.6**	**6** #
Benzo(g,h,i)perylene	42	1,000	2,500	0.5	<0.20	5.8	1.5	3.7
Benzo(k)fluoranthene	1	8.4	78	0.22	<0.20	**7.6**	**2.4**	**3.5** #
Bis(2-chloroethoxy)methane	NS	NS	NS	<0.39	<0.40	NA	NA	NA
Bis(2-chloroethyl)ether	2.4	1	5.2	<0.39	<0.40	NA	NA	NA
Bis(2-chloroisopropyl)ether	2.4	8.8	82	<0.39	<0.40	NA	NA	NA
Bis(2-Ethylhexyl)phthalate	11	44	410	<0.39	<0.40	NA	NA	NA
Butylbenzylphthalate	200	1,000	2,500	<0.77	<0.77	NA	NA	NA
Carbazole	1	31	290	<0.20	<0.20	NA	NA	NA
Chrysene	1	84	780	<0.20	<0.20	**14**	**5.3**	**7.9** #
Dibenz(a,h)anthracene	1	1	1	<0.20	<0.20	**2**	<0.18	<1.1
Dibenzofuran	5.6	270	2,500	<0.39	<0.40	NA	NA	NA
Diethylphthalate	1,100	1,000	1,000	<0.39	<0.40	NA	NA	NA
Dimethylphthalate	1,100	1,000	1,000	<0.77	<0.77	NA	NA	NA
Di-n-butylphthalate	140	1,000	2,500	<0.39	<0.40	NA	NA	NA
Di-n-octylphthalate	20	1,000	2,500	<0.77	<0.77	NA	NA	NA
Fluoranthene	56	1,000	2,500	0.21	<0.20	16	11	15
Fluorene	56	1,000	2,500	<0.20	<0.20	<0.71	1.6	1.3
Hexachlorobenzene	1	1	3.6	<0.39	<0.40	NA	NA	NA
Hexachlorobutadiene	1	7.9	73	<0.39	<0.40	NA	NA	NA
Hexachlorocyclopentadiene	9.8	470	2,500	<0.77	<0.77	NA	NA	NA
Hexachloroethane	1	44	410	<0.39	<0.40	NA	NA	NA
Indeno(1,2,3-cd)pyrene	1	1	7.8	0.28	<0.20	**8.4**	**2**	**4.4** #
Isophorone	7.4	640	2,500	<0.39	<0.40	NA	NR	NR
Naphthalene	56	1,000	2,500	<0.20	<0.20	<0.71	0.99	<1.1
Nitrobenzene	1	34	1,000	<0.39	<0.40	NA	NA	NA
N-Nitrosodi-n-propylamine	1	1	1	<0.39	<0.40	NA	NA	NA
N-Nitrosodiphenylamine	1.4	130	1,200	<0.39	<0.40	NA	NA	NA
Pentachloronitrobenzene	0.1	2.4	NS	<0.39	<0.40	NA	NA	NA
Pentachlorophenol	1	5.1	48	<0.39	<0.40	NA	NA	NA
Phenanthrene	40	1,000	2,500	<0.20	<0.20	1.3	10	11
Phenol	800	1,000	2,500	<0.39	<0.40	NA	NA	NA
Pyrene	40	1,000	2,500	0.24	<0.20	19	9.9	13
Pyridine	0.14	7	NS	<0.39	<0.40	NA	NA	NA

Table 6
GDC Site
6 Rubber Avenue, Naugatuck, CT
Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Units=mg/Kg	CT DEP GB PMC	CT DEP RDEC	CT DEP I/C DEC	SB-146 (2-4) 11A0018-12 12/30/2010	SB-149 (12-14) 11A0018-18 12/30/2010	Sump-1 10L0264-01 12/8/2010	Sump-2 10L0264-05 12/8/2010	Sump-3 10L0264-07 12/8/2010
1,2,4,5-Tetrachlorobenzene	0.4	20	NS	NA	NA	<0.42	<0.43	<1.5
1,2,4-Trichlorobenzene	14	680	2,500	NA	NA	<0.42	<0.43	<3.0
2,4,5-Trichlorophenol	140	1,000	2,500	NA	NA	<0.42	<0.43	<3.0
2,4,6-Trichlorophenol	1	56	520	NA	NA	<0.42	<0.43	<3.0
2,4-Dichlorophenol	4.2	203	NS	NA	NA	<0.42	<0.43	<1.5
2,4-Dimethylphenol	28	1,000	2,500	NA	NA	<0.42	<0.43	<1.5
2,4-Dinitrophenol	2.8	140	2,500	NA	NA	<0.82	<0.84	<5.8
2,4-Dinitrotoluene	2.8	140	2,500	NA	NA	<0.42	<0.43	<1.5
2,6-Dinitrotoluene	1.4	68	2,000	NA	NA	<0.84	<0.43	<3.0
2-Chloronaphthalene	110	1,000	2,500	NA	NA	<0.42	<0.43	<1.5
2-Chlorophenol	7	339	2,500	NA	NA	<0.42	<0.43	<1.5
2-Methylnaphthalene	9.8	474	2,500	<0.76	<0.22	<0.21	<0.22	<0.75
2-Methylphenol	70	1,000	2,500	NA	NA	<0.42	<0.43	<3.0
2-Nitroaniline	1.65	4.1	1,200	NA	NA	<0.42	<0.43	<3.0
2-Nitrophenol	11	540	2,500	NA	NA	<0.42	<0.43	<3.0
3,3-Dichlorobenzidine	0.33	1.4	13	NA	NA	<0.21	<0.22	<0.75
3/4-Methylphenol	NS	NS	NS	NA	NA	<0.42	<0.43	<3.0
3-Nitroaniline	4.2	200	2,500	NA	NA	<0.42	<0.43	<1.5
4,6-Dinitro-2-methylphenol	NS	NS	NS	NA	NA	<0.84	<0.43	<3.0
4-Bromophenylphenylether	82	500	1,000	NA	NA	<0.42	<0.43	<3.0
4-Chloro-3-methylphenol	NS	NS	NS	NA	NA	<0.82	<0.84	<5.8
4-Chloroaniline	5.6	270	2,500	NA	NA	<0.82	<0.84	<2.9
4-Chlorophenylphenylether	82	500	1,000	NA	NA	<0.42	<0.43	<1.5
4-Nitroaniline	4.2	200	2,500	NA	NA	<0.42	<0.43	<3.0
4-Nitrophenol	NS	NS	NS	NA	NA	<0.82	<0.84	<5.8
Acenaphthene	84	1,000	2,500	<0.76	<0.22	<0.21	<0.22	<0.75
Acenaphthylene	84	1,000	2,500	<0.76	<0.22	<0.42	<0.22	<0.75
Aniline	1.2	107	NS	NA	NA	<0.84	<0.43	<3.0
Anthracene	400	1,000	2,500	<0.76	<0.22	<0.42	<0.22	<0.75
Benzo(a)anthracene	1	1	7.8	1	0.65	0.68	<0.22	**5.7**
Benzo(a)pyrene	1	1	1	**1.1**	0.67	0.71	<0.22	**6.3**
Benzo(b)fluoranthene	1	1	7.8	**1.4**	**1.1** #	0.76	<0.22	**8.3**
Benzo(g,h,i)perylene	42	1,000	2,500	<0.76	0.68	0.66	<0.22	6.4
Benzo(k)fluoranthene	1	8.4	78	<0.76	0.36	<0.42	<0.22	**3.1**
Bis(2-chloroethoxy)methane	NS	NS	NS	NA	NA	<0.84	<0.43	<3.0
Bis(2-chloroethyl)ether	2.4	1	5.2	NA	NA	<0.84	<0.43	<1.5
Bis(2-chloroisopropyl)ether	2.4	8.8	82	NA	NA	<0.42	<0.43	<1.5
Bis(2-Ethylhexyl)phthalate	11	44	410	NA	NA	8	<0.43	17
Butylbenzylphthalate	200	1,000	2,500	NA	NA	<1.6	<0.84	<2.9
Carbazole	1	31	290	NA	NA	<0.42	<0.22	<1.5
Chrysene	1	84	780	**1.1**	**1.1** #	0.86	<0.22	**6.8**
Dibenz(a,h)anthracene	1	1	1	<0.76	<0.22	<0.21	<0.22	**2**
Dibenzofuran	5.6	270	2,500	NA	NA	<0.42	<0.43	<1.5
Diethylphthalate	1,100	1,000	1,000	NA	NA	<0.42	<0.43	<1.5
Dimethylphthalate	1,100	1,000	1,000	NA	NA	<0.82	<0.84	<5.8
Di-n-butylphthalate	140	1,000	2,500	NA	NA	4.6	<0.43	<1.5
Di-n-octylphthalate	20	1,000	2,500	NA	NA	<0.82	<0.84	<2.9
Fluoranthene	56	1,000	2,500	1.8	1.4	1.1	<0.22	6.8
Fluorene	56	1,000	2,500	<0.76	<0.22	<0.21	<0.22	<1.5
Hexachlorobenzene	1	1	3.6	NA	NA	<0.42	<0.43	<1.5
Hexachlorobutadiene	1	7.9	73	NA	NA	<0.42	<0.43	<1.5
Hexachlorocyclopentadiene	9.8	470	2,500	NA	NA	<1.6	<0.84	<2.9
Hexachloroethane	1	44	410	NA	NA	<0.84	<0.43	<1.5
Indeno(1,2,3-cd)pyrene	1	1	7.8	<0.76	0.71	0.75	<0.22	**7.8**
Isophorone	7.4	640	2,500	NA	NA	<0.42	<0.43	<1.5
Naphthalene	56	1,000	2,500	<0.76	<0.22	<0.21	<0.22	<0.75
Nitrobenzene	1	34	1,000	NA	NA	<0.42	<0.43	<3.0
N-Nitrosodi-n-propylamine	1	1	1	NA	NA	<0.42	<0.43	<1.5
N-Nitrosodiphenylamine	1.4	130	1,200	NA	NA	<0.42	<0.43	<3.0
Pentachloronitrobenzene	0.1	2.4	NS	NA	NA	<0.84	<0.43	<3.0
Pentachlorophenol	1	5.1	48	NA	NA	<0.84	<0.43	<3.0
Phenanthrene	40	1,000	2,500	1.5	1.3	0.76	<0.22	1.9
Phenol	800	1,000	2,500	NA	NA	<0.84	<0.43	<1.5
Pyrene	40	1,000	2,500	1.4	1.2	1.8	<0.22	7.1
Pyridine	0.14	7	NS	NA	NA	<0.42	<0.43	<1.5

Table 6
GDC Site
6 Rubber Avenue, Naugatuck, CT
Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Units=mg/Kg	CT DEP GB PMC	CT DEP RDEC	CT DEP I/C DEC	Sump-4 10L0264-08 12/8/2010	TP-01 (2-4) 10K0881-01 11/30/2010	TP-03 (2-4) 10K0881-03 11/30/2010	TP-03A (10-12) 10K0881-04 11/30/2010	TP-04 (0-2) 10L0090-05 12/2/2010
1,2,4,5-Tetrachlorobenzene	0.4	20	NS	<0.87	<0.73	<0.78	<0.36	<0.91
1,2,4-Trichlorobenzene	14	680	2,500	<0.87	<0.73	<0.78	<0.36	<4.5
2,4,5-Trichlorophenol	140	1,000	2,500	<0.87	<0.73	<0.78	<0.36	<0.91
2,4,6-Trichlorophenol	1	56	520	<0.87	<0.73	<0.78	<0.36	<4.5
2,4-Dichlorophenol	4.2	203	NS	<0.87	<0.73	<0.78	<0.36	<4.5
2,4-Dimethylphenol	28	1,000	2,500	<0.87	<0.73	<0.78	<0.36	<4.5
2,4-Dinitrophenol	2.8	140	2,500	<1.7	<1.4	<1.5	<0.69	<1.8
2,4-Dinitrotoluene	2.8	140	2,500	<0.87	<0.73	<0.78	<0.36	<0.91
2,6-Dinitrotoluene	1.4	68	2,000	<0.87	<0.73	<0.78	<0.36	<0.91
2-Chloronaphthalene	110	1,000	2,500	<0.87	<0.73	<0.78	<0.36	<4.5
2-Chlorophenol	7	339	2,500	<0.87	<0.73	<0.78	<0.36	<0.91
2-Methylnaphthalene	9.8	474	2,500	<0.43	<0.37	<0.39	<0.18	<0.45
2-Methylphenol	70	1,000	2,500	<0.87	<0.73	<0.78	<0.36	<4.5
2-Nitroaniline	1.65	4.1	1,200	<0.87	<0.73	<0.78	<0.36	<0.91
2-Nitrophenol	11	540	2,500	<0.87	<0.73	<0.78	<0.36	<0.91
3,3-Dichlorobenzidine	0.33	1.4	13	<0.43	<0.37	<0.39	<0.18	<0.45
3/4-Methylphenol	NS	NS	NS	<0.87	<0.73	<0.78	<0.36	<4.5
3-Nitroaniline	4.2	200	2,500	<0.87	<0.73	<0.78	<0.36	<0.91
4,6-Dinitro-2-methylphenol	NS	NS	NS	<0.87	<0.73	<0.78	<0.36	<0.91
4-Bromophenylphenylether	82	500	1,000	<0.87	<0.73	<0.78	<0.36	<0.91
4-Chloro-3-methylphenol	NS	NS	NS	<1.7	<1.4	<1.5	<0.69	<8.8
4-Chloroaniline	5.6	270	2,500	<1.7	<1.4	<1.5	<0.69	<1.8
4-Chlorophenylphenylether	82	500	1,000	<0.87	<0.73	<0.78	<0.36	<4.5
4-Nitroaniline	4.2	200	2,500	<0.87	<0.73	<0.78	<0.36	<4.5
4-Nitrophenol	NS	NS	NS	<1.7	<1.4	<1.5	<0.69	<1.8
Acenaphthene	84	1,000	2,500	<0.43	<0.37	<0.39	<0.18	<0.45
Acenaphthylene	84	1,000	2,500	<0.43	<0.37	<0.39	<0.18	0.51
Aniline	1.2	107	NS	<0.87	<0.73	<0.78	<0.36	<4.5
Anthracene	400	1,000	2,500	<0.43	<0.37	0.86	<0.18	2.4
Benzo(a)anthracene	1	1	7.8	<0.43	<0.37	**4.4** *	<0.18	**12** *
Benzo(a)pyrene	1	1	1	<0.43	<0.37	**4.8** *	<0.18	**11** *
Benzo(b)fluoranthene	1	1	7.8	<0.43	0.57	**6.7** *	<0.18	**13** *
Benzo(g,h,i)perylene	42	1,000	2,500	<0.43	<0.37	2.1	<0.18	7.6
Benzo(k)fluoranthene	1	8.4	78	<0.43	<0.37	**2.6** *	<0.18	**4.9** *
Bis(2-chloroethoxy)methane	NS	NS	NS	<0.87	<0.73	<0.78	<0.36	<4.5
Bis(2-chloroethyl)ether	2.4	1	5.2	<0.87	<0.73	<0.78	<0.36	<0.91
Bis(2-chloroisopropyl)ether	2.4	8.8	82	<0.87	<0.73	<0.78	<0.36	<0.91
Bis(2-Ethylhexyl)phthalate	11	44	410	10	<0.73	<0.78	<0.36	<4.5
Butylbenzylphthalate	200	1,000	2,500	<1.7	<1.4	<1.5	<0.69	<1.8
Carbazole	1	31	290	<0.43	<0.37	<0.39	<0.18	0.69
Chrysene	1	84	780	<0.43	0.38	**4.5** *	<0.18	**13** *
Dibenz(a,h)anthracene	1	1	1	<0.43	<0.37	0.71	<0.18	**2** *
Dibenzofuran	5.6	270	2,500	<0.87	<0.73	<0.78	<0.36	<4.5
Diethylphthalate	1,100	1,000	1,000	<0.87	<0.73	<0.78	<0.36	<0.91
Dimethylphthalate	1,100	1,000	1,000	<1.7	<1.4	<1.5	<0.69	<1.8
Di-n-butylphthalate	140	1,000	2,500	<0.87	<0.73	2.3	<0.36	<0.91
Di-n-octylphthalate	20	1,000	2,500	<1.7	<1.4	<1.5	<0.69	<1.8
Fluoranthene	56	1,000	2,500	<0.43	0.49	6.9	<0.18	25
Fluorene	56	1,000	2,500	<0.43	<0.37	<0.39	<0.18	<2.3
Hexachlorobenzene	1	1	3.6	<0.87	<0.73	<0.78	<0.36	<0.91
Hexachlorobutadiene	1	7.9	73	<0.87	<0.73	<0.78	<0.36	<0.91
Hexachlorocyclopentadiene	9.8	470	2,500	<1.7	<1.4	<1.5	<0.69	<1.8
Hexachloroethane	1	44	410	<0.87	<0.73	<0.78	<0.36	<0.91
Indeno(1,2,3-cd)pyrene	1	1	7.8	<0.43	<0.37	**2.8** *	<0.18	**9.7** *
Isophorone	7.4	640	2,500	<0.87	<0.73	<0.78	<0.36	<0.91
Naphthalene	56	1,000	2,500	<0.43	<0.37	<0.39	<0.18	<2.3
Nitrobenzene	1	34	1,000	<0.87	<0.73	<0.78	<0.36	<0.91
N-Nitrosodi-n-propylamine	1	1	1	<0.87	<0.73	<0.78	<0.36	<0.91
N-Nitrosodiphenylamine	1.4	130	1,200	<0.87	<0.73	<0.78	<0.36	<0.91
Pentachloronitrobenzene	0.1	2.4	NS	<0.87	<0.73	<0.78	<0.36	<0.91
Pentachlorophenol	1	5.1	48	<0.87	<0.73	<0.78	<0.36	<4.5
Phenanthrene	40	1,000	2,500	<0.43	<0.37	3.3	<0.18	14
Phenol	800	1,000	2,500	<0.87	<0.73	<0.78	<0.36	<4.5
Pyrene	40	1,000	2,500	<0.43	0.5	5.3	<0.18	26
Pyridine	0.14	7	NS	<0.87	<0.73	<0.78	<0.36	<0.91

Table 6
GDC Site
6 Rubber Avenue, Naugatuck, CT
Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Units=mg/Kg	CT DEP GB PMC	CT DEP RDEC	CT DEP I/C DEC	TP-04 (6-8) 10L0090-07 12/2/2010	TP-05 (2-4) 10L0028-02 12/1/2010	TP-05 (8-10) 10L0028-03 12/1/2010	TP-06 (2-4) 10L0028-08 12/1/2010	TP-07 (6-8) 10L0090-04 12/2/2010
1,2,4,5-Tetrachlorobenzene	0.4	20	NS	<0.42	<4.0	<0.36	<0.38	<4.0
1,2,4-Trichlorobenzene	14	680	2,500	<0.42	<40	<0.36	<0.38	<4.0
2,4,5-Trichlorophenol	140	1,000	2,500	<0.42	<40	<0.36	<0.38	<20
2,4,6-Trichlorophenol	1	56	520	<0.42	<4.0	<0.36	<0.38	<20
2,4-Dichlorophenol	4.2	203	NS	<2.1	<40	<0.36	<0.38	<20
2,4-Dimethylphenol	28	1,000	2,500	<2.1	<40	<0.36	<0.38	<4.0
2,4-Dinitrophenol	2.8	140	2,500	<0.82	<7.7	<0.69	<0.74	<39
2,4-Dinitrotoluene	2.8	140	2,500	<0.42	<40	<0.36	<0.38	<4.0
2,6-Dinitrotoluene	1.4	68	2,000	<0.42	<4.0	<0.36	<0.38	<20
2-Chloronaphthalene	110	1,000	2,500	<0.42	<4.0	<0.36	<0.38	<20
2-Chlorophenol	7	339	2,500	<0.42	<40	<0.36	<0.38	<4.0
2-Methylnaphthalene	9.8	474	2,500	<1.1	<20	<0.18	<0.19	<2.0
2-Methylphenol	70	1,000	2,500	<0.42	<40	<0.36	<0.38	<20
2-Nitroaniline	1.65	4.1	1,200	<2.1	<40	<0.36	<0.38	<4.0
2-Nitrophenol	11	540	2,500	<0.42	<4.0	<0.36	<0.38	<4.0
3,3-Dichlorobenzidine	0.33	1.4	13	<1.1	<2.0	<0.18	<0.19	<9.9
3/4-Methylphenol	NS	NS	NS	<0.42	<4.0	<0.36	<0.38	<4.0
3-Nitroaniline	4.2	200	2,500	<0.42	<4.0	<0.36	<0.38	<20
4,6-Dinitro-2-methylphenol	NS	NS	NS	<2.1	<40	<0.36	<0.38	<4.0
4-Bromophenylphenylether	82	500	1,000	<2.1	<40	<0.36	<0.38	<20
4-Chloro-3-methylphenol	NS	NS	NS	<4.1	<77	<0.69	<0.74	<7.7
4-Chloroaniline	5.6	270	2,500	<4.1	<77	<0.69	<0.74	<7.7
4-Chlorophenylphenylether	82	500	1,000	<2.1	<4.0	<0.36	<0.38	<4.0
4-Nitroaniline	4.2	200	2,500	<2.1	<4.0	<0.36	<0.38	<4.0
4-Nitrophenol	NS	NS	NS	<4.1	<7.7	<0.69	<0.74	<39
Acenaphthene	84	1,000	2,500	0.28	21	<0.18	<0.19	4.7
Acenaphthylene	84	1,000	2,500	<1.1	<20	<0.18	<0.19	<9.9
Aniline	1.2	107	NS	<0.42	<40	<0.36	<0.38	<4.0
Anthracene	400	1,000	2,500	1.1	76	<0.18	0.41	13
Benzo(a)anthracene	1	1	7.8	**4.1** *	**110** *	<0.18	**1.4** *	**37** *
Benzo(a)pyrene	1	1	1	**4.6** *	**89** *	<0.18	**1.5** *	**32** *
Benzo(b)fluoranthene	1	1	7.8	**4.4** *	**100** *	<0.18	**2** *	**27** *
Benzo(g,h,i)perylene	42	1,000	2,500	1.7	**54** *	<0.18	1	17
Benzo(k)fluoranthene	1	8.4	78	**1.6** *	**39** *	<0.18	0.71	**13** *
Bis(2-chloroethoxy)methane	NS	NS	NS	<0.42	<4.0	<0.36	<0.38	<20
Bis(2-chloroethyl)ether	2.4	1	5.2	<0.42	<40	<0.36	<0.38	<20
Bis(2-chloroisopropyl)ether	2.4	8.8	82	<2.1	<4.0	<0.36	<0.38	<4.0
Bis(2-Ethylhexyl)phthalate	11	44	410	<0.42	<4.0	<0.36	0.51	<4.0
Butylbenzylphthalate	200	1,000	2,500	<4.1	<7.7	<0.69	<0.74	<7.7
Carbazole	1	31	290	0.32	**27** *	<0.18	<0.19	**2.2** *
Chrysene	1	84	780	**4.1** *	**100** *	<0.18	**1.4** *	**34** *
Dibenz(a,h)anthracene	1	1	1	0.57	<20	<0.18	0.31	<9.9
Dibenzofuran	5.6	270	2,500	<2.1	**29** *	<0.36	<0.38	<20
Diethylphthalate	1,100	1,000	1,000	<2.1	<4.0	<0.36	<0.38	<4.0
Dimethylphthalate	1,100	1,000	1,000	<0.82	<77	<0.69	<0.74	<7.7
Di-n-butylphthalate	140	1,000	2,500	<2.1	<40	<0.36	<0.38	<20
Di-n-octylphthalate	20	1,000	2,500	<0.82	<7.7	<0.69	<0.74	<7.7
Fluoranthene	56	1,000	2,500	8.4	**250** *	<0.18	2.6	50
Fluorene	56	1,000	2,500	0.43	40	<0.18	<0.19	6.6
Hexachlorobenzene	1	1	3.6	<0.42	<40	<0.36	<0.38	<20
Hexachlorobutadiene	1	7.9	73	<2.1	<40	<0.36	<0.38	<4.0
Hexachlorocyclopentadiene	9.8	470	2,500	<4.1	<7.7	<0.69	<0.74	<39
Hexachloroethane	1	44	410	<2.1	<4.0	<0.36	<0.38	<4.0
Indeno(1,2,3-cd)pyrene	1	1	7.8	**2.3** *	**72** *	<0.18	**1.2** *	**23** *
Isophorone	7.4	640	2,500	<2.1	<40	<0.36	<0.38	<4.0
Naphthalene	56	1,000	2,500	<0.21	14	<0.18	<0.19	<2.0
Nitrobenzene	1	34	1,000	<0.42	<40	<0.36	<0.38	<20
N-Nitrosodi-n-propylamine	1	1	1	<0.42	<40	<0.36	<0.38	<4.0
N-Nitrosodiphenylamine	1.4	130	1,200	<0.42	<4.0	<0.36	<0.38	<4.0
Pentachloronitrobenzene	0.1	2.4	NS	<2.1	<40	<0.36	<0.38	<20
Pentachlorophenol	1	5.1	48	<2.1	<4.0	<0.36	<0.38	<4.0
Phenanthrene	40	1,000	2,500	5.3	**300** *	<0.18	1.4	39
Phenol	800	1,000	2,500	<2.1	<4.0	<0.36	<0.38	<20
Pyrene	40	1,000	2,500	9.7	**230** *	<0.18	1.9	**51** *
Pyridine	0.14	7	NS	<0.42	<40	<0.36	<0.38	<4.0

Table 6
GDC Site
6 Rubber Avenue, Naugatuck, CT
Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Units=mg/Kg	CT DEP GB PMC	CT DEP RDEC	CT DEP I/C DEC	TP-08 (4-6) 10L0090-02 12/2/2010	TP-11 (0-2) 10L0028-04 12/1/2010	TP-11 (6-8) 10L0028-06 12/1/2010	TP-12 (0-2) 10L0090-08 12/2/2010	TP-09 (7-9) 10L0137-11 12/3/2010
1,2,4,5-Tetrachlorobenzene	0.4	20	NS	<0.37	<0.38	<0.85	<0.39	<0.36
1,2,4-Trichlorobenzene	14	680	2,500	<0.37	<0.38	<0.85	<0.39	<0.36
2,4,5-Trichlorophenol	140	1,000	2,500	<0.37	<0.38	<0.85	<0.39	<0.36
2,4,6-Trichlorophenol	1	56	520	<0.37	<0.38	<0.85	<0.39	<0.36
2,4-Dichlorophenol	4.2	203	NS	<0.37	<0.38	<0.85	<0.39	<0.36
2,4-Dimethylphenol	28	1,000	2,500	<0.37	<0.38	<0.85	<0.39	<0.36
2,4-Dinitrophenol	2.8	140	2,500	<0.72	<0.74	<1.7	<0.75	<0.69
2,4-Dinitrotoluene	2.8	140	2,500	<0.37	<0.38	<0.85	<0.39	<0.36
2,6-Dinitrotoluene	1.4	68	2,000	<0.37	<0.38	<4.3	<0.39	<0.36
2-Chloronaphthalene	110	1,000	2,500	<0.37	<0.38	<4.3	<0.39	<0.36
2-Chlorophenol	7	339	2,500	<0.37	<0.38	<0.85	<0.39	<1.8
2-Methylnaphthalene	9.8	474	2,500	<0.19	<0.19	<2.1	<0.19	0.21
2-Methylphenol	70	1,000	2,500	<0.37	<0.38	<0.85	<0.39	<1.8
2-Nitroaniline	1.65	4.1	1,200	<0.37	<0.38	<0.85	<0.39	<1.8
2-Nitrophenol	11	540	2,500	<0.37	<0.38	<4.3	<0.39	<1.8
3,3-Dichlorobenzidine	0.33	1.4	13	<0.19	<0.19	<0.43	<0.19	<0.89
3/4-Methylphenol	NS	NS	NS	<0.37	<0.38	<0.85	<0.39	<1.8
3-Nitroaniline	4.2	200	2,500	<0.37	<0.38	<4.3	<0.39	<1.8
4,6-Dinitro-2-methylphenol	NS	NS	NS	<0.37	<0.38	<4.3	<0.39	<1.8
4-Bromophenylphenylether	82	500	1,000	<0.37	<0.38	<4.3	<0.39	<0.36
4-Chloro-3-methylphenol	NS	NS	NS	<0.72	<0.74	<8.3	<0.75	<0.69
4-Chloroaniline	5.6	270	2,500	<0.72	<0.74	<1.7	<0.75	<0.69
4-Chlorophenylphenylether	82	500	1,000	<0.37	<0.38	<0.85	<0.39	<1.8
4-Nitroaniline	4.2	200	2,500	<0.37	<0.38	<4.3	<0.39	<1.8
4-Nitrophenol	NS	NS	NS	<0.72	<0.74	<1.7	<0.75	<0.69
Acenaphthene	84	1,000	2,500	<0.19	<0.19	1.2	<0.19	1
Acenaphthylene	84	1,000	2,500	<0.19	<0.19	<2.1	<0.19	<0.89
Aniline	1.2	107	NS	<0.37	<0.38	<0.85	<0.39	<1.8
Anthracene	400	1,000	2,500	0.34	0.25	3.2	<0.19	<0.89
Benzo(a)anthracene	1	1	7.8	**1.6** *	**1.2** *	**12** *	0.76	**2.2** *
Benzo(a)pyrene	1	1	1	**1.7** *	**1.3** *	**12** *	0.8	**2** *
Benzo(b)fluoranthene	1	1	7.8	**2.4** *	**1.6** *	**13** *	**1.1**	**2.5** *
Benzo(g,h,i)perylene	42	1,000	2,500	1.1	0.85	9.5	0.61	1.6
Benzo(k)fluoranthene	1	8.4	78	0.85	0.63	**5.1** *	0.41	1
Bis(2-chloroethoxy)methane	NS	NS	NS	<0.37	<0.38	<4.3	<0.39	<0.36
Bis(2-chloroethyl)ether	2.4	1	5.2	<0.37	<0.38	<4.3	<0.39	<1.8
Bis(2-chloroisopropyl)ether	2.4	8.8	82	<0.37	<0.38	<0.85	<0.39	<0.36
Bis(2-Ethylhexyl)phthalate	11	44	410	2.3	<0.38	<4.3	0.59	<0.36
Butylbenzylphthalate	200	1,000	2,500	<0.72	<0.74	<1.7	<0.75	<0.69
Carbazole	1	31	290	<0.19	<0.19	<2.1	<0.19	<0.89
Chrysene	1	84	780	**1.5** *	**1.2** *	**11** *	0.76	**3.8** *
Dibenz(a,h)anthracene	1	1	1	0.31	0.23	**2.9** *	<0.19	<0.89
Dibenzofuran	5.6	270	2,500	<0.37	<0.38	<0.85	<0.39	0.85
Diethylphthalate	1,100	1,000	1,000	<0.37	<0.38	<0.85	<0.39	<0.36
Dimethylphthalate	1,100	1,000	1,000	<0.72	<0.74	<1.7	<0.75	<0.69
Di-n-butylphthalate	140	1,000	2,500	1.6	<0.38	<4.3	<0.39	<1.8
Di-n-octylphthalate	20	1,000	2,500	<0.72	<0.74	<8.3	<0.75	<0.69
Fluoranthene	56	1,000	2,500	3.2	1.8	21	1.5	5.6
Fluorene	56	1,000	2,500	<0.19	<0.19	1.4	<0.19	<0.89
Hexachlorobenzene	1	1	3.6	<0.37	<0.38	<4.3	<0.39	<0.36
Hexachlorobutadiene	1	7.9	73	<0.37	<0.38	<4.3	<0.39	<0.36
Hexachlorocyclopentadiene	9.8	470	2,500	<0.72	<0.74	<8.3	<0.75	<3.5
Hexachloroethane	1	44	410	<0.37	<0.38	<0.85	<0.39	<0.36
Indeno(1,2,3-cd)pyrene	1	1	7.8	**1.3** *	**1.1** *	**10** *	0.74	**1.3** *
Isophorone	7.4	640	2,500	<0.37	<0.38	<4.3	<0.39	<0.36
Naphthalene	56	1,000	2,500	<0.19	<0.19	<2.1	<0.19	0.22
Nitrobenzene	1	34	1,000	<0.37	<0.38	<0.85	<0.39	<1.8
N-Nitrosodi-n-propylamine	1	1	1	<0.37	<0.38	<0.85	<0.39	<0.36
N-Nitrosodiphenylamine	1.4	130	1,200	**1.6** *	<0.38	<4.3	<0.39	<1.8
Pentachloronitrobenzene	0.1	2.4	NS	<0.37	<0.38	<4.3	<0.39	<1.8
Pentachlorophenol	1	5.1	48	<0.37	<0.38	<0.85	<0.39	<1.8
Phenanthrene	40	1,000	2,500	1.2	0.97	12	0.57	5.9
Phenol	800	1,000	2,500	<0.37	<0.38	<0.85	<0.39	<0.36
Pyrene	40	1,000	2,500	2.2	1.7	20	1.2	5.1
Pyridine	0.14	7	NS	<0.37	<0.38	<0.85	<0.39	<1.8

Table 6
GDC Site
6 Rubber Avenue, Naugatuck, CT
Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Units=mg/Kg	CT DEP GB PMC	CT DEP RDEC	CT DEP I/C DEC	TP-10 (4-6) 10L0137-12 12/3/2010	TP-12 (6-8) 10L0090-09 12/2/2010	TP-13 (2-4) 10L0137-09 12/3/2010	TP-14 (7-9) 10L0137-04 12/3/2010	TP-14B (7-9) 10L0137-05 12/3/2010
1,2,4,5-Tetrachlorobenzene	0.4	20	NS	<0.36	<0.91	<0.38	<0.35	<0.35
1,2,4-Trichlorobenzene	14	680	2,500	<0.36	<0.91	<0.38	<0.35	<0.35
2,4,5-Trichlorophenol	140	1,000	2,500	<0.36	<0.91	<0.38	<0.35	<0.35
2,4,6-Trichlorophenol	1	56	520	<0.36	<0.91	<0.38	<0.35	<0.35
2,4-Dichlorophenol	4.2	203	NS	<0.36	<0.91	<0.38	<0.35	<0.35
2,4-Dimethylphenol	28	1,000	2,500	<0.36	<0.91	<0.38	<0.35	<0.35
2,4-Dinitrophenol	2.8	140	2,500	<0.70	<1.8	<0.74	<0.68	<0.69
2,4-Dinitrotoluene	2.8	140	2,500	<0.36	<0.91	<0.38	<0.35	<0.35
2,6-Dinitrotoluene	1.4	68	2,000	<0.36	<0.91	<0.38	<0.35	<0.35
2-Chloronaphthalene	110	1,000	2,500	<0.36	<0.91	<0.38	<0.35	<0.35
2-Chlorophenol	7	339	2,500	<0.36	<0.91	<0.38	<0.35	<0.35
2-Methylnaphthalene	9.8	474	2,500	<0.18	<0.46	<0.19	<0.17	<0.18
2-Methylphenol	70	1,000	2,500	<0.36	<0.91	<0.38	<0.35	<0.35
2-Nitroaniline	1.65	4.1	1,200	<0.36	<0.91	<0.38	<0.35	<0.35
2-Nitrophenol	11	540	2,500	<0.36	<0.91	<0.38	<0.35	<0.35
3,3-Dichlorobenzidine	0.33	1.4	13	<0.18	<0.46	<0.19	<0.17	<0.18
3/4-Methylphenol	NS	NS	NS	<0.36	<0.91	<0.38	<0.35	<0.35
3-Nitroaniline	4.2	200	2,500	<0.36	<0.91	<0.38	<0.35	<0.35
4,6-Dinitro-2-methylphenol	NS	NS	NS	<0.36	<0.91	<0.38	<0.35	<0.35
4-Bromophenylphenylether	82	500	1,000	<0.36	<0.91	<0.38	<0.35	<0.35
4-Chloro-3-methylphenol	NS	NS	NS	<0.70	<1.8	<0.74	<0.68	<0.69
4-Chloroaniline	5.6	270	2,500	<0.70	<1.8	<0.74	<0.68	<0.69
4-Chlorophenylphenylether	82	500	1,000	<0.36	<0.91	<0.38	<0.35	<0.35
4-Nitroaniline	4.2	200	2,500	<0.36	<0.91	<0.38	<0.35	<0.35
4-Nitrophenol	NS	NS	NS	<0.70	<1.8	<0.74	<0.68	<0.69
Acenaphthene	84	1,000	2,500	<0.18	0.47	<0.19	<0.17	<0.18
Acenaphthylene	84	1,000	2,500	<0.18	<0.46	<0.19	<0.17	<0.18
Aniline	1.2	107	NS	<0.36	<0.91	<0.38	<0.35	<0.35
Anthracene	400	1,000	2,500	<0.18	1.1	0.37	<0.17	<0.18
Benzo(a)anthracene	1	1	7.8	<0.18	**3.3** *	**1.2** *	<0.17	<0.18
Benzo(a)pyrene	1	1	1	<0.18	**2.8** *	**1.4** *	<0.17	<0.18
Benzo(b)fluoranthene	1	1	7.8	0.21	**3.5** *	**2.1** *	<0.17	<0.18
Benzo(g,h,i)perylene	42	1,000	2,500	<0.18	1.4	0.61	<0.17	<0.18
Benzo(k)fluoranthene	1	8.4	78	<0.18	**1.2** *	0.7	<0.17	<0.18
Bis(2-chloroethoxy)methane	NS	NS	NS	<0.36	<0.91	<0.38	<0.35	<0.35
Bis(2-chloroethyl)ether	2.4	1	5.2	<0.36	<0.91	<0.38	<0.35	<0.35
Bis(2-chloroisopropyl)ether	2.4	8.8	82	<0.36	<0.91	<0.38	<0.35	<0.35
Bis(2-Ethylhexyl)phthalate	11	44	410	<0.36	<0.91	<0.38	<0.35	<0.35
Butylbenzylphthalate	200	1,000	2,500	<0.70	<1.8	<0.74	<0.68	<0.69
Carbazole	1	31	290	<0.18	<0.46	<0.19	<0.17	<0.18
Chrysene	1	84	780	<0.18	**3.3** *	**1.2** *	<0.17	<0.18
Dibenz(a,h)anthracene	1	1	1	<0.18	0.49	0.21	<0.17	<0.18
Dibenzofuran	5.6	270	2,500	<0.36	<0.91	<0.38	<0.35	<0.35
Diethylphthalate	1,100	1,000	1,000	<0.36	<0.91	<0.38	<0.35	<0.35
Dimethylphthalate	1,100	1,000	1,000	<0.70	<1.8	<0.74	<0.68	<0.69
Di-n-butylphthalate	140	1,000	2,500	<0.36	<0.91	<0.38	<0.35	<0.35
Di-n-octylphthalate	20	1,000	2,500	<0.70	<1.8	<0.74	<0.68	<0.69
Fluoranthene	56	1,000	2,500	0.27	5.4	1.8	<0.17	<0.18
Fluorene	56	1,000	2,500	<0.18	<0.46	0.19	<0.17	<0.18
Hexachlorobenzene	1	1	3.6	<0.36	<0.91	<0.38	<0.35	<0.35
Hexachlorobutadiene	1	7.9	73	<0.36	<0.91	<0.38	<0.35	<0.35
Hexachlorocyclopentadiene	9.8	470	2,500	<0.70	<1.8	<0.74	<0.68	<0.69
Hexachloroethane	1	44	410	<0.36	<0.91	<0.38	<0.35	<0.35
Indeno(1,2,3-cd)pyrene	1	1	7.8	<0.18	**1.9** *	0.87	<0.17	<0.18
Isophorone	7.4	640	2,500	<0.36	<0.91	<0.38	<0.35	<0.35
Naphthalene	56	1,000	2,500	<0.18	<0.46	<0.19	<0.17	<0.18
Nitrobenzene	1	34	1,000	<0.36	<0.91	<0.38	<0.35	<0.35
N-Nitrosodi-n-propylamine	1	1	1	<0.36	<0.91	<0.38	<0.35	<0.35
N-Nitrosodiphenylamine	1.4	130	1,200	<0.36	<0.91	<0.38	<0.35	<0.35
Pentachloronitrobenzene	0.1	2.4	NS	<0.36	<0.91	<0.38	<0.35	<0.35
Pentachlorophenol	1	5.1	48	<0.36	<0.91	<0.38	<0.35	<0.35
Phenanthrene	40	1,000	2,500	<0.18	5.6	1.7	<0.17	<0.18
Phenol	800	1,000	2,500	<0.36	<0.91	<0.38	<0.35	<0.35
Pyrene	40	1,000	2,500	0.22	4.8	1.4	<0.17	<0.18
Pyridine	0.14	7	NS	<0.36	<0.91	<0.38	<0.35	<0.35

Table 6
GDC Site
6 Rubber Avenue, Naugatuck, CT
Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Units=mg/Kg	CT DEP GB PMC	CT DEP RDEC	CT DEP I/C DEC	TP-15 (0-2) 10L0137-01 12/3/2010	TP-15 (6-8) 10L0137-02 12/3/2010	TP-16 (4-6) 10L0137-07 12/3/2010
1,2,4,5-Tetrachlorobenzene	0.4	20	NS	<22	<0.43	<0.37
1,2,4-Trichlorobenzene	14	680	2,500	<22	<0.43	<0.37
2,4,5-Trichlorophenol	140	1,000	2,500	<22	<0.43	<0.37
2,4,6-Trichlorophenol	1	56	520	<0.44	<0.43	<0.37
2,4-Dichlorophenol	4.2	203	NS	<22	<0.43	<0.37
2,4-Dimethylphenol	28	1,000	2,500	<22	<0.43	<0.37
2,4-Dinitrophenol	2.8	140	2,500	<0.86	<0.83	<0.72
2,4-Dinitrotoluene	2.8	140	2,500	<22	<0.43	<0.37
2,6-Dinitrotoluene	1.4	68	2,000	<0.44	<0.43	<0.37
2-Chloronaphthalene	110	1,000	2,500	<22	<0.43	<0.37
2-Chlorophenol	7	339	2,500	<0.44	<0.43	<0.37
2-Methylnaphthalene	9.8	474	2,500	<0.22	<0.21	<0.19
2-Methylphenol	70	1,000	2,500	<22	<0.43	<0.37
2-Nitroaniline	1.65	4.1	1,200	<22	<0.43	<0.37
2-Nitrophenol	11	540	2,500	<0.44	<0.43	<0.37
3,3-Dichlorobenzidine	0.33	1.4	13	<0.22	<0.21	<0.19
3/4-Methylphenol	NS	NS	NS	<0.44	<0.43	<0.37
3-Nitroaniline	4.2	200	2,500	<0.44	<0.43	<0.37
4,6-Dinitro-2-methylphenol	NS	NS	NS	<0.44	<0.43	<0.37
4-Bromophenylphenylether	82	500	1,000	<0.44	<0.43	<0.37
4-Chloro-3-methylphenol	NS	NS	NS	<0.86	<0.83	<0.72
4-Chloroaniline	5.6	270	2,500	<0.86	<0.83	<0.72
4-Chlorophenylphenylether	82	500	1,000	<22	<0.43	<0.37
4-Nitroaniline	4.2	200	2,500	<22	<0.43	<0.37
4-Nitrophenol	NS	NS	NS	<0.86	<0.83	<0.72
Acenaphthene	84	1,000	2,500	<11	<0.21	<0.19
Acenaphthylene	84	1,000	2,500	<11	<0.21	<0.19
Aniline	1.2	107	NS	<22	<0.43	<0.37
Anthracene	400	1,000	2,500	<11	0.27	<0.19
Benzo(a)anthracene	1	1	7.8	<11	**1.3** *	0.23
Benzo(a)pyrene	1	1	1	<11	**1.6** *	0.47
Benzo(b)fluoranthene	1	1	7.8	**2.9** *	**2.3** *	0.68
Benzo(g,h,i)perylene	42	1,000	2,500	<11	0.79	0.2
Benzo(k)fluoranthene	1	8.4	78	<11	0.84	0.26
Bis(2-chloroethoxy)methane	NS	NS	NS	<22	<0.43	<0.37
Bis(2-chloroethyl)ether	2.4	1	5.2	<0.44	<0.43	<0.37
Bis(2-chloroisopropyl)ether	2.4	8.8	82	<22	<0.43	<0.37
Bis(2-Ethylhexyl)phthalate	11	44	410	<22	<0.43	<0.37
Butylbenzylphthalate	200	1,000	2,500	110	<0.83	<0.72
Carbazole	1	31	290	<0.22	<0.21	<0.19
Chrysene	1	84	780	**1.8** *	**1.3** *	0.36
Dibenz(a,h)anthracene	1	1	1	0.31	<0.21	<0.19
Dibenzofuran	5.6	270	2,500	<0.44	<0.43	<0.37
Diethylphthalate	1,100	1,000	1,000	<22	<0.43	<0.37
Dimethylphthalate	1,100	1,000	1,000	<0.86	<0.83	<0.72
Di-n-butylphthalate	140	1,000	2,500	0.61	<0.43	<0.37
Di-n-octylphthalate	20	1,000	2,500	<0.86	<0.83	<0.72
Fluoranthene	56	1,000	2,500	<11	2	0.35
Fluorene	56	1,000	2,500	<11	<0.21	<0.19
Hexachlorobenzene	1	1	3.6	<0.44	<0.43	<0.37
Hexachlorobutadiene	1	7.9	73	<0.44	<0.43	<0.37
Hexachlorocyclopentadiene	9.8	470	2,500	<0.86	<0.83	<0.72
Hexachloroethane	1	44	410	<22	<0.43	<0.37
Indeno(1,2,3-cd)pyrene	1	1	7.8	<11	0.92	0.26
Isophorone	7.4	640	2,500	<22	<0.43	<0.37
Naphthalene	56	1,000	2,500	<0.22	<0.21	<0.19
Nitrobenzene	1	34	1,000	<0.44	<0.43	<0.37
N-Nitrosodi-n-propylamine	1	1	1	<22	<0.43	<0.37
N-Nitrosodiphenylamine	1.4	130	1,200	<22	<0.43	<0.37
Pentachloronitrobenzene	0.1	2.4	NS	<22	<0.43	<0.37
Pentachlorophenol	1	5.1	48	<0.44	<0.43	<0.37
Phenanthrene	40	1,000	2,500	<11	1.3	<0.19
Phenol	800	1,000	2,500	<22	<0.43	<0.37
Pyrene	40	1,000	2,500	<11	1.6	0.38
Pyridine	0.14	7	NS	<0.44	<0.43	<0.37

Table 7
GDC Site
6 Rubber Avenue, Naugatuck, CT
Soil Analytical Results
SPLP Semi-Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Units=µg/L	CT DEP GA/GAA 10X GWPC	TP-03 (2-4) 10L0387-01 11/30/2010	TP-04 (0-2) 10L0671-02 12/2/2010	TP-04 (6-8) 10L0671-03 12/2/2010	TP-05 (2-4) 10L0388-01 12/1/2010	TP-06 (2-4) 10L0672-03 12/1/2010
1,2,4,5-Tetrachlorobenzene	20	<10	NA	NA	<10	NA
1,2,4-Trichlorobenzene	700	<5.0	NA	NA	<5.0	NA
1,2-Dichlorobenzene	6,000	<5.0	NA	NA	<5.0	NA
1,2-Diphenylhydrazine (as Azobenzene)	NS	<10	NA	NA	<10	NA
1,3-Dichlorobenzene	6,000	<5.0	NA	NA	<5.0	NA
1,4-Dichlorobenzene	750	<5.0	NA	NA	<5.0	NA
1-Methylnaphthalene	NS	<5.0	NA	NA	<5.0	NA
2,4,5-Trichlorophenol	7,000	<10	NA	NA	<10	NA
2,4,6-Trichlorophenol	100	<10	NA	NA	<10	NA
2,4-Dichlorophenol	210	<10	NA	NA	<10	NA
2,4-Dimethylphenol	1,400	<10	NA	NA	<10	NA
2,4-Dinitrophenol	500	<10	NA	NA	<10	NA
2,4-Dinitrotoluene	140	<10	NA	NA	<10	NA
2,6-Dinitrotoluene	100	<10	NA	NA	<10	NA
2-Chloronaphthalene	5,600	<10	NA	NA	<10	NA
2-Chlorophenol	350	<10	NA	NA	<10	NA
2-Methylnaphthalene	490	<5.0	<1.0	<1.0	<5.0	<1.0
2-Methylphenol	3,500	<10	NR	NR	<10	NA
2-Nitroaniline	500	<10	NR	NR	<10	NA
2-Nitrophenol	560	<10	NR	NR	<10	NA
3,3-Dichlorobenzidine	100	<10	NR	NR	<10	NA
3/4-Methylphenol	NS	<10	NR	NR	<10	NA
3-Nitroaniline	500	<10	NR	NR	<10	NA
4,6-Dinitro-2-methylphenol	NS	<10	NR	NR	<10	NA
4-Bromophenylphenylether	4,100	<10	NR	NR	<10	NA
4-Chloro-3-methylphenol	NS	<10	NR	NR	<10	NA
4-Chloroaniline	280	<10	NR	NR	<10	NA
4-Chlorophenylphenylether	4,100	<10	NR	NR	<10	NA
4-Nitroaniline	210	<10	NR	NR	<10	NA
4-Nitrophenol	NS	<10	NR	NR	<10	NA
Acenaphthene	4,200	<5.0	<0.30	<0.30	<5.0	<0.30
Acenaphthylene	4,200	<5.0	<0.30	<0.30	<5.0	<0.30
Acetophenone	NS	<10	NR	NR	<10	NA
Aniline	60	<5.0	NR	NR	<5.0	NA
Anthracene	20,000	<5.0	<0.20	<0.20	<5.0	<0.20
Benzidine	NS	<10	NA	NA	<10	NA
Benzo(a)anthracene	0.6	<5.0	<0.050	<0.050	<5.0	<0.050
Benzo(a)pyrene	2	<5.0	<0.10	<0.10	<5.0	<0.10
Benzo(b)fluoranthene	0.8	<5.0	<0.050	<0.050	<5.0	<0.050
Benzo(g,h,i)perylene	2100	<5.0	<0.50	<0.50	<5.0	<0.50
Benzo(k)fluoranthene	5	<5.0	<0.20	<0.20	<5.0	<0.20
Benzoic Acid	500,000	<10	NA	NA	<10	NA
Bis(2-chloroethoxy)methane	NS	<10	NA	NA	<10	NA
Bis(2-chloroethyl)ether	120	<10	NA	NA	<10	NA
Bis(2-chloroisopropyl)ether	120	<10	NA	NA	<10	NA
Bis(2-Ethylhexyl)phthalate	20	<10	NA	NA	<10	NA
Butylbenzylphthalate	10,000	<10	NA	NA	<10	NA
Carbazole	100	<10	NA	NA	15	NA
Chrysene	48	<5.0	<0.20	<0.20	<5.0	<0.20
Dibenz(a,h)anthracene	2	<5.4	<0.20	<0.20	<5.4	<0.20
Dibenzofuran	280	<5.0	NA	NA	<5.0	NA
Diethylphthalate	56,000	<10	NA	NA	<10	NA
Dimethylphthalate	56,000	<10	NA	NA	<10	NA
Di-n-butylphthalate	7,000	<10	NA	NA	<10	NA
Di-n-octylphthalate	1,000	<10	NA	NA	<10	NA
Fluoranthene	2,800	<5.0	<0.50	<0.50	<5.0	<0.50
Fluorene	2,800	<5.0	<1.0	<1.0	<5.0	<1.0
Hexachlorobenzene	10	<10	NA	NA	<10	NA
Hexachlorobutadiene	4.5	<10	NA	NA	<10	NA
Hexachlorocyclopentadiene	490	<10	NA	NA	<10	NA
Hexachloroethane	30	<10	NA	NA	<10	NA
Indeno(1,2,3-cd)pyrene	2	<5.0	<0.20	<0.20	<5.0	<0.20
Isophorone	370	<10	NA	NA	<10	NA
Naphthalene	2,800	<5.0	<1.0	<1.0	9.2	<1.0
Nitrobenzene	100	<10	NA	NA	<10	NA
N-Nitrosodimethylamine	NS	<5.0	NA	NA	<5.0	NA
N-Nitrosodi-n-propylamine	100	<10	NA	NA	<10	NA
N-Nitrosodiphenylamine	100	<10	NA	NA	<10	NA
Pentachloronitrobenzene	1.3	<10	NA	NA	<10	NA
Pentachlorophenol	10	<10	NA	NA	<10	NA
Phenanthrene	2,000	<5.0	<0.050	<0.050	12	<0.050
Phenol	40,000	<10	NA	NA	<10	NA
Pyrene	2,000	<5.0	<1.0	<1.0	<5.0	<1.0
Pyridine	7	<5.0	NA	NA	<5.0	NA

Table 7
GDC Site
6 Rubber Avenue, Naugatuck, CT
Soil Analytical Results
SPLP Semi-Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Units=µg/L	CT DEP GA/GAA 10X GWPC	TP-07 (6-8) 10L0389-02 12/2/2010	TP-08 (4-6) 10L0389-01 12/2/2010	TP-09 (7-9) 10L0674-04 12/3/2010	TP-10 (4-6) 10L0674-05 12/3/2010	TP-11 (0-2) 10L0672-01 12/1/2010
1,2,4,5-Tetrachlorobenzene	20	<10	<10	NA	NA	NA
1,2,4-Trichlorobenzene	700	<5.0	<5.0	NA	NA	NA
1,2-Dichlorobenzene	6,000	<5.0	<5.0	NA	NA	NA
1,2-Diphenylhydrazine (as Azobenzene)	NS	<10	<10	NA	NA	NA
1,3-Dichlorobenzene	6,000	<5.0	<5.0	NA	NA	NA
1,4-Dichlorobenzene	750	<5.0	<5.0	NA	NA	NA
1-Methylnaphthalene	NS	<5.0	<5.0	NA	NA	NA
2,4,5-Trichlorophenol	7,000	<10	<10	NA	NA	NA
2,4,6-Trichlorophenol	100	<10	<10	NA	NA	NA
2,4-Dichlorophenol	210	<10	<10	NA	NA	NA
2,4-Dimethylphenol	1,400	<10	<10	NA	NA	NA
2,4-Dinitrophenol	500	<10	<10	NA	NA	NA
2,4-Dinitrotoluene	140	<10	<10	NA	NA	NA
2,6-Dinitrotoluene	100	<10	<10	NA	NA	NA
2-Chloronaphthalene	5,600	<10	<10	NA	NA	NA
2-Chlorophenol	350	<10	<10	NA	NA	NA
2-Methylnaphthalene	490	<5.0	<5.0	<1.0	<1.0	<1.0
2-Methylphenol	3,500	<10	<10	NA	NA	NA
2-Nitroaniline	500	<10	<10	NA	NA	NA
2-Nitrophenol	560	<10	<10	NA	NA	NA
3,3-Dichlorobenzidine	100	<10	<10	NA	NA	NA
3/4-Methylphenol	NS	<10	<10	NA	NA	NA
3-Nitroaniline	500	<10	<10	NA	NA	NA
4,6-Dinitro-2-methylphenol	NS	<10	<10	NA	NA	NA
4-Bromophenylphenylether	4,100	<10	<10	NA	NA	NA
4-Chloro-3-methylphenol	NS	<10	<10	NA	NA	NA
4-Chloroaniline	280	<10	<10	NA	NA	NA
4-Chlorophenylphenylether	4,100	<10	<10	NA	NA	NA
4-Nitroaniline	210	<10	<10	NA	NA	NA
4-Nitrophenol	NS	<10	<10	NA	NA	NA
Acenaphthene	4,200	<5.0	<5.0	<0.30	<0.30	<0.30
Acenaphthylene	4,200	<5.0	<5.0	<0.30	<0.30	<0.30
Acetophenone	NS	<10	<10	NA	NA	NA
Aniline	60	<5.0	<5.0	NA	NA	NA
Anthracene	20,000	<5.0	<5.0	<0.20	<0.20	<0.20
Benzidine	NS	<10	<10	NA	NA	NA
Benzo(a)anthracene	0.6	<5.0	<5.0	<0.050	<0.050	<0.050
Benzo(a)pyrene	2	<5.0	<5.0	<0.10	<0.10	<0.10
Benzo(b)fluoranthene	0.8	<5.0	<5.0	<0.050	<0.050	<0.050
Benzo(g,h,i)perylene	2100	<5.0	<5.0	<0.50	<0.50	<0.50
Benzo(k)fluoranthene	5	<5.0	<5.0	<0.20	<0.20	<0.20
Benzoic Acid	500,000	<10	<10	NA	NA	NA
Bis(2-chloroethoxy)methane	NS	<10	<10	NA	NA	NA
Bis(2-chloroethyl)ether	120	<10	<10	NA	NA	NA
Bis(2-chloroisopropyl)ether	120	<10	<10	NA	NA	NA
Bis(2-Ethylhexyl)phthalate	20	<10	<10	NA	NA	NA
Butylbenzylphthalate	10,000	<10	<10	NA	NA	NA
Carbazole	100	<10	<10	NA	NA	NA
Chrysene	48	<5.0	<5.0	<0.20	<0.20	<0.20
Dibenz(a,h)anthracene	2	<5.4	<5.4	<0.20	<0.20	<0.20
Dibenzofuran	280	<5.0	<5.0	NA	NA	NA
Diethylphthalate	56,000	<10	<10	NA	NA	NA
Dimethylphthalate	56,000	<10	<10	NA	NA	NA
Di-n-butylphthalate	7,000	<10	<10	NA	NA	NA
Di-n-octylphthalate	1,000	<10	<10	NA	NA	NA
Fluoranthene	2,800	<5.0	<5.0	<0.50	<0.50	<0.50
Fluorene	2,800	<5.0	<5.0	<1.0	<1.0	<1.0
Hexachlorobenzene	10	<10	<10	NA	NA	NA
Hexachlorobutadiene	4.5	<10	<10	NA	NA	NA
Hexachlorocyclopentadiene	490	<10	<10	NA	NA	NA
Hexachloroethane	30	<10	<10	NA	NA	NA
Indeno(1,2,3-cd)pyrene	2	<5.0	<5.0	<0.20	<0.20	<0.20
Isophorone	370	<10	<10	NA	NA	NA
Naphthalene	2,800	<5.0	<5.0	<1.0	<1.0	<1.0
Nitrobenzene	100	<10	<10	NA	NA	NA
N-Nitrosodimethylamine	NS	<5.0	<5.0	NA	NA	NA
N-Nitrosodi-n-propylamine	100	<10	<10	NA	NA	NA
N-Nitrosodiphenylamine	100	<10	<10	NA	NA	NA
Pentachloronitrobenzene	1.3	<10	<10	NA	NA	NA
Pentachlorophenol	10	<10	<10	NA	NA	NA
Phenanthrene	2,000	<5.0	<5.0	<0.050	<0.050	<0.050
Phenol	40,000	<10	<10	NA	NA	NA
Pyrene	2,000	<5.0	<5.0	<1.0	<1.0	<1.0
Pyridine	7	<5.0	<5.0	NA	NA	NA

Table 7
GDC Site
6 Rubber Avenue, Naugatuck, CT
Soil Analytical Results
SPLP Semi-Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Units=µg/L	CT DEP GA/GAA 10X GWPC	TP-11 (6-8) 10L0672-02 12/1/2010	TP-12 (6-8) 10L0671-04 12/2/2010	TP-13 (2-4) 10L0674-03 12/3/2010	TP-15 (0-2) 10L0674-01 12/3/2010	TP-15 (6-8) 10L0674-02 12/3/2010
1,2,4,5-Tetrachlorobenzene	20	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	700	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	6,000	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine (as Azobenzene)	NS	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	6,000	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	750	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	7,000	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	100	NA	NA	NA	NA	NA
2,4-Dichlorophenol	210	NA	NA	NA	NA	NA
2,4-Dimethylphenol	1,400	NA	NA	NA	NA	NA
2,4-Dinitrophenol	500	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	140	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	100	NA	NA	NA	NA	NA
2-Chloronaphthalene	5,600	NA	NA	NA	NA	NA
2-Chlorophenol	350	NA	NA	NA	NA	NA
2-Methylnaphthalene	490	<1.0	<1.0	<1.0	<1.0	<1.0
2-Methylphenol	3,500	NA	NA	NA	NA	NA
2-Nitroaniline	500	NA	NA	NA	NA	NA
2-Nitrophenol	560	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	100	NA	NA	NA	NA	NA
3/4-Methylphenol	NS	NA	NA	NA	NA	NA
3-Nitroaniline	500	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	NS	NA	NA	NA	NA	NA
4-Bromophenylphenylether	4,100	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	NS	NA	NA	NA	NA	NA
4-Chloroaniline	280	NA	NA	NA	NA	NA
4-Chlorophenylphenylether	4,100	NA	NA	NA	NA	NA
4-Nitroaniline	210	NA	NA	NA	NA	NA
4-Nitrophenol	NS	NA	NA	NA	NA	NA
Acenaphthene	4,200	<0.30	<0.30	<0.30	<0.30	<0.30
Acenaphthylene	4,200	<0.30	<0.30	<0.30	<0.30	<0.30
Acetophenone	NS	NA	NA	NA	NA	NA
Aniline	60	NA	NA	NA	NA	NA
Anthracene	20,000	<0.20	<0.20	<0.20	0.26	<0.20
Benzidine	NS	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.6	<0.050	<0.050	<0.050	**1.6**	<0.050
Benzo(a)pyrene	2	<0.10	<0.10	<0.10	1.5	<0.10
Benzo(b)fluoranthene	0.8	<0.050	<0.050	<0.050	**2.6**	<0.050
Benzo(g,h,i)perylene	2100	<0.50	<0.50	<0.50	1.6	<0.50
Benzo(k)fluoranthene	5	<0.20	<0.20	<0.20	0.88	<0.20
Benzoic Acid	500,000	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	NS	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	120	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	120	NA	NA	NA	NA	NA
Bis(2-Ethylhexyl)phthalate	20	NA	NA	NA	NA	NA
Butylbenzylphthalate	10,000	NA	NA	NA	NA	NA
Carbazole	100	NA	NA	NA	NA	NA
Chrysene	48	<0.20	<0.20	<0.20	1.3	<0.20
Dibenz(a,h)anthracene	2	<0.20	<0.20	<0.20	0.43	<0.20
Dibenzofuran	280	NA	NA	NA	NA	NA
Diethylphthalate	56,000	NA	NA	NA	NA	NA
Dimethylphthalate	56,000	NA	NA	NA	NA	NA
Di-n-butylphthalate	7,000	NA	NA	NA	NA	NA
Di-n-octylphthalate	1,000	NA	NA	NA	NA	NA
Fluoranthene	2,800	<0.50	<0.50	<0.50	2	<0.50
Fluorene	2,800	<1.0	<1.0	<1.0	<1.0	<1.0
Hexachlorobenzene	10	NA	NA	NA	NA	NA
Hexachlorobutadiene	4.5	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	490	NA	NA	NA	NA	NA
Hexachloroethane	30	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	2	<0.20	<0.20	<0.20	1.8	<0.20
Isophorone	370	NA	NA	NA	NA	NA
Naphthalene	2,800	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrobenzene	100	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	NS	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine	100	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	100	NA	NA	NA	NA	NA
Pentachloronitrobenzene	1.3	NA	NA	NA	NA	NA
Pentachlorophenol	10	NA	NA	NA	NA	NA
Phenanthrene	2,000	<0.050	<0.050	0.41	0.76	<0.050
Phenol	40,000	NA	NA	NA	NA	NA
Pyrene	2,000	<1.0	<1.0	<1.0	2.2	<1.0
Pyridine	7	NA	NA	NA	NA	NA

Table 8
GDC Site
6 Rubber Avenue
Naugatuck, CT
Soil Analytical Results
Metals

Client ID Lab Sample ID Date Sampled Units=mg/Kg	CT DEP RDEC	CT DEP I/C DEC	SB-104 (7-9) 10L0171-03 12/6/2010	SB-106 (2-4) 10L0171-05 12/6/2010	SB-108 (11-13) 10L0171-06 12/6/2010	SB-109 (11-13) 10L0171-07 12/6/2010	SB-113 (12-14) 10L0194-03 12/7/2010	SB-114 (12-14) 10L0194-04 12/7/2010	SB-122 (4-6) 10L0291-02 12/9/2010	SB-123 (9-11) 10L0291-04 12/9/2010
Antimony	**27**	**8,200**	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	**10**	**10**	**17**	<2.5	<2.5	<2.7	<2.8	<2.6	<2.8	<2.5
Barium	**4,700**	**140,000**	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	**2**	**2**	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	**34**	**1,000**	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	**3,900**	**51,000**	NA	NA	NA	NA	NA	NA	NA	NA
Copper	**2,500**	**76,000**	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	**1,400**	**41,000**	NA	NA	NA	NA	NA	NA	NA	NA
Lead	**400**	**1,000**	84	3.8	2.8	7.3	4	3	7.8	3.2
Mercury	**20**	**610**	0.017	<0.012	<0.013	<0.012	<0.015	<0.011	0.056	<0.014
Nickel	**1,400**	**7,500**	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	**340**	**10,000**	NA	NA	NA	NA	NA	NA	NA	NA
Silver	**340**	**10,000**	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	**5.4**	**160**	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	**470**	**14,000**	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	**20,000**	**610,000**	NA	NA	NA	NA	NA	NA	NA	NA

Table 8
GDC Site
6 Rubber Avenue
Naugatuck, CT
Soil Analytical Results
Metals

Client ID Lab Sample ID Date Sampled Units=mg/Kg	CT DEP RDEC	CT DEP I/C DEC	SB-123B (9-11) 10L0291-05 12/9/2010	SB-124 (0-2) 10L0291-06 12/9/2010	SB-124 (6-8) 10L0291-07 12/9/2010	SB-127 (0-2) 11A0018-01 12/29/2010	SB-136 (1-3) 11A0018-09 12/29/2010	SB-138 (6-8) 11A0018-10 12/29/2010	SB-138 (12-14) 11A0018-20 12/29/2010	SB-139 (6-8) 11A0018-21 12/29/2010
Antimony	**27**	**8,200**	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	**10**	**10**	<2.6	<2.7	<2.7	**27**	NA	NA	NA	NA
Barium	**4,700**	**140,000**	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	**2**	**2**	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	**34**	**1,000**	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	**3,900**	**51,000**	NA	NA	NA	NA	NA	NA	NA	NA
Copper	**2,500**	**76,000**	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	**1,400**	**41,000**	NA	NA	NA	NA	NA	NA	NA	NA
Lead	**400**	**1,000**	2.6	13	27	110	240	**1,300**	**650**	270
Mercury	**20**	**610**	<0.014	0.51	0.21	NA	NA	NA	NA	NA
Nickel	**1,400**	**7,500**	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	**340**	**10,000**	NA	NA	NA	NA	NA	NA	NA	NA
Silver	**340**	**10,000**	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	**5.4**	**160**	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	**470**	**14,000**	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	**20,000**	**610,000**	NA	NA	NA	NA	NA	NA	NA	NA

Table 8
GDC Site
6 Rubber Avenue
Naugatuck, CT
Soil Analytical Results
Metals

Client ID Lab Sample ID Date Sampled Units=mg/Kg	CT DEP RDEC	CT DEP I/C DEC	SB-141 (6-8) 11A0018-22 12/29/2010	SB-142 (6-8) 11A0018-24 12/29/2010	SB-142 (10-12) 11A0018-25 12/29/2010	SB-142 (13-15) 11A0018-26 12/29/2010	SB-146 (2-4) 11A0018-12 12/30/2010	SB-147 (13-15) 11A0018-13 12/30/2010	SB-149 (6-8) 11A0018-16 12/30/2010	SB-149 (12-14) 11A0018-18 12/30/2010
Antimony	**27**	**8,200**	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	**10**	**10**	NA	4	NA	NA	8.7	NA	NA	3
Barium	**4,700**	**140,000**	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	**2**	**2**	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	**34**	**1,000**	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	**3,900**	**51,000**	NA	NA	NA	NA	NA	NA	NA	NA
Copper	**2,500**	**76,000**	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	**1,400**	**41,000**	NA	NA	NA	NA	NA	NA	NA	NA
Lead	**400**	**1,000**	250	12	230	**1,600**	**420**	**590**	**800**	180
Mercury	**20**	**610**	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	**1,400**	**7,500**	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	**340**	**10,000**	NA	NA	NA	NA	NA	NA	NA	NA
Silver	**340**	**10,000**	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	**5.4**	**160**	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	**470**	**14,000**	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	**20,000**	**610,000**	NA	NA	NA	NA	NA	NA	NA	NA

Table 8
GDC Site
6 Rubber Avenue
Naugatuck, CT
Soil Analytical Results
Metals

Client ID Lab Sample ID Date Sampled Units=mg/Kg	CT DEP RDEC	CT DEP I/C DEC	Sump-1 10L0264-01 12/8/2010	Sump-2 10L0264-05 12/8/2010	Sump-3 10L0264-07 12/8/2010	Sump-4 10L0264-08 40520	TP-01 (2-4) 10K0881-01 11/30/2010	TP-03 (2-4) 10K0881-03 11/30/2010	TP-03A (10-12) 10K0881-04 11/30/2010	TP-04 (0-2) 10L0090-05 12/2/2010
Antimony	**27**	**8,200**	<3.1	<3.2	<5.4	7	<2.7	<2.8	<2.7	<3.4
Arsenic	**10**	**10**	<3.1	<3.2	<5.4	<6.3	3.1	4.8	<2.7	<3.4
Barium	**4,700**	**140,000**	42	19	96	240	63	380	33	1,400
Beryllium	**2**	**2**	<0.31	<0.32	<0.54	<0.63	<0.27	<0.28	<0.27	<0.34
Cadmium	**34**	**1,000**	1	<0.32	10	13	0.46	1.2	<0.27	1.9
Chromium	**3,900**	**51,000**	13	5	66	98	13	11	7.7	15
Copper	**2,500**	**76,000**	140	7	1,000	710	31	30	13	37
Cyanide	**1,400**	**41,000**	<0.41	<0.47	10	21	NR	<0.51	<0.33	<0.55
Lead	**400**	**1,000**	270	70	**1,900**	240	44	340	5	**520**
Mercury	**20**	**610**	0.032	0.047	1	1	0.082	2.3	0.025	0.29
Nickel	**1,400**	**7,500**	10	4	24	62	10	8.6	6.4	13
Selenium	**340**	**10,000**	<6.2	<6.4	<11	<13	<5.4	<5.7	<5.4	<6.7
Silver	**340**	**10,000**	<0.62	<0.64	14	<1.3	<0.54	<0.57	<0.54	<0.67
Thallium	**5.4**	**160**	<3.1	<3.2	<5.4	<6.3	<2.7	<2.8	<2.7	<3.4
Vanadium	**470**	**14,000**	13	10	25	29	24	27	16	36
Zinc	**20,000**	**610,000**	320	23	2,200	1,500	67	530	22	1,000

Table 8
GDC Site
6 Rubber Avenue
Naugatuck, CT
Soil Analytical Results
Metals

Client ID Lab Sample ID Date Sampled Units=mg/Kg	CT DEP RDEC	CT DEP I/C DEC	TP-04 (6-8) 10L0090-07 12/2/2010	TP-05 (2-4) 10L0028-02 12/1/2010	TP-05 (8-10) 10L0028-03 12/1/2010	TP-06 (2-4) 10L0028-08 12/1/2010	TP-07 (6-8) 10L0090-04 12/2/2010	TP-08 (4-6) 10L0090-02 12/2/2010	TP-09 (7-9) 10L0137-11 12/3/2010	TP-10 (4-6) 10L0137-12 12/3/2010
Antimony	**27**	**8,200**	<2.9	<3.6	<2.4	<2.8	<2.8	<2.6	<2.6	<2.6
Arsenic	**10**	**10**	<2.9	<3.6	<2.4	<2.8	<2.8	<2.6	<2.6	<2.6
Barium	**4,700**	**140,000**	760	840	36	130	350	270	65	73
Beryllium	**2**	**2**	<0.29	<0.36	<0.24	<0.28	<0.28	<0.26	<0.26	<0.26
Cadmium	**34**	**1,000**	1.8	2.1	<0.24	0.33	1.3	1.9	<0.26	<0.26
Chromium	**3,900**	**51,000**	15	20	8.5	14	29	16	8.2	8.2
Copper	**2,500**	**76,000**	34	49	29	19	54	42	22	17
Cyanide	**1,400**	**41,000**	<0.48	0.79	<0.33	<0.35	0.79	<0.38	<0.52	<0.29
Lead	**400**	**1,000**	390	**910**	9.2	75	90	88	180	34
Mercury	**20**	**610**	7.3	0.59	0.15	0.18	0.12	0.14	1.7	0.064
Nickel	**1,400**	**7,500**	12	15	8.5	12	24	11	6.9	7.4
Selenium	**340**	**10,000**	<5.8	<7.3	<4.8	<5.6	<5.7	<5.3	<5.2	<5.2
Silver	**340**	**10,000**	<0.58	<0.73	<0.48	<0.56	<0.57	<0.53	<0.52	<0.52
Thallium	**5.4**	**160**	<2.9	<3.6	<2.4	<2.8	<2.8	<2.6	<2.6	<2.6
Vanadium	**470**	**14,000**	35	37	13	30	31	21	16	17
Zinc	**20,000**	**610,000**	530	1,000	63	180	540	390	110	83

Table 8
GDC Site
6 Rubber Avenue
Naugatuck, CT
Soil Analytical Results
Metals

Client ID Lab Sample ID Date Sampled Units=mg/Kg	CT DEP RDEC	CT DEP I/C DEC	TP-11 (0-2) 10L0028-04 12/1/2010	TP-11 (6-8) 10L0028-06 12/1/2010	TP-12 (0-2) 10L0090-08 12/2/2010	TP-12 (6-8) 10L0090-09 12/2/2010	TP-13 (2-4) 10L0137-09 12/3/2010	TP-14 (7-9) 10L0137-04 12/3/2010	TP-14B (7-9) 10L0137-05 12/3/2010	TP-15 (0-2) 10L0137-01 12/3/2010
Antimony	**27**	**8,200**	<2.8	<3.2	<2.9	4	<2.8	<2.5	<2.6	6
Arsenic	**10**	**10**	<2.8	<3.2	4.1	9	<2.8	<2.5	<2.6	5
Barium	**4,700**	**140,000**	98	630	170	450	160	17	21	550
Beryllium	**2**	**2**	<0.28	<0.32	<0.29	<0.34	<0.28	<0.25	<0.26	<0.33
Cadmium	**34**	**1,000**	<0.28	4.1	0.53	0.79	<0.28	<0.25	<0.26	1
Chromium	**3,900**	**51,000**	13	16	12	13	8.2	5.4	6.6	14
Copper	**2,500**	**76,000**	17	43	39	83	26	11	11	56
Cyanide	**1,400**	**41,000**	<0.42	<0.46	NR	NR	<0.35	<0.35	<0.46	NR
Lead	**400**	**1,000**	72	**570**	**600**	**720**	110	5.4	5.5	**530**
Mercury	**20**	**610**	0.072	0.46	0.74	1.1	0.45	0.044	0.056	0.71
Nickel	**1,400**	**7,500**	10	15	9.8	12	6.5	6	6.7	11
Selenium	**340**	**10,000**	<5.6	<6.4	<5.8	<6.7	<5.6	<5.0	<5.3	<6.6
Silver	**340**	**10,000**	<0.56	<0.64	<0.58	<0.67	<0.56	<0.50	<0.53	<0.66
Thallium	**5.4**	**160**	<2.8	<3.2	<2.9	<3.4	<2.8	<2.5	<2.6	<3.3
Vanadium	**470**	**14,000**	29	32	35	24	14	10	12	33
Zinc	**20,000**	**610,000**	88	570	310	800	130	16	19	520

Table 8
GDC Site
6 Rubber Avenue
Naugatuck, CT
Soil Analytical Results
Metals

Client ID Lab Sample ID Date Sampled Units=mg/Kg	CT DEP RDEC	CT DEP I/C DEC	TP-15 (6-8) 10L0137-02 12/3/2010	TP-16 (4-6) 10L0137-07 12/3/2010
Antimony	**27**	**8,200**	4	<2.8
Arsenic	**10**	**10**	**28**	<2.8
Barium	**4,700**	**140,000**	550	49
Beryllium	**2**	**2**	<0.32	<0.28
Cadmium	**34**	**1,000**	1.3	0.29
Chromium	**3,900**	**51,000**	11	9.9
Copper	**2,500**	**76,000**	64	20
Cyanide	**1,400**	**41,000**	<0.56	<0.43
Lead	**400**	**1,000**	**410**	95
Mercury	**20**	**610**	1.8	0.32
Nickel	**1,400**	**7,500**	12	8.6
Selenium	**340**	**10,000**	<6.4	<5.6
Silver	**340**	**10,000**	<0.64	<0.56
Thallium	**5.4**	**160**	<3.2	<2.8
Vanadium	**470**	**14,000**	39	20
Zinc	**20,000**	**610,000**	540	95

Table 9
GDC Site
6 Rubber Avenue
Naugatuck, CT
Soil Analytical Results
SPLP Metals

Client ID Lab Sample ID Date Sampled Units=µg/L	CT DEP GB PMC	SB-104 (7-9) 10L0171-03 12/6/2010	SB-106 (2-4) 10L0171-05 12/6/2010	SB-108 (11-13) 10L0171-06 12/6/2010	SB-109 (11-13) 10L0171-07 12/6/2010	SB-113 (12-14) 10L0194-03 12/7/2010	SB-114 (12-14) 10L0194-04 12/7/2010	SB-127 (0-2) 11A0018-01 12/29/2010	SB-136 (1-3) 11A0018-09 12/29/2010	SB-138 (6-8) 11A0018-10 12/29/2010
Antimony	**60**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	**100**	<10	<10	<10	<10	<10	<10	12	NA	NA
Barium	**10,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	**40**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	**50**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	**500**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	**13,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	**150**	31	39	<10	<10	<10	<10	10	39	25
Mercury	**20**	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	NA	NA	NA
Nickel	**1,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	**500**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	**360**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	**50**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	**500**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	**50,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 9
GDC Site
6 Rubber Avenue
Naugatuck, CT
Soil Analytical Results
SPLP Metals

Client ID Lab Sample ID Date Sampled Units=µg/L	CT DEP GB PMC	SB-138 (12-14) 11A0018-20 12/29/2010	SB-139 (6-8) 11A0018-21 12/30/2010	SB-141 (6-8) 11A0018-22 12/31/2010	SB-142 (6-8) 11A0018-24 1/1/2011	SB-142 (10-12) 11A0018-25 1/2/2011	SB-142 (13-15) 11A0018-26 1/3/2011	SB-146 (2-4) 11A0018-12 12/30/2010	SB-147 (13-15) 11A0018-13 12/30/2010	SB-149 (6-8) 11A0018-16 12/30/2010
Antimony	**60**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	**100**	NA	NA	NA	<2.0	NA	NA	4	NA	NA
Barium	**10,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	**40**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	**50**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	**500**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	**13,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	**150**	**1,800** #	43	**1,000**	<5.0	<5.0	140	**190**	**830** #	83
Mercury	**20**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	**1,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	**500**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	**360**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	**50**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	**500**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	**50,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 9
GDC Site
6 Rubber Avenue
Naugatuck, CT
Soil Analytical Results
SPLP Metals

Client ID Lab Sample ID Date Sampled Units=µg/L	CT DEP GB PMC	SB-149 (12-14) 11A0018-18 12/30/2010	TP-01 (2-4) 10K0881-01 11/30/2010	TP-03 (2-4) 10K0881-03 11/30/2010	TP-03A (10-12) 10K0881-04 11/30/2010	TP-04 (0-2) 10L0090-05 12/2/2010	TP-04 (6-8) 10L0090-07 12/2/2010	TP-05 (2-4) 10L0028-02 12/1/2010	TP-05 (8-10) 10L0028-03 12/1/2010	TP-06 (2-4) 10L0028-08 12/1/2010
Antimony	**60**	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Arsenic	**100**	3	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Barium	**10,000**	NA	82	120	<50	340	310	260	<50	52
Beryllium	**40**	NA	<2.0	<8.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0
Cadmium	**50**	NA	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Chromium	**500**	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Copper	**13,000**	NA	<25	<25	<25	<25	<25	<25	<25	<25
Lead	**150**	**220** #	8.5	***200***	<5.0	***230***	***160***	140	18	<5.0
Mercury	**20**	NA	<25	<25	<25	<25	<25	<25	<25	<25
Nickel	**1,000**	NA	<25	<25	<25	<25	<25	<25	<25	<25
Selenium	**500**	NA	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Silver	**360**	NA	1.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Thallium	**50**	NA	<25	<25	<25	<25	<25	<25	<25	<25
Vanadium	**500**	NA	<50	220	<50	400	280	220	55	<50
Zinc	**50,000**	NA	<0.10	0.33	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10

Table 9
GDC Site
6 Rubber Avenue
Naugatuck, CT
Soil Analytical Results
SPLP Metals

Client ID Lab Sample ID Date Sampled Units=µg/L	CT DEP GB PMC	TP-07 (6-8) 10L0090-04 12/2/2010	TP-08 (4-6) 10L0090-02 12/2/2010	TP-09 (7-9) 10L0137-11 12/3/2010	TP-10 (4-6) 10L0137-12 12/3/2010	TP-11 (0-2) 10L0028-04 12/1/2010	TP-11 (6-8) 10L0028-06 12/1/2010	TP-12 (0-2) 10L0090-08 12/2/2010	TP-12 (6-8) 10L0090-09 12/2/2010
Antimony	**60**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Arsenic	**100**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2
Barium	**10,000**	<50	70	56	53	140	120	160	140
Beryllium	**40**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Cadmium	**50**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Chromium	**500**	19	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Copper	**13,000**	<25	<25	<25	<25	<25	<25	<25	52
Lead	**150**	<5.0	13	53	6.9	7.9	110	140	**180**
Mercury	**20**	<25	<25	<0.10	<0.10	<25	<25	<25	<25
Nickel	**1,000**	<25	<25	<25	<25	<25	<25	<25	<25
Selenium	**500**	<2.5	<2.5	<25	<25	<2.5	<2.5	<2.5	<2.5
Silver	**360**	<1.0	<1.0	<2.5	<2.5	<1.0	<1.0	<1.0	<1.0
Thallium	**50**	<25	<25	<1.0	<1.0	<25	<25	<25	<25
Vanadium	**500**	<50	75	<25	<25	63	150	91	**570**
Zinc	**50,000**	<0.10	<0.10	<50	<50	<0.10	<0.10	<0.10	<0.10

Table 9
GDC Site
6 Rubber Avenue
Naugatuck, CT
Soil Analytical Results
SPLP Metals

Client ID Lab Sample ID Date Sampled Units=µg/L	CT DEP GB PMC	TP-13 (2-4) 10L0137-09 12/3/2010	TP-14 (7-9) 10L0137-04 12/3/2010	TP-14B (7-9) 10L0137-05 12/3/2010	TP-15 (0-2) 10L0137-01 12/3/2010	TP-15 (6-8) 10L0137-02 12/3/2010	TP-16 (4-6) 10L0137-07 12/3/2010
Antimony	**60**	7	<5.0	<5.0	8	7	6
Arsenic	**100**	<2.0	<2.0	<2.0	<2.0	7	<2.0
Barium	**10,000**	90	<50	<50	62	71	<50
Beryllium	**40**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Cadmium	**50**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Chromium	**500**	<5.0	<5.0	7	<5.0	<5.0	<5.0
Copper	**13,000**	<25	<25	<25	<25	<25	<25
Lead	**150**	44	<5.0	5.5	61	24	17
Mercury	**20**	<0.10	<0.10	<0.10	<0.10	0.13	<0.10
Nickel	**1,000**	<25	<25	<25	<25	<25	<25
Selenium	**500**	<25	<25	<25	<25	<25	<25
Silver	**360**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Thallium	**50**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vanadium	**500**	<25	<25	<25	<25	<25	<25
Zinc	**50,000**	<50	<50	<50	66	<50	<50

Table 10
GDC Site
6 Rubber Avenue
Naugatuck, CT
Soil Analytical Results
Polychlorinated Biphenyls

Client ID Lab Sample ID Date Sampled Units=mg/Kg	CT DEP RDEC	CT DEP I/C DEC	SB-101 (0-2) 10L0171-01 12/6/2010	SB-104 (7-9) 10L0171-03 12/6/2010	SB-106 (2-4) 10L0171-05 12/6/2010	SB-108 (11-13) 10L0171-06 12/6/2010	SB-132 (0-2) 11A0018-04 12/29/2010	SB-136 (1-3) 11A0018-09 12/29/2010	SB-138 (6-8) 11A0018-10 12/29/2010	SB-138 (12-14) 11A0018-20 12/29/2010
Aroclor-1016	**NS**	**NS**	<0.10	<0.11	<0.10	<0.10	<0.11	<0.11	<0.14	<0.13
Aroclor-1221	**NS**	**NS**	<0.10	<0.11	<0.10	<0.10	<0.11	<0.11	<0.14	<0.13
Aroclor-1232	**NS**	**NS**	<0.10	<0.11	<0.10	<0.10	<0.11	<0.11	<0.14	<0.13
Aroclor-1242	**NS**	**NS**	<0.10	<0.11	<0.10	<0.10	<0.11	<0.11	<0.14	<0.13
Aroclor-1248	**NS**	**NS**	<0.10	<0.11	<0.10	<0.10	<0.11	<0.11	<0.14	<0.13
Aroclor-1254	**NS**	**NS**	<0.10	<0.11	<0.10	<0.10	<0.11	<0.11	<0.14	<0.13
Aroclor-1260	**NS**	**NS**	<0.10	<0.11	<0.10	<0.10	<0.11	<0.11	<0.14	<0.13
Aroclor-1262	**NS**	**NS**	<0.10	<0.11	<0.10	<0.10	<0.11	<0.11	<0.14	<0.13
Aroclor-1268	**NS**	**NS**	<0.10	<0.11	<0.10	<0.10	<0.11	<0.11	<0.14	<0.13
Total PCBs	**1**	**10**	ND	ND	ND	ND	ND	ND	ND	ND

Table 10
GDC Site
6 Rubber Avenue
Naugatuck, CT
Soil Analytical Results
Polychlorinated Biphenyls

Client ID Lab Sample ID Date Sampled Units=mg/Kg	CT DEP RDEC	CT DEP I/C DEC	SB-139 (6-8) 11A0018-21 12/29/2010	SB-141 (6-8) 11A0018-22 12/29/2010	SB-142 (6-8) 11A0018-24 12/29/2010	SB-142 (10-12) 11A0018-25 12/29/2010	SB-142 (13-15) 11A0018-26 12/29/2010	SB-143 (8-10) 11A0018-27 12/29/2010	SB-145 (7-9) 11A0018-11 12/30/2010	SB-146 (2-4) 11A0018-12 12/30/2010
Aroclor-1016	**NS**	**NS**	<0.12	<0.11	<0.11	<0.14	<0.16	<0.12	<0.13	<0.11
Aroclor-1221	**NS**	**NS**	<0.12	<0.11	<0.11	<0.14	<0.16	<0.12	<0.13	<0.11
Aroclor-1232	**NS**	**NS**	<0.12	<0.11	<0.11	<0.14	<0.16	<0.12	<0.13	<0.11
Aroclor-1242	**NS**	**NS**	<0.12	<0.11	<0.11	<0.14	<0.16	<0.12	<0.13	<0.11
Aroclor-1248	**NS**	**NS**	<0.12	0.3	<0.11	<0.14	<0.16	0.34	<0.13	<0.11
Aroclor-1254	**NS**	**NS**	<0.12	0.2	<0.11	<0.14	<0.16	0.31	<0.13	<0.11
Aroclor-1260	**NS**	**NS**	<0.12	<0.11	<0.11	<0.14	<0.16	<0.12	<0.13	<0.11
Aroclor-1262	**NS**	**NS**	<0.12	<0.11	<0.11	<0.14	<0.16	<0.12	<0.13	<0.11
Aroclor-1268	**NS**	**NS**	<0.12	<0.11	<0.11	<0.14	<0.16	<0.12	<0.13	<0.11
Total PCBs	**1**	**10**	ND	0.5	ND	ND	ND	0.65	ND	ND

Table 10
GDC Site
6 Rubber Avenue
Naugatuck, CT
Soil Analytical Results
Polychlorinated Biphenyls

Client ID Lab Sample ID Date Sampled Units=mg/Kg	CT DEP RDEC	CT DEP I/C DEC	SB-147 (13-15) 11A0018-13 12/30/2010	SB-148 (9-11) 11A0018-14 12/30/2010	SB-148 (13-15) 11A0018-15 12/30/2010	SB-149 (6-8) 11A0018-16 12/30/2010	SB-149 (12-14) 11A0018-18 12/30/2010	Sump-1 10L0264-01 12/8/2010	Sump-2 10L0264-05 12/8/2010	Sump-3 10L0264-07 12/8/2010
Aroclor-1016	**NS**	**NS**	<0.14	<0.14	<0.15	<0.12	<0.13	<0.12	<0.13	<0.22
Aroclor-1221	**NS**	**NS**	<0.14	<0.14	<0.15	<0.12	<0.13	<0.12	<0.13	<0.22
Aroclor-1232	**NS**	**NS**	<0.14	<0.14	<0.15	<0.12	<0.13	<0.12	<0.13	<0.22
Aroclor-1242	**NS**	**NS**	<0.14	<0.14	<0.15	<0.12	<0.13	<0.12	<0.13	<0.22
Aroclor-1248	**NS**	**NS**	<0.14	<0.14	<0.15	<0.12	<0.13	<0.12	<0.13	<0.22
Aroclor-1254	**NS**	**NS**	<0.14	<0.14	<0.15	<0.12	<0.13	<0.12	<0.13	0.25
Aroclor-1260	**NS**	**NS**	<0.14	<0.14	<0.15	<0.12	<0.13	<0.12	<0.13	<0.22
Aroclor-1262	**NS**	**NS**	<0.14	<0.14	<0.15	<0.12	<0.13	<0.12	<0.13	<0.22
Aroclor-1268	**NS**	**NS**	<0.14	<0.14	<0.15	<0.12	<0.13	<0.12	<0.13	<0.22
Total PCBs	**1**	**10**	ND	ND	ND	ND	ND	ND	ND	0.25

Table 10
GDC Site
6 Rubber Avenue
Naugatuck, CT
Soil Analytical Results
Polychlorinated Biphenyls

Client ID Lab Sample ID Date Sampled Units=mg/Kg	CT DEP RDEC	CT DEP I/C DEC	Sump-4 10L0264-08 12/8/2010	TP-01 (2-4) 10K0881-01 11/30/2010	TP-03 (2-4) 10K0881-03 11/30/2010	TP-03A (10-12) 10K0881-04 11/30/2010	TP-04 (0-2) 10L0090-05 12/2/2010	TP-04 (6-8) 10L0090-07 12/2/2010	TP-05 (2-4) 10L0028-02 12/1/2010	TP-05 (8-10) 10L0028-03 12/1/2010
Aroclor-1016	**NS**	**NS**	<0.25	<0.11	<0.11	<0.11	<0.13	<0.12	<0.15	<0.10
Aroclor-1221	**NS**	**NS**	<0.25	<0.11	<0.11	<0.11	<0.13	<0.12	<0.15	<0.10
Aroclor-1232	**NS**	**NS**	<0.25	<0.11	<0.11	<0.11	<0.13	<0.12	<0.15	<0.10
Aroclor-1242	**NS**	**NS**	<0.25	<0.11	<0.11	<0.11	<0.13	<0.12	<0.15	<0.10
Aroclor-1248	**NS**	**NS**	<0.25	<0.11	<0.11	<0.11	<0.13	<0.12	<0.15	<0.10
Aroclor-1254	**NS**	**NS**	0.56	<0.11	0.7	<0.11	0.98	0.2	1.5	<0.10
Aroclor-1260	**NS**	**NS**	<0.25	<0.11	<0.11	<0.11	<0.13	<0.12	<0.15	<0.10
Aroclor-1262	**NS**	**NS**	<0.25	<0.11	<0.11	<0.11	<0.13	<0.12	<0.15	<0.10
Aroclor-1268	**NS**	**NS**	<0.25	<0.11	<0.11	<0.11	<0.13	<0.12	<0.15	<0.10
Total PCBs	**1**	**10**	0.56	ND	0.7	ND	0.98	0.2	**1.5**	ND

Table 10
GDC Site
6 Rubber Avenue
Naugatuck, CT
Soil Analytical Results
Polychlorinated Biphenyls

Client ID Lab Sample ID Date Sampled Units=mg/Kg	CT DEP RDEC	CT DEP I/C DEC	TP-06 (2-4) 10L0028-08 12/1/2010	TP-07 (6-8) 10L0090-04 12/2/2010	TP-08 (4-6) 10L0090-02 12/2/2010	TP-09 (7-9) 10L0137-11 12/3/2010	TP-10 (4-6) 10L0137-12 12/3/2010	TP-11 (0-2) 10L0028-04 12/1/2010	TP-11 (6-8) 10L0028-06 12/1/2010	TP-12 (6-8) 10L0090-09 12/2/2010
Aroclor-1016	**NS**	**NS**	<0.23	<0.12	<0.11	<0.10	<0.11	<0.11	<0.25	<0.13
Aroclor-1221	**NS**	**NS**	<0.23	<0.12	<0.11	<0.10	<0.11	<0.11	<0.25	<0.13
Aroclor-1232	**NS**	**NS**	<0.23	<0.12	<0.11	<0.10	<0.11	<0.11	<0.25	<0.13
Aroclor-1242	**NS**	**NS**	<0.23	<0.12	<0.11	<0.10	<0.11	<0.11	<0.25	<0.13
Aroclor-1248	**NS**	**NS**	<0.23	0.55	<0.11	<0.10	<0.11	<0.11	2.7	<0.13
Aroclor-1254	**NS**	**NS**	1.6	0.58	0.58	<0.10	<0.11	0.15	<0.25	0.54
Aroclor-1260	**NS**	**NS**	<0.23	<0.12	<0.11	<0.10	<0.11	<0.11	<0.25	<0.13
Aroclor-1262	**NS**	**NS**	<0.23	<0.12	<0.11	<0.10	<0.11	<0.11	<0.25	<0.13
Aroclor-1268	**NS**	**NS**	<0.23	<0.12	<0.11	<0.10	<0.11	<0.11	<0.25	<0.13
Total PCBs	**1**	**10**	**1.6**	**1.13**	0.58	ND	ND	0.15	**2.7**	0.54

Table 10
GDC Site
6 Rubber Avenue
Naugatuck, CT
Soil Analytical Results
Polychlorinated Biphenyls

Client ID Lab Sample ID Date Sampled Units=mg/Kg	CT DEP RDEC	CT DEP I/C DEC	TP-13 (2-4) 10L0137-09 12/3/2010	TP-14 (0-2) 10L0137-03 12/3/2010	TP-14 (7-9) 10L0137-04 12/3/2010	TP-14B (7-9) 10L0137-05 12/3/2010	TP-15 (6-8) 10L0137-02 12/3/2010	TP-16 (4-6) 10L0137-07 12/3/2010
Aroclor-1016	**NS**	**NS**	<0.11	<0.11	<0.10	<0.10	<6.2	<0.11
Aroclor-1221	**NS**	**NS**	<0.11	<0.11	<0.10	<0.10	<6.2	<0.11
Aroclor-1232	**NS**	**NS**	<0.11	<0.11	<0.10	<0.10	<6.2	<0.11
Aroclor-1242	**NS**	**NS**	<0.11	<0.11	<0.10	<0.10	47	<0.11
Aroclor-1248	**NS**	**NS**	<0.11	<0.11	<0.10	<0.10	<6.2	<0.11
Aroclor-1254	**NS**	**NS**	0.67	<0.11	<0.10	<0.10	<6.2	<0.11
Aroclor-1260	**NS**	**NS**	<0.11	0.23	<0.10	<0.10	<6.2	<0.11
Aroclor-1262	**NS**	**NS**	<0.11	<0.11	<0.10	<0.10	<6.2	<0.11
Aroclor-1268	**NS**	**NS**	<0.11	<0.11	<0.10	<0.10	<6.2	<0.11
Total PCBs	**1**	**10**	0.67	0.23	ND	ND	**47**	ND

Table 11
GDC Site
6 Rubber Avenue
Naugatuck, CT
Soil Analytical Results
SPLP Polychlorinated Biphenyls

Client ID Lab Sample ID Date Sampled Units=µg/L	CT DEP GB PMC	TP-05 (2-4) 10L0388-01 12/1/2010	TP-06 (2-4) 10L0672-03 12/1/2010	TP-07 (6-8) 10L0671-01 12/2/2010
Aroclor-1016	**NS**	<0.20	<0.20	<0.20
Aroclor-1221	**NS**	<0.20	<0.20	<0.20
Aroclor-1232	**NS**	<0.20	<0.20	<0.20
Aroclor-1242	**NS**	<0.20	<0.20	<0.20
Aroclor-1248	**NS**	<0.20	<0.20	<0.20
Aroclor-1254	**NS**	<0.20	<0.20	<0.20
Aroclor-1260	**NS**	<0.20	<0.20	<0.20
Aroclor-1262	**NS**	<0.20	<0.20	<0.20
Aroclor-1268	**NS**	<0.20	<0.20	<0.20
Total PCBs	**5**	ND	ND	ND

Table 12
GDC Site
6 Rubber Avenue
Naugatuck, CT
Soil Analytical Results
ETPH

Client ID Lab Sample ID Date Sampled	CT DEP RDEC	CT DEP I/C DEC	CT DEP GB PMC	SB-101 (0-2) 10L0171-01 12/6/2010	SB-104 (7-9) 10L0171-03 12/6/2010	SB-106 (2-4) 10L0171-05 12/6/2010	SB-108 (11-13) 10L0171-06 12/6/2010	SB-109 (11-13) 10L0171-07 12/6/2010	SB-110 (6-8) 10L0194-01 12/7/2010	SB-111 (6-8) 10L0194-02 12/7/2010	SB-116 (4-6) 10L0264-02 12/8/2010
ETPH (mg/Kg)	**500**	**2,500**	**2,500**	15	23	<10	11	29	440	12	18
SPLP-ETPH (mg/L)	**NS**	**NS**	**1**	NA	NA	NA	NA	NA	NA	NA	NA

Table 12
GDC Site
6 Rubber Avenue
Naugatuck, CT
Soil Analytical Results
ETPH

Client ID Lab Sample ID Date Sampled	CT DEP RDEC	CT DEP I/C DEC	CT DEP GB PMC	SB-117 (10-12) 10L0264-03 12/8/2010	SB-118 (6-8) 10L0264-04 12/8/2010	SB-119 (2-4) 10L0264-06 12/8/2010	SB-120 (6-8) 10L0264-09 12/8/2010	SB-122 (4-6) 10L0291-02 12/9/2010	SB-123 (9-11) 10L0291-04 12/9/2010	SB-123B (9-11) 10L0291-05 12/9/2010	SB-124 (6-8) 10L0291-07 12/9/2010
ETPH (mg/Kg)	**500**	**2,500**	**2,500**	12	**850**	15	48	260	<10	<10	**620**
SPLP-ETPH (mg/L)	**NS**	**NS**	**1**	NA	NA	NA	NA	NA	NA	NA	NA

Table 12
GDC Site
6 Rubber Avenue
Naugatuck, CT
Soil Analytical Results
ETPH

Client ID Lab Sample ID Date Sampled	CT DEP RDEC	CT DEP I/C DEC	CT DEP GB PMC	SB-126 (2-4) 10L0291-10 12/9/2010	SB-126 (8-10) 10L0291-11 12/9/2010	SB-128 (0-2) 11A0018-02 12/29/2010	SB-130 (0-2) 11A0018-03 12/29/2010	SB-134 (10-12) 11A0018-07 12/29/2010	SB-134 (14-16) 11A0018-08 12/29/2010	SB-142 (13-15) 11A0018-26 12/29/2010	SB-148 (9-11) 11A0018-14 12/30/2010
ETPH (mg/Kg)	**500**	**2,500**	**2,500**	31	130	**610**	170	<12	<11	**4,300** #	**710**
SPLP-ETPH (mg/L)	**NS**	**NS**	**1**	NA	NA	NA	NA	NA	NA	NA	NA

Table 12
GDC Site
6 Rubber Avenue
Naugatuck, CT
Soil Analytical Results
ETPH

Client ID Lab Sample ID Date Sampled	CT DEP RDEC	CT DEP I/C DEC	CT DEP GB PMC	SB-148 (13-15) 11A0018-15 12/30/2010	SB-149 (12-14) 11A0018-18 12/30/2010	Sump-1 10L0264-01 12/8/2010	Sump-2 10L0264-05 12/8/2010	Sump-3 10L0264-07 12/8/2010	Sump-4 10L0264-08 12/8/2010	TP-01 (2-4) 10K0881-01 11/30/2010	TP-03 (2-4) 10K0881-03 11/30/2010
ETPH (mg/Kg)	**500**	**2,500**	**2,500**	**2,600** #	210	**590**	16	**4,600**	**4,900**	55	380
SPLP-ETPH (mg/L)	**NS**	**NS**	**1**	NA	NA	NA	NA	NA	NA	NA	NA

Table 12
GDC Site
6 Rubber Avenue
Naugatuck, CT
Soil Analytical Results
ETPH

Client ID Lab Sample ID Date Sampled	CT DEP RDEC	CT DEP I/C DEC	CT DEP GB PMC	TP-03A (10-12) 10K0881-04 11/30/2010	TP-04 (0-2) 10L0090-05 12/2/2010	TP-04 (6-8) 10L0090-07 12/2/2010	TP-05 (2-4) 10L0028-02 12/1/2010	TP-05 (8-10) 10L0028-03 12/1/2010	TP-06 (2-4) 10L0028-08 12/1/2010	TP-07 (6-8) 10L0090-04 12/2/2010
ETPH (mg/Kg)	**500**	**2,500**	**2,500**	<10	**820**	210	**6,600**	<10	140	**1,200**
SPLP-ETPH (mg/L)	**NS**	**NS**	**1**	NA	NA	NA	0.71	NA	NA	NA

Table 12
GDC Site
6 Rubber Avenue
Naugatuck, CT
Soil Analytical Results
ETPH

Client ID Lab Sample ID Date Sampled	CT DEP RDEC	CT DEP I/C DEC	CT DEP GB PMC	TP-08 (4-6) 10L0090-02 12/2/2010	TP-09 (7-9) 10L0137-11 12/3/2010	TP-10 (4-6) 10L0137-12 12/3/2010	TP-11 (0-2) 10L0028-04 12/1/2010	TP-11 (6-8) 10L0028-06 12/1/2010	TP-12 (6-8) 10L0090-09 12/2/2010	TP-13 (2-4) 10L0137-09 12/3/2010	TP-14 (0-2) 10L0137-03 12/3/2010
ETPH (mg/Kg)	**500**	**2,500**	**2,500**	310	390	52	200	**720**	220	300	**900**
SPLP-ETPH (mg/L)	**NS**	**NS**	**1**	NA	NA	NA	NA	NA	NA	NA	NA

Table 12
GDC Site
6 Rubber Avenue
Naugatuck, CT
Soil Analytical Results
ETPH

Client ID Lab Sample ID Date Sampled	CT DEP RDEC	CT DEP I/C DEC	CT DEP GB PMC	TP-14 (7-9) 10L0137-04 12/3/2010	TP-14B (7-9) 10L0137-05 12/3/2010	TP-15 (6-8) 10L0137-02 12/3/2010	TP-16 (4-6) 10L0137-07 12/3/2010
ETPH (mg/Kg)	**500**	**2,500**	**2,500**	60	69	320	58
SPLP-ETPH (mg/L)	**NS**	**NS**	**1**	NA	NA	NA	NA

Table 13

GDC Site

6 Rubber Avenue
Naugatuck, CT
Groundwater Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Units=µg/L	CT DEP SWPC	CT DEP RGVC	CT DEP I/C GWVC	GDC-MW-2 11A0002-03 12/30/2010	GDC-MW-5 10L0811-07 12/29/2010	GDC-MW-101 10L0811-01 12/28/2010	GDC-MW-102 11A0002-01 12/30/2010	GDC-MW-102B 11A0002-02 12/30/2010
1,1,1,2-Tetrachloroethane	NS	2	64	<0.50	<0.50	<0.50	<1.0	<1.0
1,1,1-Trichloroethane	62,000	6,500	16,000	<1.0	1.3	<1.0	<0.50	<0.50
1,1,2,2-Tetrachloroethane	110	1.8	54	<1.0	<1.0	<1.0	<0.50	<0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50
1,1,2-Trichloroethane	1,260	220	2,900	<0.50	<0.50	<0.50	<0.50	<0.50
1,1-Dichloroethane	NS	3,000	41,000	<0.50	<0.50	<0.50	<0.50	<0.50
1,1-Dichloroethylene	96	190	920	<0.50	<0.50	<0.50	<0.50	<0.50
1,1-Dichloropropene	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50
1,2,3-Trichlorobenzene	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50
1,2,3-Trichloropropane	NS	NS	NS	<1.0	<1.0	<1.0	<0.50	<0.50
1,2,4-Trichlorobenzene	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50
1,2,4-Trimethylbenzene	NS	360	4800	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dibromo-3-chloropropane (DBCP)	NS	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromoethane (EDB)	NS	0.3	11	<1.0	<1.0	<1.0	<0.50	<0.50
1,2-Dichlorobenzene	170,000	5,100	50,000	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dichloroethane	2,970	6.5	68	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dichloropropane	NS	7.4	58	<0.50	<0.50	<0.50	<0.50	<0.50
1,3,5-Trimethylbenzene	NS	280	3,900	<2.0	<2.0	<2.0	<0.50	<0.50
1,3-Dichlorobenzene	26,000	4,300	50,000	<0.50	<0.50	<0.50	<0.50	<0.50
1,3-Dichloropropane	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50
1,4-Dichlorobenzene	26,000	1,400	3,400	<0.50	<0.50	<0.50	<0.50	<0.50
2,2-Dichloropropane	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50
2-Butanone (MEK)	NS	50,000	50,000	<5.0	<5.0	<5.0	<5.0	<5.0
2-Chlorotoluene	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50
2-Hexanone (MBK)	NS	NS	NS	<20	<20	<20	<5.0	<5.0
4-Chlorotoluene	NS	NS	NS	<1.0	<1.0	<1.0	<0.50	<0.50
4-Methyl-2-pentanone (MIBK)	NS	13,000	50,000	<10	<10	<10	<5.0	<5.0
Acetone	NS	50,000	50,000	<10	<10	<10	<5.0	<5.0
Acrylonitrile	20	NS	NS	<2.0	<2.0	<2.0	<2.0	<2.0
Benzene	710	130	310	<0.50	<0.50	<0.50	<0.50	<0.50
Bromobenzene	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50
Bromodichloromethane	NS	2.3	73	<0.50	<0.50	<0.50	<0.50	<0.50
Bromoform	10,800	75	2,300	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50
Carbon Disulfide	NS	NS	NS	<10	<10	<10	<5.0	<5.0
Carbon Tetrachloride	132	5.3	14	<0.50	<0.50	<0.50	<1.0	<1.0
Chlorobenzene	420,000	1,800	23,000	<0.50	<0.50	<0.50	<0.50	<0.50
Chlorodibromomethane	1,020	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50
Chloroethane	NS	12,000	29,000	<0.50	<0.50	<0.50	<0.50	<0.50
Chloroform	14,100	26	62	5.1	<0.50	<0.50	<0.50	<0.50
Chloromethane	NS	390	5,500	<1.0	<1.0	<1.0	<0.50	<0.50
cis-1,2-Dichloroethylene	NS	830	11,000	<0.50	<0.50	<0.50	<0.50	<0.50
cis-1,3-Dichloropropene	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50
Dibromomethane	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50
Dichlorodifluoromethane (Freon 12)	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50
Ethylbenzene	580,000	2,700	36,000	<0.50	<0.50	<0.50	<0.50	<0.50
Hexachlorobutadiene	NS	NS	NS	<0.40	<0.40	<0.40	<0.50	<0.50
Isopropylbenzene (Cumene)	NS	2,800	6,800	<1.0	<1.0	<1.0	<0.50	<0.50
m+p Xylene	NS	See Totals	See Totals	<2.0	<2.0	<2.0	<2.0	<2.0
Methyl tert-Butyl Ether (MTBE)	NS	21,000	50,000	1.1	<0.50	<0.50	<0.50	<0.50
Methylene Chloride	48,000	160	2,200	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	NS	NS	NS	<2.0	<2.0	<2.0	<2.0	<2.0
n-Butylbenzene	NS	1,500	21,000	<1.0	<1.0	<1.0	<1.0	<1.0
n-Propylbenzene	NS	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0
o-Xylene	NS	See Totals	See Totals	<1.0	<1.0	<1.0	<1.0	<1.0
p-Isopropyltoluene (p-Cymene)	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50
sec-Butylbenzene	NS	1,500	20,000	<1.0	<1.0	<1.0	<1.0	<1.0
Styrene	NS	3,100	42,000	<2.0	<2.0	<2.0	<1.0	<1.0
tert-Butylbenzene	NS	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethylene	88	340	810	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrahydrofuran	NS	NS	NS	<10	<10	<10	<10	<10
Toluene	4,000,000	7,100	41,000	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes	NS	8,700	48,000	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene	NS	1,000	13,000	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50
trans-1,4-Dichloro-2-butene	NS	NS	NS	<2.0	<2.0	<2.0	<2.0	<2.0
Trichloroethylene	2,340	27	67	<1.0	<1.0	<1.0	<1.0	<1.0
Trichlorofluoromethane (Freon 11)	NS	NS	NS	<2.0	<2.0	<2.0	<2.0	<2.0
Vinyl Chloride	15,750	1.6	52	<1.0	<1.0	<1.0	<1.0	<1.0

Table 13

GDC Site

6 Rubber Avenue
Naugatuck, CT
Groundwater Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Units=µg/L	CT DEP SWPC	CT DEP RGVC	CT DEP I/C GWVC	GDC-MW-103 10L0811-02 12/28/2010	GDC-MW-104 10L0811-09 12/29/2010	GDC-MW-105 10L0811-03 12/28/2010	GDC-MW-106 10L0811-05 12/29/2010	GDC-MW-107 10L0811-04 12/29/2010
1,1,1,2-Tetrachloroethane	NS	2	64	<0.50	<0.50	<0.50	<0.50	<0.50
1,1,1-Trichloroethane	62,000	6,500	16,000	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	110	1.8	54	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NS	NS	NS	<0.50	1.1	<0.50	<0.50	<0.50
1,1,2-Trichloroethane	1,260	220	2,900	<0.50	<0.50	<0.50	<0.50	<0.50
1,1-Dichloroethane	NS	3,000	41,000	<0.50	0.92	<0.50	<0.50	<0.50
1,1-Dichloroethylene	96	190	920	<0.50	<0.50	<0.50	<0.50	<0.50
1,1-Dichloropropene	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50
1,2,3-Trichlorobenzene	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50
1,2,3-Trichloropropane	NS	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trichlorobenzene	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50
1,2,4-Trimethylbenzene	NS	360	4800	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dibromo-3-chloropropane (DBCP)	NS	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromoethane (EDB)	NS	0.3	11	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	170,000	5,100	50,000	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dichloroethane	2,970	6.5	68	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dichloropropane	NS	7.4	58	<0.50	<0.50	<0.50	<0.50	<0.50
1,3,5-Trimethylbenzene	NS	280	3,900	<2.0	<2.0	<2.0	<2.0	<2.0
1,3-Dichlorobenzene	26,000	4,300	50,000	<0.50	<0.50	<0.50	<0.50	<0.50
1,3-Dichloropropane	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50
1,4-Dichlorobenzene	26,000	1,400	3,400	<0.50	<0.50	<0.50	<0.50	<0.50
2,2-Dichloropropane	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50
2-Butanone (MEK)	NS	50,000	50,000	<5.0	<5.0	<5.0	<5.0	<5.0
2-Chlorotoluene	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50
2-Hexanone (MBK)	NS	NS	NS	<20	<20	<20	<20	<20
4-Chlorotoluene	NS	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-pentanone (MIBK)	NS	13,000	50,000	<10	<10	<10	<10	<10
Acetone	NS	50,000	50,000	<10	<10	<10	<10	<10
Acrylonitrile	20	NS	NS	<2.0	<2.0	<2.0	<2.0	<2.0
Benzene	710	130	310	<0.50	<0.50	<0.50	<0.50	<0.50
Bromobenzene	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50
Bromodichloromethane	NS	2.3	73	<0.50	<0.50	<0.50	<0.50	<0.50
Bromoform	10,800	75	2,300	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50
Carbon Disulfide	NS	NS	NS	<10	<10	<10	<10	<10
Carbon Tetrachloride	132	5.3	14	<0.50	<0.50	<0.50	<0.50	<0.50
Chlorobenzene	420,000	1,800	23,000	<0.50	<0.50	<0.50	<0.50	<0.50
Chlorodibromomethane	1,020	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50
Chloroethane	NS	12,000	29,000	<0.50	<0.50	<0.50	<0.50	<0.50
Chloroform	14,100	26	62	<0.50	1.3	0.67	<0.50	0.78
Chloromethane	NS	390	5,500	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethylene	NS	830	11,000	0.58	4.6	1.2	<0.50	<0.50
cis-1,3-Dichloropropene	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50
Dibromomethane	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50
Dichlorodifluoromethane (Freon 12)	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50
Ethylbenzene	580,000	2,700	36,000	<0.50	<0.50	<0.50	<0.50	<0.50
Hexachlorobutadiene	NS	NS	NS	<0.40	<0.40	<0.40	<0.40	<0.40
Isopropylbenzene (Cumene)	NS	2,800	6,800	<1.0	<1.0	<1.0	<1.0	<1.0
m+p Xylene	NS	See Totals	See Totals	<2.0	<2.0	<2.0	<2.0	<2.0
Methyl tert-Butyl Ether (MTBE)	NS	21,000	50,000	3.4	<0.50	<0.50	<0.50	<0.50
Methylene Chloride	48,000	160	2,200	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	NS	NS	NS	<2.0	<2.0	<2.0	<2.0	<2.0
n-Butylbenzene	NS	1,500	21,000	<1.0	<1.0	<1.0	<1.0	<1.0
n-Propylbenzene	NS	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0
o-Xylene	NS	See Totals	See Totals	<1.0	<1.0	<1.0	<1.0	<1.0
p-Isopropyltoluene (p-Cymene)	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50
sec-Butylbenzene	NS	1,500	20,000	<1.0	<1.0	<1.0	<1.0	<1.0
Styrene	NS	3,100	42,000	<2.0	<2.0	<2.0	<2.0	<2.0
tert-Butylbenzene	NS	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethylene	88	340	810	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrahydrofuran	NS	NS	NS	<10	<10	<10	<10	<10
Toluene	4,000,000	7,100	41,000	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes	NS	8,700	48,000	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene	NS	1,000	13,000	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50
trans-1,4-Dichloro-2-butene	NS	NS	NS	<2.0	<2.0	<2.0	<2.0	<2.0
Trichloroethylene	2,340	27	67	<1.0	1.5	<1.0	<1.0	<1.0
Trichlorofluoromethane (Freon 11)	NS	NS	NS	<2.0	<2.0	<2.0	<2.0	<2.0
Vinyl Chloride	15,750	1.6	52	<1.0	<1.0	<1.0	<1.0	<1.0

Table 13

GDC Site

6 Rubber Avenue
Naugatuck, CT
Groundwater Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Units=µg/L	CT DEP SWPC	CT DEP RGVC	CT DEP I/C GWVC	GDC-MW-108 11A0002-04 12/30/2010	GDC-MW-109 10L0811-08 12/29/2010	GDC-MW-110 11A0002-05 12/30/2010	GDC-MW-111 10L0811-06 12/29/2010	GDC-MW-112 11A0002-06 12/30/2010
1,1,1,2-Tetrachloroethane	NS	2	64	<1.0	<0.50	<1.0	<0.50	<10
1,1,1-Trichloroethane	62,000	6,500	16,000	1.3	<1.0	0.88	<1.0	<5.0
1,1,2,2-Tetrachloroethane	110	1.8	54	<0.50	<1.0	<0.50	<1.0	<5.0
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<5.0
1,1,2-Trichloroethane	1,260	220	2,900	<0.50	<0.50	<0.50	<0.50	<5.0
1,1-Dichloroethane	NS	3,000	41,000	<0.50	0.95	<0.50	<0.50	<5.0
1,1-Dichloroethylene	96	190	920	<0.50	<0.50	<0.50	<0.50	<5.0
1,1-Dichloropropene	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<5.0
1,2,3-Trichlorobenzene	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<5.0
1,2,3-Trichloropropane	NS	NS	NS	<0.50	<1.0	<0.50	<1.0	<5.0
1,2,4-Trichlorobenzene	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<5.0
1,2,4-Trimethylbenzene	NS	360	4800	<0.50	<0.50	<0.50	<0.50	<5.0
1,2-Dibromo-3-chloropropane (DBCP)	NS	NS	NS	<1.0	<1.0	<1.0	<1.0	<10
1,2-Dibromoethane (EDB)	NS	0.3	11	<0.50	<1.0	<0.50	<1.0	<5.0
1,2-Dichlorobenzene	170,000	5,100	50,000	<0.50	<0.50	<0.50	<0.50	<5.0
1,2-Dichloroethane	2,970	6.5	68	<0.50	<0.50	<0.50	<0.50	<5.0
1,2-Dichloropropane	NS	7.4	58	<0.50	<0.50	<0.50	<0.50	<5.0
1,3,5-Trimethylbenzene	NS	280	3,900	<0.50	<2.0	<0.50	<2.0	<5.0
1,3-Dichlorobenzene	26,000	4,300	50,000	<0.50	<0.50	<0.50	<0.50	<5.0
1,3-Dichloropropane	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<5.0
1,4-Dichlorobenzene	26,000	1,400	3,400	<0.50	<0.50	<0.50	<0.50	<5.0
2,2-Dichloropropane	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<5.0
2-Butanone (MEK)	NS	50,000	50,000	<5.0	<5.0	<5.0	<5.0	<50
2-Chlorotoluene	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<5.0
2-Hexanone (MBK)	NS	NS	NS	<5.0	<20	<5.0	<20	<50
4-Chlorotoluene	NS	NS	NS	<0.50	<1.0	<0.50	<1.0	<5.0
4-Methyl-2-pentanone (MIBK)	NS	13,000	50,000	<5.0	<10	<5.0	<10	<50
Acetone	NS	50,000	50,000	<5.0	<10	<5.0	<10	<50
Acrylonitrile	20	NS	NS	<2.0	<2.0	<2.0	<2.0	<20
Benzene	710	130	310	<0.50	<0.50	<0.50	<0.50	<5.0
Bromobenzene	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<5.0
Bromodichloromethane	NS	2.3	73	<0.50	<0.50	<0.50	<0.50	<5.0
Bromoform	10,800	75	2,300	<1.0	<1.0	<1.0	<1.0	<10
Bromomethane	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<5.0
Carbon Disulfide	NS	NS	NS	<5.0	<10	<5.0	<10	<50
Carbon Tetrachloride	132	5.3	14	<1.0	<0.50	<1.0	<0.50	<10
Chlorobenzene	420,000	1,800	23,000	<0.50	<0.50	<0.50	<0.50	<5.0
Chlorodibromomethane	1,020	NS	NS	<0.50	<0.50	<0.50	<0.50	<5.0
Chloroethane	NS	12,000	29,000	<0.50	<0.50	<0.50	<0.50	<5.0
Chloroform	14,100	26	62	1.5	<0.50	<0.50	<0.50	<5.0
Chloromethane	NS	390	5,500	<0.50	<1.0	<0.50	<1.0	<5.0
cis-1,2-Dichloroethylene	NS	830	11,000	<0.50	<0.50	<0.50	<0.50	<5.0
cis-1,3-Dichloropropene	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<5.0
Dibromomethane	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<5.0
Dichlorodifluoromethane (Freon 12)	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<5.0
Ethylbenzene	580,000	2,700	36,000	<0.50	<0.50	<0.50	<0.50	12
Hexachlorobutadiene	NS	NS	NS	<0.50	<0.40	<0.50	<0.40	<5.0
Isopropylbenzene (Cumene)	NS	2,800	6,800	<0.50	<1.0	<0.50	<1.0	120
m+p Xylene	NS	See Totals	See Totals	<2.0	<2.0	<2.0	<2.0	37
Methyl tert-Butyl Ether (MTBE)	NS	21,000	50,000	<0.50	<0.50	<0.50	<0.50	<5.0
Methylene Chloride	48,000	160	2,200	<5.0	<5.0	<5.0	<5.0	<50
Naphthalene	NS	NS	NS	<2.0	<2.0	<2.0	<2.0	<20
n-Butylbenzene	NS	1,500	21,000	<1.0	<1.0	<1.0	<1.0	<10
n-Propylbenzene	NS	NS	NS	<1.0	<1.0	<1.0	<1.0	56
o-Xylene	NS	See Totals	See Totals	<1.0	<1.0	<1.0	<1.0	<10
p-Isopropyltoluene (p-Cymene)	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<5.0
sec-Butylbenzene	NS	1,500	20,000	<1.0	<1.0	<1.0	<1.0	<10
Styrene	NS	3,100	42,000	<1.0	<2.0	<1.0	<2.0	<10
tert-Butylbenzene	NS	NS	NS	<1.0	<1.0	<1.0	<1.0	<10
Tetrachloroethylene	88	340	810	<1.0	<1.0	<1.0	<1.0	<10
Tetrahydrofuran	NS	NS	NS	<10	<10	<10	<10	<100
Toluene	4,000,000	7,100	41,000	<1.0	<1.0	<1.0	<1.0	<10
Total Xylenes	NS	8,700	48,000	ND	ND	ND	ND	37
trans-1,2-Dichloroethylene	NS	1,000	13,000	<1.0	<1.0	<1.0	<1.0	<10
trans-1,3-Dichloropropene	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	<5.0
trans-1,4-Dichloro-2-butene	NS	NS	NS	<2.0	<2.0	<2.0	<2.0	<20
Trichloroethylene	2,340	27	67	<1.0	<1.0	<1.0	<1.0	<10
Trichlorofluoromethane (Freon 11)	NS	NS	NS	<2.0	<2.0	<2.0	<2.0	<20
Vinyl Chloride	15,750	1.6	52	<1.0	<1.0	<1.0	<1.0	<10

Table 14
GDC Site
6 Rubber Avenue
Naugatuck, CT
Groundwater Analytical Results
Semi-Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Units=µg/L	CT DEP SWPC	GDC-MW-2 11A0002-03 12/30/2010	GDC-MW-5 10L0811-07 12/29/2010	GDC-MW-101 10L0811-01 12/28/2010	GDC-MW-102 11A0002-01 12/30/2010	GDC-MW-102B 11A0002-02 12/30/2010
2-Methylnaphthalene	**NS**	<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthene	**NS**	<0.30	<0.30	<0.30	<0.30	<0.30
Acenaphthylene	**0.3**	<0.30	<0.30	<0.30	<0.30	<0.30
Anthracene	**1,100,000**	<0.20	<0.20	<0.20	<0.20	<0.20
Benzo(a)anthracene	**0.3**	<0.050	<0.050	<0.050	<0.050	<0.050
Benzo(a)pyrene	**0.3**	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(b)fluoranthene	**0.3**	<0.050	<0.050	<0.050	<0.050	<0.050
Benzo(g,h,i)perylene	**NS**	<0.50	<0.50	<0.50	<0.50	<0.50
Benzo(k)fluoranthene	**0.3**	<0.20	<0.20	<0.20	<0.20	<0.20
Chrysene	**NS**	<0.20	<0.20	<0.20	<0.20	<0.20
Dibenz(a,h)anthracene	**NS**	<0.20	<0.20	<0.20	<0.20	<0.20
Fluoranthene	**3,700**	<0.50	<0.50	<0.50	<0.50	<0.50
Fluorene	**140,000**	<1.0	<1.0	<1.0	<1.0	<1.0
Indeno(1,2,3-cd)pyrene	**NS**	<0.20	<0.20	<0.20	<0.20	<0.20
Naphthalene	**NS**	<1.0	<1.0	<1.0	<1.0	<1.0
Phenanthrene	**0.077**	<0.050	<0.050	<0.050	<0.050	<0.050
Pyrene	**110,000**	<1.0	<1.0	<1.0	<1.0	<1.0

Table 14
GDC Site
6 Rubber Avenue
Naugatuck, CT
Groundwater Analytical Results
Semi-Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Units=µg/L	CT DEP SWPC	GDC-MW-103 10L0811-02 12/28/2010	GDC-MW-104 10L0811-09 12/29/2010	GDC-MW-105 10L0811-03 12/28/2010	GDC-MW-106 10L0811-05 12/29/2010	GDC-MW-107 10L0811-04 12/29/2010
2-Methylnaphthalene	**NS**	<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthene	**NS**	<0.30	<0.30	<0.30	<0.30	<0.30
Acenaphthylene	**0.3**	<0.30	<0.30	<0.30	<0.30	<0.30
Anthracene	**1,100,000**	<0.20	<0.20	<0.20	<0.20	<0.20
Benzo(a)anthracene	**0.3**	<0.050	<0.050	<0.050	<0.050	<0.050
Benzo(a)pyrene	**0.3**	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(b)fluoranthene	**0.3**	<0.050	<0.050	<0.050	<0.050	<0.050
Benzo(g,h,i)perylene	**NS**	<0.50	<0.50	<0.50	<0.50	<0.50
Benzo(k)fluoranthene	**0.3**	<0.20	<0.20	<0.20	<0.20	<0.20
Chrysene	**NS**	<0.20	<0.20	<0.20	<0.20	<0.20
Dibenz(a,h)anthracene	**NS**	<0.20	<0.20	<0.20	<0.20	<0.20
Fluoranthene	**3,700**	<0.50	<0.50	<0.50	<0.50	<0.50
Fluorene	**140,000**	<1.0	<1.0	<1.0	<1.0	<1.0
Indeno(1,2,3-cd)pyrene	**NS**	<0.20	<0.20	<0.20	<0.20	<0.20
Naphthalene	**NS**	<1.0	<1.0	<1.0	<1.0	<1.0
Phenanthrene	**0.077**	<0.050	<0.050	<0.050	<0.050	<0.050
Pyrene	**110,000**	<1.0	<1.0	<1.0	<1.0	<1.0

Table 14
GDC Site
6 Rubber Avenue
Naugatuck, CT
Groundwater Analytical Results
Semi-Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Units=µg/L	CT DEP SWPC	GDC-MW-108 11A0002-04 12/30/2010	GDC-MW-109 10L0811-08 12/29/2010	GDC-MW-110 11A0002-05 12/30/2010	GDC-MW-111 10L0811-06 12/29/2010	GDC-MW-112 11A0002-06 12/30/2010
2-Methylnaphthalene	**NS**	<1.0	<1.0	<1.0	<1.0	<1.0
Acenaphthene	**NS**	<0.30	<0.30	<0.30	<0.30	<0.30
Acenaphthylene	**0.3**	<0.30	<0.30	<0.30	<0.30	<0.30
Anthracene	**1,100,000**	<0.20	<0.20	<0.20	<0.20	<0.20
Benzo(a)anthracene	**0.3**	<0.050	<0.050	<0.050	<0.050	<0.050
Benzo(a)pyrene	**0.3**	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(b)fluoranthene	**0.3**	<0.050	<0.050	<0.050	<0.050	<0.050
Benzo(g,h,i)perylene	**NS**	<0.50	<0.50	<0.50	<0.50	<0.50
Benzo(k)fluoranthene	**0.3**	<0.20	<0.20	<0.20	<0.20	<0.20
Chrysene	**NS**	<0.20	<0.20	<0.20	<0.20	<0.20
Dibenz(a,h)anthracene	**NS**	<0.20	<0.20	<0.20	<0.20	<0.20
Fluoranthene	**3,700**	<0.50	<0.50	<0.50	<0.50	<0.50
Fluorene	**140,000**	<1.0	<1.0	<1.0	<1.0	<1.0
Indeno(1,2,3-cd)pyrene	**NS**	<0.20	<0.20	<0.20	<0.20	<0.20
Naphthalene	**NS**	<1.0	<1.0	<1.0	<1.0	<1.0
Phenanthrene	**0.077**	<0.050	<0.050	<0.050	<0.050	<0.050
Pyrene	**110,000**	<1.0	<1.0	<1.0	<1.0	<1.0

Table 15

GDC Site

6 Rubber Avenue

Naugatuck, CT

Groundwater Analytical Results

Metals

Client ID Lab Sample ID Date Sampled Units=µg/L	CT DEP SWPC	GDC-MW-2 11A0002-03 12/30/2010	GDC-MW-5 10L0811-07 12/29/2010	GDC-MW-101 10L0811-01 12/28/2010	GDC-MW-102 11A0002-01 12/30/2010	GDC-MW-102B 11A0002-02 12/30/2010	GDC-MW-103 10L0811-02 12/28/2010	GDC-MW-104 10L0811-09 12/29/2010	GDC-MW-105 10L0811-03 12/28/2010
Antimony	**86,000**	<5.0	7.3	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Arsenic	**4**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Barium	**NS**	79	110	78	<50	<50	110	<50	84
Beryllium	**4**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Cadmium	**6**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Chromium	**110**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Copper	**48**	<25	<25	<25	<25	<25	<25	<25	<25
Cyanide	**52**	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	**13**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Mercury	**0.4**	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Nickel	**880**	<25	<25	<25	<25	<25	<25	<25	<25
Selenium	**50**	<25	<25	<25	<25	<25	<25	<25	<25
Silver	**12**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Thallium	**63**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vanadium	**NS**	<25	<25	<25	<25	<25	<25	<25	<25
Zinc	**123**	<50	<50	<50	<50	<50	<50	<50	<50

Table 15

GDC Site

6 Rubber Avenue

Naugatuck, CT

Groundwater Analytical Results

Metals

Client ID Lab Sample ID Date Sampled Units=µg/L	CT DEP SWPC	GDC-MW-106 10L0811-05 12/29/2010	GDC-MW-107 10L0811-04 12/29/2010	GDC-MW-108 11A0002-04 12/30/2010	GDC-MW-109 10L0811-08 12/29/2010	GDC-MW-110 11A0002-05 12/30/2010	GDC-MW-111 10L0811-06 12/29/2010	GDC-MW-112 11A0002-06 12/30/2010
Antimony	**86,000**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Arsenic	**4**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Barium	**NS**	110	140	90	120	210	<50	91
Beryllium	**4**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Cadmium	**6**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Chromium	**110**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Copper	**48**	<25	<25	<25	<25	<25	<25	<25
Cyanide	**52**	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	**13**	<5.0	<5.0	<5.0	<5.0	**48**	<5.0	<5.0
Mercury	**0.4**	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Nickel	**880**	<25	<25	<25	<25	<25	<25	<25
Selenium	**50**	<25	<25	<25	<25	<25	<25	<25
Silver	**12**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Thallium	**63**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vanadium	**NS**	<25	<25	<25	<25	<25	<25	<25
Zinc	**123**	<50	<50	<50	<50	**470**	<50	<50

Table 16

GDC Site

6 Rubber Avenue

Naugatuck, CT

Groundwater Analytical Results

Polychlorinated Biphenyls

Client ID Lab Sample ID Date Sampled Units=µg/L	CT DEP SWPC	GDC-MW-2 11A0002-03 12/30/2010	GDC-MW-5 10L0811-07 12/29/2010	GDC-MW-101 10L0811-01 12/28/2010	GDC-MW-102 11A0002-01 12/30/2010	GDC-MW-102B 11A0002-02 12/30/2010	GDC-MW-103 10L0811-02 12/28/2010	GDC-MW-104 10L0811-09 12/29/2010	GDC-MW-105 10L0811-03 12/28/2010
Aroclor-1016	**NS**	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Aroclor-1221	**NS**	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Aroclor-1232	**NS**	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Aroclor-1242	**NS**	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Aroclor-1248	**NS**	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Aroclor-1254	**NS**	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Aroclor-1260	**NS**	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Aroclor-1262	**NS**	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Aroclor-1268	**NS**	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Total PCBs	**NS**	ND	ND	ND	ND	ND	ND	ND	ND

Table 16

GDC Site

6 Rubber Avenue

Naugatuck, CT

Groundwater Analytical Results

Polychlorinated Biphenyls

Client ID Lab Sample ID Date Sampled Units=µg/L	CT DEP SWPC	GDC-MW-106 10L0811-05 12/29/2010	GDC-MW-107 10L0811-04 12/29/2010	GDC-MW-108 11A0002-04 12/30/2010	GDC-MW-109 10L0811-08 12/29/2010	GDC-MW-110 11A0002-05 12/30/2010	GDC-MW-111 10L0811-06 12/29/2010	GDC-MW-112 11A0002-06 12/30/2010
Aroclor-1016	**NS**	<0.20	<0.20	<0.20	<0.24	<0.20	<0.20	<0.20
Aroclor-1221	**NS**	<0.20	<0.20	<0.20	<0.24	<0.20	<0.20	<0.20
Aroclor-1232	**NS**	<0.20	<0.20	<0.20	<0.24	<0.20	<0.20	<0.20
Aroclor-1242	**NS**	<0.20	<0.20	<0.20	<0.24	<0.20	<0.20	<0.20
Aroclor-1248	**NS**	<0.20	<0.20	<0.20	<0.24	<0.20	<0.20	<0.20
Aroclor-1254	**NS**	<0.20	<0.20	<0.20	<0.24	<0.20	<0.20	<0.20
Aroclor-1260	**NS**	<0.20	<0.20	<0.20	<0.24	<0.20	<0.20	<0.20
Aroclor-1262	**NS**	<0.20	<0.20	<0.20	<0.24	<0.20	<0.20	<0.20
Aroclor-1268	**NS**	<0.20	<0.20	<0.20	<0.24	<0.20	<0.20	<0.20
Total PCBs	**NS**	ND	ND	ND	ND	ND	ND	ND

Table 17
GDC Site
6 Rubber Avenue
Naugatuck, CT
Groundwater Analytical Results
ETPH

Client ID Lab Sample ID Date Sampled Units=mg/L	CT DEP SWPC	GDC-MW-2 11A0002-03 1/1/2011	GDC-MW-5 10L0811-07 12/29/2010	GDC-MW-101 10L0811-01 12/28/2010	GDC-MW-102 11A0002-01 12/30/2010	GDC-MW-102B 11A0002-02 12/31/2010	GDC-MW-103 10L0811-02 12/28/2010	GDC-MW-104 10L0811-09 12/29/2010	GDC-MW-105 10L0811-03 12/28/2010
CT ETPH	**NS**	0.082	<0.075	<0.075	<0.075	<0.075	<0.075	<0.075	<0.075

Table 17

GDC Site

6 Rubber Avenue

Naugatuck, CT

Groundwater Analytical Results

ETPH

Client ID Lab Sample ID Date Sampled Units=mg/L	CT DEP SWPC	GDC-MW-106 10L0811-05 12/29/2010	GDC-MW-107 10L0811-04 12/29/2010	GDC-MW-108 11A0002-04 1/2/2011	GDC-MW-109 10L0811-08 12/29/2010	GDC-MW-110 11A0002-05 1/3/2011	GDC-MW-111 10L0811-06 12/29/2010	GDC-MW-112 11A0002-06 1/4/2011
CT ETPH	**NS**	0.14	0.13	0.083	<0.075	0.12	0.15	0.38

Tables 5-16
GDC Site
6 Rubber Avenue
Naugatuck, CT
Analytical Results
Notes

GENERAL

NA : Not analyzed.

NS : No soil cleanup objective listed.

ND : Not detected.

< : The analyte was not detected at the indicated concentration.

ETPH : Extractable total petroleum hydrocarbons.

SPLP : Synthetic precipitation leaching procedure.

Exceedences are highlighted in bold font.

 # : Soil samples collected below seasonal high water table. PMC not applicable.

*** :** SPLP analysis demonstrates compliance with PMC.

200 **:** Shaded values indicate compliance with PMC with 95% UCL calculation.

SOIL

CT DEP GB PMC : Pollutant Mobility Criteria is listed in the State of Connecticut regulation of Department of Environmental Protection, Appendix B to Sections 22a-133k-1 through 22a-133k-3 of the Regulations of Connecticut State Agencies Pollutant Mobility Criteria for Soil.

CT DEP RDEC : Residential Direct Exposure Criteria is listed in the State of Connecticut Regulation of Department of Environmental Protection, Appendix A to Sections 22a-133k-1 through 22a-133k-3.

CT DEP I/C DEC Industrial/Commercial Direct Exposure Criteria is listed in the State of Connecticut Regulation of Department of Environmental Protection, Appendix A to Sections 22a-133k-1 through 22a-133k-3.

mg/kg : milligrams per kilogram = parts per million (ppm)

mg/L : milligrams per liter = ppm

µg/kg : micrograms per kilogram = parts per billion (ppb)

µg/L : micrograms per liter = ppb

GROUNDWATER

CT DEP GWPC : Groundwater Protection Criteria is listed in the State of Connecticut regulation of Department of Environmental Protection, Appendix C to Sections 22a-133k-1 through 22a-133k-3 of the Regulations of Connecticut State Agencies Ground-Water Protection Criteria for GA and GAA Areas.

µg/L : micrograms per liter = parts per billion (ppb)

Table 18
6 Rubber Avenue, Naugatuck, CT
Summary of Areas of Concern

AOC ID	AOC Description	Release Detected	COCs	Contaminant Source / Release Mechanism	Migration Pathway	Investigations Completed
AOC-1	Former Factory Building Demolition Debris/Fill	Yes	Metals, SVOCs, ETPH, PCBs	Building materials and former contents/Demolition backfill placement.	Soil Infiltration.	*Soil* : Phase II and III soil borings and test pits *Groundwater* : Two rounds of sampling overburden wells
AOC-2	Former Canals	Yes	Metals,VOCs, SVOCs, ETPH, PCBs	Industrial discharges and contaminated fill materials/direct and indirect discharges, sediment accumulation, and fill placement.	Along canal beds, through associated piping and breaches in the canal floor and walls.	*Soil* : Phase II and III soil borings and test pits *Groundwater* : Two rounds of sampling overburden wells
AOC-3	Former Manufacturing Related Activities and Uses: machine shops, acid house, maintenance, paint houses, boiler houses, vulcanizing, benzene and napthalene storage	Yes	VOCs, SVOCs, ETPH, Metals, PCBs, Cyanide	Incidental and Direct Oil and Chemical releases/Leakage, spills and direct discharges to the ground surface, seepage through building floors,discharges to subsurface drain systems.	Soil Infiltration or along preferential pathways such as underground utility trenches and drain systems.	*Soil* : Phase II and III borings and test pits *Groundwater* : Two rounds of sampling overburden wells
AOC-4	Former Railroad Tracks	Yes	SVOCs, ETPH, Metals, PCBs	Train related discharges and spills and leaching from creosote soaked ties/spills and leaching.	Soil infiltration and through railroad drains.	*Soil* : Phase II and III soil borings and test pits *Groundwater:* Two rounds of sampling overburden wells
AOC-5	GDC Building Drains and Sumps - boiler room, hydraulic elevators, maintenance areas, loading dock, flood control system	Yes	VOCs, SVOCs, ETPH, Metals, PCBs	Facility equipment and maintenance fluids/wash downs, flood events, direct discharges.	Through breaches in sumps, seals and piping.	*Sediment/Soil* : Drain sediment samples collected, Phase II and III soil borings and test pits *Groundwater:* Two rounds of sampling overburden wells
AOC-6	Loading Dock Levelers - hydraulic oil releases	Yes (on concrete only)	VOCs, SVOCs, ETPH, PCBs	Hydraulic line and seal failure/leakage.	Around above grade equipment and on to concrete floor. Through floor seams or cracks.	*Soil* : Phase II and III soil borings *Groundwater* : Two rounds of sampling overburden wells

Table 18
6 Rubber Avenue, Naugatuck, CT
Summary of Areas of Concern

AOC ID	AOC Description	Release Detected	COCs	Contaminant Source / Release Mechanism	Migration Pathway	Investigations Completed
AOC-7	Hazardous Waste Storage Shed and other miscellaneous oil/chemical storage locations	No	VOCs, PCBs, SVOCs, ETPH, Metals	Oil and Chemical Storage/incidental spills and leakage.	Through storage area floors along preferential pathways.	*Soil* : Phase II and III soil borings *Groundwater* : Two rounds of sampling overburden wells
AOC-8	Off-site sources - bulk petroleum storage, gasoline/service station, manufacturing facilities	Yes	VOCs, PCBs, SVOCs, ETPH, Metals	Underground tanks, aboveground tanks, vehicle servicing and manufacturing wastes/incidental spills, container leakage and direct discharges.	Direct contact with soil and groundwater.	*Soil* : Phase II and III soil borings and test pits *Groundwater* : Two rounds of sampling overburden wells
AOC-9	Northern end of site - former storage area with leaking containers	No	VOCs, SVOCs, ETPH	Plastic container storage/leakage.	Soil infiltration.	*Soil* : Phase II and III soil borings and test pits *Groundwater* : Two rounds of sampling overburden wells
AOC-10	Pump House Area - deep ash fill area	Yes	PCBs, SVOCs, ETPH, Metals	Unknown fill materials including coal ash/direct deposition and industrial discharges.	Direct contact with soil and groundwater.	*Soil* : Phase II and III soil borings and test pits *Groundwater* : Two rounds of sampling overburden wells

Notes: AOC - area of concern
ETPH - extractable total petroleum hydrocarbons
PAHs - polycyclic aromatic hydrocarbons
PCBs - polychlorinated biphenyls
SVOCs - semi-volatile organic compounds
VOCs - volatile organic compounds

Table 19
6 Rubber Avenue, Naugatuck, CT
Conceptual Site Model

AOC ID	AOC Description	Release Detected		COCs	Rationale
		Soil	GW		
AOC-1	Former Factory Building Demolition Debris/Fill.	Yes	Yes	SVOCs, ETPH, Metals, PCBs	*Soil* : ETPH, Metals, SVOCs, and PCBs detected in building demolition debris. *Groundwater* : ETPH and some metals detected.
AOC-2	Former Canals.	Yes	Yes	VOCs, SVOCs, ETPH, Metals, PCBs	*Soil* : ETPH, SVOCs, Metals and PCBs detected in canal backfill material. *Groundwater* : VOCs, ETPH and some metals detected.
AOC-3	Former Manufacturing Related Activities and Uses: machine shops, paint houses, boiler houses, vulcanizing, benzene & napthathene storage.	Yes	Yes	VOCs, SVOCs, ETPH, Metals, PCBs, Cyanide	*Soil* : ETPH, SVOCs, Metals and PCBs detected in various areas intermixed with various fill materials. *Groundwater* : VOCs, ETPH and some metals detected. Petroleum related detections in area of former benzene/naphthalene storage.
AOC-4	Former Railroad Tracks.	Yes	No	SVOCs, ETPH, Metals, PCBs	*Soil* : ETPH, SVOCs, and Metals detected. *Groundwater* : Groundwater detections not likely related to shallow railroad bed soils.
AOC-5	GDC Building Drains and Sumps - boiler room, hydraulic elevators, maintenance areas, loading dock, flood control system	Yes	No	VOCs, SVOCs, ETPH, Metals, PCBs	*Sediment* : ETPH, SVOCs, PCBs and Metals detected. *Groundwater* : Groundwater detections not likely related to sump/drain sediment contamination.
AOC-6	Loading Dock Levelers - hydraulic oil releases.	No	No	VOCs, SVOCs, ETPH, PCBs	*Soil* : No COCs detected. Concrete floor stained with hydraulic fluid. *Groundwater* : Groundwater detections not likely related to hydraulic lift releases.

Table 19
6 Rubber Avenue, Naugatuck, CT
Conceptual Site Model

AOC ID	AOC Description	Release Detected		COCs	Rationale
		Soil	GW		
AOC-7	Hazardous Waste Storage Shed and other miscellaneous oil/chemical storage locations.	Yes	No	VOCs, SVOCs, Metals, ETPH, PCBs	*Soil* : Very low concentrations of Lead and ETPH near Hazardous Waste Storage Shed; likely fill related. *Groundwater* : Groundwater detections not likely related to releases in storage areas.
AOC-8	Off-site sources - bulk petroleum storage, gasoline/service station, manufacturing facilities.	Yes	No	VOCs, SVOCs, Metals, ETPH, PCBs	*Soil* : No apparent off-site source-related releases. *Groundwater* : Low level VOC detections potentially from off-site sources located north and west of the site.
AOC-9	Northern end of site - former storage area with leaking containers.	No	No	VOCs, SVOCs, ETPH	*Soil* : No shallow soil contamination apparently associated with former storage area releases. *Groundwater* : Groundwater detections not likely related to recent surface storage/leakage.
AOC-10	Pump House Area - deep ash fill area.	Yes	Yes	Metals, SVOCs, ETPH, PCBs	*Soil* : ETPH, SVOCs, PCBs and Metals detected. *Groundwater* : Groundwater detections including Lead and Zinc exceedances likely related to deep ash deposition.

Notes: AOC - area of concern
ETPH - extractable total petroleum hydrocarbons
PAHs - polycyclic aromatic hydrocarbons
PCBs - polychlorinated biphenyls
SVOCs - semi-volatile organic compounds
VOCs - volatile organic compounds

Table 20
6 Rubber Avenue, Naugatuck, CT
Revised Conceptual Site Model

AOC Description	3-D Extent Defined		COCs	Rationale	Remediation
	Soil	GW			
Former Factory Building Demoltion Debris/Fill.	Yes	No	SVOCs, ETPH, Metals. PCBs	Building demolition debris extends across most of Parcel B to a depth of approximately 8 feet and contains SVOCs, ETPH, Metals and PCBs in excess of the PMC and DEC. This material is assumed to be unsuitable for use as construction fill without processing.	Proposed remediation consists of the removal and disposal of debris to the depth of native soils and/or processing the materials for on-site reuse and off-site disposal and/or constructing building and engineering controls over the areas.
Former Canals.	Yes	No	VOCs, SVOCs, Metals, ETPH, PCBs	Contaminated fill materials are present within the former canal areas and contain SVOCs, ETPH, Metals, and PCBs in excess of the PMC and DEC. This material is assumed to be unsuitable for use as construction fill without processing.	Proposed remediation consists of the removal of debris to the depth of native soils and/or processing the materials for on-site reuse and off-site disposal and/or constructing building and engineering controls over the areas.
Former manufacturing-related activities and uses: machine shops, acid house, maintenance and utilities, paint house, boiler houses, vulcanizing areas, benzene/naphthalene storage.	Yes	No	VOCs, SVOCs, ETPH, Metals, PCBs	Contamination associated with these former site facilities are comingled with the fill materials described above except for a discrete petroleum release in the forrmer benzene/naphthalene storage area where contaminants were detected below CTDEP criteria.	Proposed remediation of these areas will be completed as described above in the building and canal debris/fill areas or are not required.
Former Railroad Tracks.	Yes	No	SVOCs, Metals, ETPH, PCBs	Areas of shallow (less than 4 feet) SVOC and ETPH-contaminated soil exceeding the DEC have been detected in former railbed material west of the GDC building and along the west side of the northern end of the site.	Proposed remediation of the railbed contamination consists of removal and disposal and/or rendering the materials inaccessible through placement of buildings over the contaminated materials.
GDC Building Drains and Sumps - boiler room, hydraulic elevators, maintenance areas, loading dock, flood control system.	Yes	No	VOCs, SVOCs, Metals, ETPH, PCBs	Contaminated sediment present in sumps and drains.	Sediment within sump, drains and associated piping should be removed during any building renovations.

Table 20
6 Rubber Avenue, Naugatuck, CT
Revised Conceptual Site Model

AOC Description	3-D Extent Defined		COCs	Rationale	Remediation
	Soil	GW			
Loading Dock Levelers - hydraulic oil releases.	Yes	No	VOCs, SVOCs, ETPH, PCBs	No associated releases detected.	No soil remediation required. Oil-stained concrete present around the base of several levelers should be removed during renovations.
Hazardous waste storage shed and other miscellaneous storage locations.	Yes	No	VOCs, SVOCs, ETPH	Limited detections noted below numeric criteria.	No remediation required. Further investigation per RCRA closure requirements needed for former hazardous waste storage shed.
Off-site sources - bulk petroleum storage, gasoline/service station, manufacturing facilities.	N/A	No	VOCs, SVOCs, Metals, ETPH, PCBs	Potential off-site source contamination detected in groundwater at concentrations below criteria.	No remediation required.
Northern end of site - former storage area with leaking containers.	N/A	No	VOCs, SVOCs, ETPH	No associated releases detected.	No remediation required.
Pump house - deep ash fill area.	Yes	No	SVOCs, Metals, ETPH, PCBs	Area of deep PCB impact requiring remediation and deep and shallow RDEC exceedances for Lead, Arsenic and ETPH. PMC exceedances for Lead and SVOCs. Metals exceedances in groundwater.	Proposed remediation consists of the excavation and disposal of PCB-contaminated fill, and the excavation and disposal of remaining contaminated fill from this area and/or the installation of an engineered control.

Notes: AOC - area of concern
DEC - direct exposure critera
ETPH - extractable total petroleum hydrocarbons
GDC - General DataComm
N/A - not applicable
PAHs - polycyclic aromatic hydrocarbons
PCBs - polychlorinated biphenyls
PMC - pollutant mobility crieria
RCRA - resource conservation and recovery act
SVOCs - semi-volatile organic compounds
VOCs - volatile organic compounds

Table 21
Remediation Cost Estimate
Parcel A- Excavate & Dispose Railroad Bed Materials
6 Rubber Avenue
Naugatuck, CT

ITEM DESCRIPTION	QUANTITY	UNITS	UNIT COST	EXTENDED COST
Mobilization & Demobilization	1	L.S.	$ 10,000.00	$ 10,000
Erosion and Dust Control/Air Monitoring	1	L.S.	$ 5,000.00	$ 5,000
Railbed Material Excavation (580 ft x 45 ft x 3 ft)	4,350	Tons	$ 12.00	$ 52,200
Material Screening	4,350	Tons	$ 6.00	$ 26,100
Soil Disposal	4,000	Tons	$ 50.00	$ 200,000
Debris Disposal	350	Tons	$ 85.00	$ 29,750
Backfill	4,350	Tons	$ 20.00	$ 87,000
			Subtotal:	$ 410,050
			20 % Contingency (Includes Cost Contingency and Engineering Fees):	$ 82,010
			Total:	$ 492,060
			Rounded:	$ 500,000
Compliance Groundwater Monitoring (4 Quarters)	4	L.S.	$ 4,500.00	$ 18,000.00
Semiannual Groundwater Monitoring	2	L.S.	$ 4,500.00	$ 9,000.00

Notes: L.S.=lump sum

This estimate was prepared exclusively for the Borough of Naugatuck, CT and the USEPA. The engineer's opinions of probable remediation costs represent the engineer's best judgement as a professional generally familiar with the remediation industry. Because the engineer has no control over the cost of labor, material, equipment, or services provided by others, or over competitive bidding or market conditions, the engineer cannot and does not guarantee that the actual remediation cost will not vary from this estimate. The estimate is also based on our professional opinion regarding the quanity of contaminated soil, which can only be fully known upon excavation and final confirmation sampling and analysis.

Table 22
Remediation Cost Estimate
Parcel B- PCB TSCA Soil Remediation
6 Rubber Avenue
Naugatuck, CT

ITEM DESCRIPTION	QUANTITY	UNITS	UNIT COST	EXTENDED COST
TSCA Site Characterization	1	L.S.	$ 30,000.00	$30,000
Mobilization & Demobilization	1	L.S.	$ 5,000.00	$ 5,000
Erosion and Dust Control	1	L.S.	$ 2,000.00	$ 2,000
Soil and Debris Excavation	1,400	Tons	$ 12.00	$ 16,800
Soil/Debris Disposal	1,400	Tons	$ 200.00	$ 280,000
Backfill	1,400	Tons	$ 20.00	$ 28,000
			Subtotal:	$ 361,800
			20 % Contingency (Includes Cost Contingency and Engineering Fees):	$ 72,360
			Total:	$ 434,160
			Rounded:	$ 435,000

Notes: L.S.=lump sum

Groundwater monitoring included with Parcel B alternatives

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Table 23
Remediation Cost Estimate
Parcel B- Excavate & Dispose Contaminated Soil & Debris
6 Rubber Avenue
Naugatuck, CT

ITEM DESCRIPTION	QUANTITY	UNITS	UNIT COST	EXTENDED COST
Remediation				
Mobilization & Demobilization	1	L.S.	$ 50,000.00	$ 50,000
Erosion and Dust Control/Air Monitoring	1	L.S.	$ 25,000.00	$ 25,000
Soil and Debris Excavation	171,000	Tons	$ 12.00	$ 2,052,000
Material Screening	171,000	Tons	$ 6.00	$ 1,026,000
Soil Disposal	153,900	Tons	$ 50.00	$ 7,695,000
Debris Disposal	17,100	Tons	$ 85.00	$ 1,453,500
Backfill	171,100	Tons	$ 20.00	$ 3,422,000
ELUR	1	L.S.	$ 20,000.00	$ 20,000
			Subtotal:	$ 15,743,500
			20 % Contingency (Includes Cost Contingency and Engineering Fees):	$ 3,148,700
			Total:	$ 18,892,200
			Rounded:	$ 19,000,000
Compliance Groundwater Monitoring (4 quarters)	4	L.S.	$ 12,500.00	$ 50,000
Semi-annual Groundwater Monitoring	2	L.S.	$ 12,500.00	$ 25,000

Notes: L.S.=lump sum

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Table 24
Remediation Cost Estimate
Parcel B- Excavate & Dispose Contaminated Soil & Debris Below Building
Install Engineered Control Remaining Areas
6 Rubber Avenue
Naugatuck, CT

ITEM DESCRIPTION	QUANTITY	UNITS	UNIT COST	EXTENDED COST
Below Building				
Mobilization & Demobilization	1	L.S.	$ 50,000.00	$ 50,000
Erosion and Dust Control/Monitoring	1	L.S.	$ 25,000.00	$ 25,000
Soil and Debris Excavation	31,100	Tons	$ 12.00	$ 373,200
Material Screening	31,100	Tons	$ 6.00	$ 186,600
Soil Disposal	27,900	Tons	$ 50.00	$ 1,395,000
Debris Disposal	3,100	Tons	$ 85.00	$ 263,500
Backfill	31,100	Tons	$ 20.00	$ 622,000
Excess Fill Disposal (utilities)	500	Tons	$ 60.00	$ 30,000
Engineered Control				
Soil Excavation (2 feet)	35,000	Tons	$ 12.00	$ 420,000
Soil Disposal	35,000	Tons	$ 50.00	$ 1,750,000
40 mil Liner	315,000	S.F.	$ 4.00	$ 1,260,000
Backfill (1.5 feet)	17,500	Tons	$ 20.00	$ 350,000
ELUR	1	L.S.	$ 20,000.00	$ 20,000
			Subtotal:	$ 6,745,300
			20 % Contingency (Includes Cost Contingency and Engineering Fees):	$ 1,349,060
			Total:	$ 8,094,360
			Rounded:	$ 8,100,000
Compliance Groundwater Monitoring (4 quarters)	4	L.S.	$ 12,500.00	$ 50,000
Semiannual Groundwater Monitoring	2	L.S.	$ 12,500.00	$ 25,000

Notes: L.S.=lump sum
S.F.=square foot

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APPENDIX A
PREVIOUS SOIL AND GROUNDWATER DATA TABLES

TABLE 1
SUMMARY OF DETECTED COMPOUNDS IN SOIL
6 RUBBER AVENUE
NAUGATUCK, CONNECTICUT

Location	TP-1	TP-2	TP-3	TP-4	TP-5	TP-6	TP-7	TP-8	TP-9	TP-10
Parameter										
Polynuclear Aromatics (mg/kg)										
Acenapthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.31
Anthracene	ND	ND	ND	3.5	3.6	ND	ND	ND	0.33	0.81
Benzo[a]anthracene	ND	ND	ND	13.0	12.0	1.2	1.0	0.4	1.6	1.6
Benzo[a]pyrene	ND	ND	ND	15.0	13.0	1.2	1.3	0.44	1.7	1.8
Benzo[b]fluoranthene	ND	ND	0.22	20.0	16.0	1.5	1.8	0.66	2.2	2.2
Benzo[g,h,i]perylene	ND	ND	ND	5.8	3.6	ND	ND	0.22	0.5	0.51
Benzo[k]fluoranthene	ND	ND	ND	7.7	6.2	ND	ND	0.28	0.89	0.88
Chrysene	ND	ND	ND	11.0	11.0	ND	ND	0.4	1.2	1.4
Dibenz[a,h]anthracene	ND	ND	ND	1.7	1.3	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	26.0	32.0	1.5	1.8	0.76	3.3	4.3
Flourene	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.31
Indeno[1,2,3-cd]pyrene	ND	ND	ND	6.9	4.7	ND	ND	0.26	0.6	0.67
Phenanthrene	ND	ND	0.22	12.0	17.0	ND	1.0	0.39	1.4	4.0
Pyrene	ND	ND	ND	21.0	30.0	1.2	1.3	0.58	2.8	3.3
CTETPH (mg/kg)	ND	ND	ND	1100	540	ND	ND	58	510	100

RDEC RBSAM
1000 84
1000 400
1 7.8 1
1 1
1 1
1000 42
8.4 1
84 1
1 1 1
1000 56
1000 56
1 1
5.1 1
1000 40

Notes:

mg/kg – milligrams per kilogram
TP-1 – Test pit soil sample
CTETPH – Connecticut Extractable Total Petroleum Hydrocarbons
ND – Not Detected
NS – No Standard

Table 1
Soil Quality Analytical Data
Volatile Organic Compounds - EPA Method 8260

Analytical Parameter	Residential Direct Exposure Criteria	Industrial/ Commercial Criteria	B-3 0-4 ft.	B-5 0-4 ft.	B-7 0-4 ft.	B-12 0-4 ft.
Benzene	21	200	ND	ND	ND	ND
Bromobenzene	NL	NL	ND	ND	ND	ND
Bromochloromethane	NL	NL	ND	ND	ND	ND
Bromodichloromethane	NL	NL	ND	ND	ND	ND
Bromoform	78	720	ND	ND	ND	ND
Bromomethane	NL	NL	ND	ND	ND	ND
n-Butylbenzene	NL	NL	ND	ND	ND	ND
sec-Butylbenzene	NL	NL	ND	ND	ND	ND
tert-Butylbenzene	NL	NL	ND	ND	ND	ND
Carbon Tetrachloride	4.7	44	ND	ND	ND	ND
Chlorobenzene	500	1,000	ND	ND	ND	ND
Chlorodibromomethane	NL	NL	ND	ND	ND	ND
Chloroethane	NL	NL	ND	ND	ND	ND
Chloroform	100	940	ND	ND	ND	ND
Chloromethane	NL	NL	ND	ND	ND	ND
2-Chlorotoluene	NL	NL	ND	ND	ND	ND
4-Chlorotoluene	NL	NL	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	NL	NL	ND	ND	ND	ND
1,2-Dibromoethane	NL	NL	ND	ND	ND	ND
Dibromomethane	NL	NL	ND	ND	ND	ND
1,2-Dichlorobenzene	500	1,000	ND	ND	ND	ND
1,3-Dichlorobenzene	500	1,000	ND	ND	ND	ND
1,4-Dichlorobenzene	26	240	ND	ND	ND	ND
Dichlorodifluoromethane	NL	NL	ND	ND	ND	ND
1,1-Dichloroethane	500	1,000	ND	ND	ND	ND

Table 1
Soil Quality Analytical Data
Volatile Organic Compounds - EPA Method 8260

Analytical Parameter	Residential Direct Exposure Criteria	Industrial/ Commercial Criteria	B-3 0-4 ft.	B-5 0-4 ft.	B-7 0-4 ft.	B-12 0-4 ft.
1,2-Dichloroethane	6.7	63	ND	ND	ND	ND
1,1-Dichloroethene	1	9.5	ND	ND	ND	ND
cis-1,2-Dichloroethene	500	1,000	ND	ND	ND	ND
trans-1,2-Dichloroethene	500	1,000	ND	ND	ND	ND
1,2-Dichloropropane	9	84	ND	ND	ND	ND
1,3-Dichloropropane	NL	NL	ND	ND	ND	ND
2,2-Dichloropropane	NL	NL	ND	ND	ND	ND
1,1-Dichloropropene	NL	NL	ND	ND	ND	ND
Ethylbenzene	500	1,000	ND	ND	ND	ND
Hexachlorobutadiene	NL	NL	ND	ND	ND	ND
Isopropylbenzene	NL	NL	ND	ND	ND	ND
p-Isopropyltoluene	NL	NL	ND	ND	ND	ND
Methylene Chloride	82	760	ND	ND	ND	ND
Naphthalene	NL	NL	ND	ND	ND	ND
n-Propylbenzene	NL	NL	ND	ND	ND	ND
Styrene	500	1,000	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	24	220	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	3.1	29	ND	ND	ND	ND
Tetrachloroethene	NL	NL	ND	ND	ND	ND
Toluene	500	1,000	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NL	NL	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NL	NL	ND	ND	ND	ND
1,1,1-Trichloroethane	500	1,000	ND	ND	ND	ND
1,1,2-Trichloroethane	11	100	ND	ND	ND	ND
Trichloroethene	56	520	ND	ND	ND	ND

Table 1
Soil Quality Analytical Data
Volatile Organic Compounds - EPA Method 8260

Analytical Parameter	Residential Direct Exposure Criteria	Industrial/ Commercial Criteria	B-3 0-4 ft.	B-5 0-4 ft.	B-7 0-4 ft.	B-12 0-4 ft.
Trichlorofluoromethane	NL	NL	ND	ND	ND	ND
1,2,3-Trichloropropane	NL	NL	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NL	NL	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NL	NL	ND	ND	ND	ND
Vinyl Chloride	0.32	3	ND	ND	ND	ND
Acetone	500	1,000	ND	ND	ND	ND
Carbon Disulfide	NL	NL	ND	ND	ND	ND
2-Butanone (MEK)	500	1,000	ND	ND	ND	ND
Vinyl Acetate	NL	NL	ND	ND	ND	ND
2-Hexanone	NL	NL	ND	ND	ND	ND
p & m-Xylene	NL	NL	ND	ND	ND	ND
o-Xylene	NL	NL	ND	ND	ND	ND

Notes:
1. All laboratory results are in ug/Kg (parts per billion - ppb).
2. Soil Criteria are listed in the Connecticut Department of Environmental Protection (CT DEP) Remediation Standard Regulations, Sections 22a-133k-1 through 22a-133k-3. Criteria are in parts per million (ppm).
3. NL = No Criteria listed by the CT DEP.
4. ND = Non-detectable above respective laboratory analytical method detection limit.

Table 2
Soil Quality Analytical Data
Semi-Volatile Organic Compounds - EPA Method 8270

Analytical Parameter	Residential Direct Exposure Criteria	Industrial/ Commercial Criteria	B-3 0-4 ft.	B-5 0-4 ft.	B-7 0-4 ft.	B-12 0-4 ft.
Bis(2-Chloroethyl)Ether	1	5.2	ND	ND	ND	ND
Phenol	1,000	2,500	ND	ND	ND	ND
2-Chlorophenol	340	2,500	ND	ND	ND	ND
1,3-Dichlorobenzene	NL	NL	ND	ND	ND	ND
1,4-Dichlorobenzene	NL	NL	ND	ND	ND	ND
1,2-Dichlorobenzene	NL	NL	ND	ND	ND	ND
Bis(2-Chloroisopropyl)Ether	8.8	82	ND	ND	ND	ND
2-Methylphenol	NL	NL	ND	ND	ND	ND
Hexachloroethane	44	410	ND	ND	ND	ND
N-Nitorsodi-n-Propyl Amine	NL	NL	ND	ND	ND	ND
4-Methylphenol	NL	NL	ND	ND	ND	ND
Nitrobenzene	NL	NL	ND	ND	ND	ND
Isophorone	NL	NL	ND	ND	ND	ND
2-Nitrophenol	NL	NL	ND	ND	ND	ND
2,4-Dimethylphenol	200	2,500	ND	ND	ND	ND
Bis(2-Chloroethoxy)Methane	NL	NL	ND	ND	ND	ND
2,4-dichlorophenol	200	2,500	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NL	NL	ND	ND	ND	ND
Naphthalene	1,000	2,500	ND	.096	ND	ND
4-Chloroaniline	NL	NL	ND	ND	ND	ND
Hexachlorobutadiene	NL	NL	ND	ND	ND	ND
4-Chloro-3-Methylphenol	NL	NL	ND	ND	ND	ND
2-Methylnaphthalene	NL	NL	ND	ND	ND	ND
Hexachlorocycleopentadiene	NL	NL	ND	ND	ND	ND

Table 2
Soil Quality Analytical Data
Semi-Volatile Organic Compounds - EPA Method 8270

Analytical Parameter	Residential Direct Exposure Criteria	Industrial/ Commercial Criteria	B-3 0-4 ft.	B-5 0-4 ft.	B-7 0-4 ft.	B-12 0-4 ft.
2,4,6-Trichlorophenol	NL	NL	ND	ND	ND	ND
2,4,5-Trichlorophenol	NL	NL	ND	ND	ND	ND
2-Chloronaphthalene	NL	NL	ND	ND	ND	ND
2-Nitroaniline	NL	NL	ND	ND	ND	ND
Acenaphthylene	1,000	2,500	ND	ND	ND	ND
Dimethylphthalate	NL	NL	ND	ND	ND	ND
2,6-Dinitrotoluene	NL	NL	ND	ND	ND	ND
Acenaphthene	NL	NL	ND	ND	ND	ND
3-Nitroaniline	NL	NL	ND	ND	ND	ND
2,4-Dinitrophenol	NL	NL	ND	ND	ND	ND
Dibenxofuran	NL	NL	ND	ND	ND	ND
2,4-Dinitrotoluene	NL	NL	ND	ND	ND	ND
4-Nitrophenol	NL	NL	ND	ND	ND	ND
Fluorene	1000	2,500	ND	ND	ND	ND
4-Chlorophenyl Phenyl Ether	NL	NL	ND	ND	ND	ND
Diethylphthalate	NL	NL	ND	ND	ND	ND
4-Nitroaniline	NL	NL	ND	ND	ND	ND
4,6-Dinitro-2-Methylphenol	NL	NL	ND	ND	ND	ND
N-Nitrosodiphenylamine	NL	NL	ND	ND	ND	ND
4-Bromophenyl-Phenyl Ether	NL	NL	ND	ND	ND	ND
Hexachlorobenzene	1	3.6	ND	ND	ND	ND
Pentachlorphenol	5.1	48	ND	ND	ND	ND
Phenanthrene	1,000	2,500	ND	.046	ND	ND
Anthracene	1,000	2,500	ND	ND	ND	ND

Table 2
Soil Quality Analytical Data
Semi-Volatile Organic Compounds - EPA Method 8270

Analytical Parameter	Residential Direct Exposure Criteria	Industrial/ Commercial Criteria	B-3 0-4 ft.	B-5 0-4 ft.	B-7 0-4 ft.	B-12 0-4 ft.
Di-n-Butylphthalate	1,000	2,500	ND	ND	ND	ND
Fluoranthene	NL	NL	.570	.172	ND	ND
Pyrene	1,000	2,500	.573	.197	ND	ND
Butylbenzylphthalate	1,000	2,500	ND	ND	ND	ND
3,3-Dichlorobenzidine	NL	NL	ND	ND	ND	ND
Benzo-a-Anthracene	1	7.8	.324	.180	ND	ND
Chrysene	NL	NL	.422	.188	ND	ND
Bis(2-Ethylexyl)Phtalate	44	410	ND	.838	.203	ND
Di-n-Octylphthalate	1,000	2,500	ND	ND	ND	ND
Benzo-b-Fluoroanthene	1	7.8	.313	.208	ND	ND
Benzo-k-Fluoroanthene	8.4	78	.372	.280	ND	ND
Benzo-a-Pyrene	1	1	.374	.291	ND	ND
Indeno-(1,2,3-c,d)Pyrene	NL	NL	ND	.204	ND	ND
Dibenzo-a,h-Anthracene	NL	NL	ND	.048	ND	ND
Benzo-g,h,i-Perylene	NL	NL	ND	.182	ND	ND

Notes:
1. All laboratory results are in ug/Kg (parts per billion - ppb).
2. Soil Criteria are listed in the Connecticut Department of Environmental Protection (CT DEP) Remediation Standard Regulations, Sections 22a-133k-1 through 22a-133k-3. Criteria are in parts per million (ppm).
3. NL = No Criteria listed by the CT DEP.
4. ND = Non-detectable above respective laboratory analytical method detection limit.

Table 3
Soil Analytical Data
Polychlorinated Biphenyls (PCBs) - EPA Method 8080

Analytical Parameter	Residential Direct Exposure Criteria	Industrial/ Commercial Criteria	B-3 0-4 ft.	B-5 0-4 ft.	B-7 0-4 ft.	B-12 0-4 ft.
Arochlor-1016	1	10	ND	ND	ND	ND
Arochlor-1221	1	10	ND	ND	ND	ND
Arochlor-1232	1	10	ND	ND	ND	ND
Arochlor-1242	1	10	ND	ND	ND	ND
Arochlor-1248	1	10	ND	ND	ND	ND
Arochlor-1245	1	10	ND	ND	ND	ND
Arochlor-1260	1	10	ND	ND	ND	ND

Notes:
1. All laboratory results are in mg/Kg (parts per million - ppm).
2. Soil Criteria are listed in the Connecticut Department of Environmental Protection (CT DEP) Remediation Standard Regulations, Sections 22a-133k-1 through 22a-133k-3. Criteria are in parts per million (ppm).
3. NL = No Criteria listed by the CT DEP.
4. ND = Non-detectable above respective laboratory analytical method detection limit.

Table 4
Soil Analytical Data
Eight (8) RCRA Metals - SW-846 Method 6010

Analytical Parameter	Residential Direct Exposure Criteria	Industrial/ Commercial Criteria	B-3 0-4 ft.	B-5 0-4 ft.	B-7 0-4 ft.	B-12 0-4 ft.
Silver, Ag	340	10,000	<1.65	<1.65	<1.65	<1.65
Barium, Ba	4,700	14,000	39.7	116	26.2	24.5
Cadmium, Cd	34	1,000	<1.65	<1.65	<1.65	<1.65
Selenium, Se	340	10,000	<1.65	<1.65	<1.65	<1.65
Lead, Pb	500	1,000	12.9	155	6.82	16.3
Mercury, Hg	20	610	0.05	0.89	0.05	0.03
Arsenic, As	10	10	<6.60	<6.60	6.64	**11.4**
Chromium, Cr	100	100	6.24	6.08	5.81	8.70

Notes: 1. All laboratory results are in mg/Kg (parts per million - ppm).

2. Soil Criteria are listed in the Connecticut Department of Environmental Protection (CT DEP) Remediation Standard Regulations, Sections 22a-133k-1 through 22a-133k-3. Criteria are in parts per million (ppm).

Table 5
Soil Analytical Data
Total Petroleum Hydrocarbons (TPH) - EPA Method 8015

Sample Location	Residential Direct Exposure Criteria	Industrial/Commercial Criteria	TPH
B-3	500	2,500	115
B-5	500	2,500	<10
B-7	500	2,500	<10
B-12	500	2,500	<10

Note: 1. All results are in mg/Kg (parts per million - ppm).

Table 6
Groundwater Analytical Data
Volatile Organic Compounds - EPA Method 624

Analytical Parameter	Water Quality Criteria for Organisms Only	Water Quality Criteria for Water & Organisms	B-10	B-11	B-12
MTBE	NL	NL	ND	ND	ND
Benzene	71	1.2	ND	ND	ND
Bromodichloromethane	NL	NL	ND	ND	ND
Bromoform	360	4.3	ND	ND	ND
Bromomethane	NL	NL	ND	ND	ND
Carbon Tetrachloride	4.4	.25	ND	ND	ND
Chlorobenzene	21,000	680	ND	ND	ND
Chloroethane	NL	NL	ND	ND	ND
2-Chloroethylvinyl Ether	NL	NL	ND	ND	ND
Chloroform	470	5.7	ND	ND	ND
Chloromethane	NL	NL	ND	ND	ND
Dibromochloromethane	22	.27	ND	ND	ND
1,2-Dichlorobenzene	17,000	2,700	ND	ND	ND
1,3-Dichlorobenzene	2,600	400	ND	ND	ND
1,4-Dichlorobenzene	2,600	400	ND	ND	ND
1,1-Dichloroethane	NL	NL	ND	ND	ND
1,2-Dichloroethane	99	.38	ND	ND	ND
1,1-Dichloroethylene	3.2	0.057	ND	ND	ND
trans-1,2-Dichloroethylene	NL	NL	ND	ND	ND
1,2-Dichloropropane	39	0.52	ND	ND	ND
cis-1,3-Dichloropropene	NL	NL	ND	ND	ND
trans-1,3-Dichloropropene	NL	NL	ND	ND	ND
Ethyl Benzene	29,000	3,100	ND	ND	ND
Methylene Chloride	470	5.7	ND	ND	ND
1,1,2,2,-Tetrachloroethane	NL	NL	ND	ND	ND

Table 6
Groundwater Analytical Data
Volatile Organic Compounds - EPA Method 624

Analytical Parameter	Water Quality Criteria for Organisms Only	Water Quality Criteria for Water & Organisms	B-10	B-11	B-12
Tetrachloroethene	NL	NL	ND	ND	ND
Toluene	200,000	6,800	ND	ND	ND
1,1,1-Trichloroethane	NL	NL	ND	ND	ND
1,1,2-Trichloroethane	NL	NL	ND	ND	ND
Trichloroethene	NL	NL	ND	ND	ND
Trichlorofluoromethane	NL	NL	ND	ND	ND
Vinyl Chloride	NL	NL	ND	ND	ND
p & m -Xylenes	NL	NL	ND	ND	ND
0-Xylene	NL	NL	ND	ND	ND

Notes:
1. All results are in ug/L (parts per billion - ppb).
2. Groundwater Criteria are listed in the Connecticut Department of Environmental Protection (CT DEP) Water Quality Standards.
3. NL = No Criteria listed by the CT DEP.
4. ND = Non-detectable above respective laboratory analytical method detection limit.

Table 7
Groundwater Analytical Data
Semi-Volatile Organic Compounds (SVOC) - EPA Method 625

Analytical Parameter	Water Quality Criteria for Organisms Only	Water Quality Criteria for Water & Organisms	B-10	B-11	B-12
Acenaphthylene	0.31	.0028	ND	ND	ND
Bis(2-Chloroethyl)Ether	1.4	.031	ND	ND	ND
1,3-dichlorobenzene	2,600	400	ND	ND	ND
1,4-Dichlorobenzene	2,600	400	ND	ND	ND
1,2-Dichlorobenzene	17,000	2,700	ND	ND	ND
Bis(2-Chloroisopropyl)Ether	170,000	1,400	ND	ND	ND
Bis(2-Chloroethoxy)Methane	NL	NL	ND	ND	ND
o-Cresol	NL	NL	ND	ND	ND
m,p, Cresol	NL	NL	ND	ND	ND
Fluorene	14,000	1,300	ND	ND	ND
N-Nitroso-di-n-Propyl Amine	1.4	0.005	ND	ND	ND
Hexachloroethane	8.9	1.9	ND	ND	ND
Nitrobenzene	1,900	17	ND	ND	ND
Isophorone	600	8.4	ND	ND	ND
1,2,4-Trichlorobenzene	NL	NL	ND	ND	ND
Naphthalene	NL	NL	ND	ND	ND
Hexachlorobutadiene	50	.44	ND	ND	ND
2-Chloronaphthalene	4,300	1,700	ND	ND	ND
Dimethylphtalate	2,900,000	313,000	ND	ND	ND
Acenaphthylene	.031	.0028	ND	ND	ND
2,6-Dinitrotoluene	NL	NL	ND	ND	ND
2,4-Dintrotoluene	9.1	.11	ND	ND	ND
Diethylphthalate	120,000	23,000	ND	ND	ND
4-Chlorophenyl Ether	NL	NL	ND	ND	ND
4-Bromophenyl Ether	NL	NL	ND	ND	ND

Table 7
Groundwater Analytical Data
Semi-Volatile Organic Compounds (SVOC) - EPA Method 625

Analytical Parameter	Water Quality Criteria for Organisms Only	Water Quality Criteria for Water & Organisms	B-10	B-11	B-12
Hexachlorobenzene	.00077	.00075	ND	ND	ND
Phenanthrene	.031	.0028	ND	ND	ND
Anthracene	NL	NL	ND	ND	ND
Di-n-Butylphthalate	12,000	2,700	ND	ND	ND
Fluoranthene	370	300	ND	ND	ND
Pyrene	11,000	960	ND	ND	ND
Butylbenzylphthalate	5,200	3,000	ND	ND	ND
Benzo-a-Anthracene	.031	.0028	ND	ND	ND
3.3-Dichlorobenzidine	.077	.04	ND	ND	ND
Chrysene	.031	.0028	ND	ND	ND
Bis(2-Ethylhexyl)Phtalate	5.9	1.8	ND	ND	ND
Di-n-Octylphthalate	12,000	2,700	ND	ND	ND
Benzo-b-Fluoroanthene	.031	.0028	ND	ND	ND
Benzo-k-Fluoroanthene	.031	.0028	ND	ND	ND
Benzo-a-Pyrene	.031	.0028	ND	ND	ND
Indeno(1,2,3-c,d)Pyrene	.031	.0028	ND	ND	ND
Dibenzo-a,h-Anthracene	.031	.0028	ND	ND	ND
Benzo-g,h,i-Perylene	.031	.0028	ND	ND	ND
4-Chloro-3-Methylphenol	NL	NL	ND	ND	ND
2-Chlorophenol	2,300	540	ND	ND	ND
2,4-Dichlorophenol	790	93	ND	ND	ND
2,4-Dimethylphenol	NL	NL	ND	ND	ND
2,4-Dinitrophenol	14,000	70	ND	ND	ND
2-Methyl-4,6-Dinitrophenol	765	13.4	ND	ND	ND
2-Nitrophenol	NL	NL	ND	ND	ND

Table 7
Groundwater Analytical Data
Semi-Volatile Organic Compounds (SVOC) - EPA Method 625

Analytical Parameter	Water Quality Criteria for Organisms Only	Water Quality Criteria for Water & Organisms	B-10	B-11	B-12
4-Nitrophenol	NL	NL	ND	ND	ND
Pentachlorophenol	8.2	.28	ND	ND	ND
Phenol	4,600,000	21,000	ND	ND	ND
2,4,6-Trichlorophenol	6.5	2.1	ND	ND	ND

Notes:
1. All results are in ug/L (parts per billion - ppb).
2. Groundwater Criteria are listed in the Connecticut Department of Environmental Protection (CT DEP) Water Quality Standards.
3. NL = No Criteria listed by the CT DEP.
4. ND = Non-detectable above respective laboratory analytical method detection limit.

Table 8
Groundwater Analytical Data
Polychlorinated Biphenyls (PCBs) - EPA Method 608

Analytical Parameter	Water Quality Criteria	B-10	B-11	B-12
Arochlor-1016	NL	ND	ND	ND
Arochlor-1221	NL	ND	ND	ND
Arochlor-1232	NL	ND	ND	ND
Arochlor-1242	NL	ND	ND	ND
Arochlor-1248	NL	ND	ND	ND
Arochlor-1245	NL	ND	ND	ND
Arochlor-1260	NL	ND	ND	ND

Notes:
1. All results are in ug/L (parts per billion - ppb).
2. Groundwater Criteria are listed in the Connecticut Department of Environmental Protection (CT DEP) Water Quality Standards.
3. NL = No Criteria listed by the CT DEP.
4. ND = Non-detectable above respective laboratory analytical method detection limit.

Table 9
Groundwater Analytical Data
Eight (8) RCRA Metals - SW-846 Method 6010

Analytical Parameter	Water Quality Criteria for Organisms Only	Water Quality Criteria for Water & Organisms	B-10	B-11	B-12
Silver, Ag	65,000	105	ND	ND	ND
Barium, Ba	NL	NL	ND	ND	ND
Cadmium, Cd	170	16	ND	ND	ND
Selenium, Se	6,800	100	ND	ND	ND
Lead, Pb	NL	50	ND	ND	ND
Mercury, HG	.15	.14	ND	ND	ND
Arsenic, As	.14	.018	ND	ND	ND
Chromium, Cr	3,400	170	ND	ND	ND

Notes:
1. All laboratory results are in ug/L (parts per billion - ppb).
2. Groundwater Criteria are listed in the Connecticut Department of Environmental Protection (CT DEP) Water Quality Standards (parts per million - ppm).
3. NL = No Criteria listed by the CT DEP.
4. ND = Non-detectable above respective laboratory analytical method detection limit.

Table 10
Groundwater Analytical Data
Total Petroleum Hydrocarbons (TPH) - EPA Method 8015

Sample Location	Date	TPH
B-10	6/21/01	<0.6
B-11	6/21/01	<0.6
B-12	6/21/01	<0.6

Note: 1. All results are in mg/L (parts per million - ppm).

Table 1
Monitoring Well Summary
6 Rubber Avenue
Naugatuck, Connecticut

	Location	Elevation of Well (ft)	Elevation of PVC (ft)	Depth to Water (ft)	Screened Interval (ft-bg)	Elevation of Ground Water (ft)
MW-1	Downgradient of Hazardous Waste Shed	96.31	95.84	14.88	7-22	80.96
MW-2	Downgradient of Site Building	100.61	100.28	19.09	10-25	81.19
MW-3	Central Portion of Site	97.34	96.89	14.67	7-22	82.22
MW-4	Downgradient of Historical Buildings	94.85	94.56	12.30	7-22	82.26
MW-5	Northwest Corner, downgradient of former boiler house	97.20	96.81	14.16	7-22	82.65

Elevations are relative to arbitrary 100 foot datum
Depth to Water measured from PVC
ft = feet
bg = below grade

Table 2
Ground Water Analytical Summary
6 Rubber Avenue
Naugatuck, Connecticut

	11DCE	t12DCE	c12DCE	CFM	111TCA	TCE	12DCP	PCE
MW-1	BDL	BDL	BDL	3.0	BDL	BDL	BDL	BDL
MW-2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
MW-3	BDL	BDL	BDL	2.0	2.0	BDL	BDL	BDL
MW-4	5.0	7.0	15.0	BDL	10.0	5.0	2.0	9.0
MW-5	BDL	BDL	BDL	BDL	5.0	BDL	BDL	BDL
SWPC	96	NE	NE	14,100	62,000	2,340	NE	88
Res VC	1	NE	NE	287	20,400	219	14	1,500
I/C VC	6	NE	NE	710	50,000	540	60	3,820

No detectable concentration of ETPH, RCRA 8 Metals, PCB's or SVOC's were detected
units are ppb
Exceedances of one or more standards are highlighted
NE = Not Established
BDL = Below Detection Limits
SWPC = Surface Water Protection Criteria
Res VC = Residential Volatization Criteria
I/C VC = Industrial/Commercial Volatization Criteria
11DCE = 1,1-Dichloroethene
t12DCE = trans,1-2,Dichloroethene
c12DCE = cis,1-2,Dichloroethene
CFM = Chloroform
TCE = Trichloroethene
12DCP = 1,2-dichloropropane
PCE = Tetrachloroethene
111TCA = 1,1,1-trichloroethane

Table 3
Soils Summary - Metals, ETPH, PCB's and VOC's
6 Rubber Avenue
Naugatuck, Connecticut

ID	Depth (ft)	Total (mg/kg)								ETPH (mg/kg)	PCB (ppm)	VOC's
		As	Ba	Cd	Cr	Pb	Hg	Se	Ag			
TB1	0-2	BDL	39	BDL	8.4	29.3	0.006	BDL	BDL	96	BDL	BDL
TB2	2-4	3.8	193	BDL	8.2	138	0.39	BDL	BDL	2,750	BDL	BDL
TB3	0-2	2.4	96	BDL	10.2	95.1	1.36	BDL	BDL	BDL	BDL	BDL
TB4	2-4	2.3	49	0.8	9.8	485	16.6	BDL	BDL	BDL	BDL	BDL
TB4	5-7	2.6	34	12.8	23.2	1.55	BDL	BDL	BDL	BDL	BDL	BDL
TB5	3	5.5	196	0.7	9.6	111	1	BDL	BDL	BDL	BDL	BDL
TB6	2-4	5.8	62	BDL	6.8	237	1.28	BDL	BDL	BDL	BDL	BDL
TB7	0-2	6.8	271	0.9	12.3	256	4.22	BDL	BDL	148	BDL	BDL
TB9	5-7	1.8	63	BDL	10.9	10.8	0.07	BDL	BDL	30	BDL	BDL
TB9	10-12	1.7	35	BDL	15.2	5.8	BDL	BDL	BDL	BDL	BDL	BDL
TB10	5-7	BDL	34	BDL	11.4	16.1	0.14	BDL	BDL	BDL	BDL	BDL
TB11	0-2	2.4	124	BDL	6.7	32	0.07	BDL	0.5	272	BDL	BDL
TB12	0-1	2.4	366	0.9	15.6	196	0.72	BDL	0.4	76	BDL	BDL
TB13	5-7	4.3	50	BDL	7.4	39.2	0.08	BDL	BDL	27	BDL	BDL
TB14	0-2	1.6	75	BDL	13.3	12.1	BDL	BDL	BDL	301	BDL	BDL
TB15	5-7	3.3	81	BDL	9.4	13.7	0.09	BDL	BDL	BDL	BDL	BDL
TB16	0-2	-	95	BDL	18.1	38.9	-	-	-	BDL	-	-
TB16	2-4	3	466	1.3	13.7	578	1	BDL	0.2	1,574	BDL	BDL
TB17	5-7	3.4	61	8.4	168 (BDL/8.4)	0.46	BDL	BDL	BDL	BDL	BDL	BDL
TB18	2-4	3	225	0.7	11.3	183	0.21	BDL	0.3	56	BDL	BDL
TB19	2-4	5	382	BDL	8	43.3	0.43	BDL	0.4	149	BDL	BDL
TB21	2-4	2.7	129	BDL	11.7	98.6	0.7	BDL	BDL	1,342	BDL	BDL
RDEC		10	4,700	34	100/3900	500	20	340	340	500	1	NA
I/C DEC		10	140,000	1,000	100/51,000	1,000	610	10,000	10,000	2,500	10	NA
GBPMC		0.5	10	0.05	0.5	0.15	0.02	0.5	0.36	2,500	0.005	NA
20XPMC		10	200	1	10	3	0.4	10	7.2	NA	NA	NA

BDL = Below Detection Limits
Exceedances of DEC are highlighted
Exceedances of 20 times GBPMC for metals by mass analysis were analyzed by SPLP (if enough sample volume)
NA = Not Applicable
- = not analyzed
NE = Not Established
RDEC = Residential Direct Exposure Criteria
I/C DEC = Industrial/Commercial Direct Exposure Criteria
GB PMC = GB Pollutant Mobility Criteria
VOC's = Volatile Organic Compounds by EPA Method 8260B
ETPH = Extractable Total Petroleum Hydrocarbons
Note:Standards for Chromium are listed as hexavalent/trivalent chromium. Sample results for Boring TB-17 (5-7) are for total chromium (hex/tri). Results are entirely trivalent chromium and therefore below remedial criteria.

Table 4
Soils Summary - SVOC's
6 Rubber Avenue
Naugatuck, Connecticut

Sample ID	RDEC	I/C DEC	GBPMC	TB1	TB2	TB3	TB4	TB4	TB5	TB6	TB7	TB9	TB9	TB10	TB11	TB12	TB13	TB14	TB15	TB16	TB17	TB18	TB19	TB21
Depth (feet)				0-2	2-4	0-2	2-4	5-7	3	2-4	0-2	5-7	10-12	5-7	0-2	0-1	5-7	0-2	5-7	2-4	5-7	2-4	2-4	2-4
Napthalene	1,000,000	2,500,000	56,000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	23	908	81	BDL
Acenapthylene	1,000,000	2,500,000	84,000	BDL	BDL	BDL	44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	65	BDL	BDL	117	12	254	BDL	BDL
Acenapthene	1,000,000	2,500,000	84,000	BDL	BDL	34	23	BDL	BDL	15	BDL	BDL	BDL	BDL	BDL	14	55	BDL	BDL	193	41	2,481	106	202
Fluorene	1,000,000	2,500,000	56,000	BDL	BDL	26	27	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	122	BDL	BDL	153	53	3,361	123	182
Phenanthrene	1,000,000	2,500,000	40,000	BDL	BDL	368	449	31	99	148	27	BDL	BDL	24	634	1,333	1,967	27	BDL	625	499	19,435	840	757
Anthacene	1,000,000	2,500,000	400,000	BDL	BDL	74	94	BDL	18	26	BDL	BDL	BDL	BDL	179	338	766	BDL	BDL	196	112	5,339	218	220
Fluoranthene	1,000,000	2,500,000	56,000	BDL	103	618	923	90	152	270	49	BDL	BDL	46	821	3,546	4,493	56	BDL	1,051	514	18,491	885	581
Pyrene	1,000,000	2,500,000	40,000	BDL	BDL	512	727	64	137	250	45	BDL	BDL	42	785	3,086	3,901	47	BDL	924	400	15,010	672	449
Benzo(a)anthracene	1,000	7,800	1,000	BDL	BDL	272	384	27	58	119	19	BDL	BDL	20	357	1,453	1,791	19	BDL	322	221	6,874	367	180
Chrysene	84,000	780,000	1,000	BDL	BDL	282	393	32	70	133	24	BDL	BDL	24	422	1,546	1,734	23	BDL	464	251	6,770	360	191
Benzo(b)fluoranthene	1,000	7,800	1,000	BDL	133	255	282	22	82	117	22	BDL	BDL	18	321	1,301	932	12	BDL	366	208	5,137	254	146
Benzo(k)fluoranthene	8,400	78,000	1,000	BDL	BDL	214	261	24	59	112	18	BDL	BDL	17	279	1,128	1,067	12	BDL	257	185	4,039	214	110
Benzo(a)pyrene	1,000	1,000	1,000	BDL	102	297	245	20	82	92	21	BDL	BDL	25	320	1,439	1,159	17	BDL	341	202	5,033	334	132
Indeno(1,2,3-cd)Pyrene	1,000	7,800	1,000	BDL	BDL	193	166	BDL	59	BDL	BDL	BDL	BDL	BDL	BDL	900	661	BDL	BDL	BDL	164	2,825	171	BDL
Dibenzo(a,h)Anthracene	1,000	1,000	1,000	BDL	BDL	BDL	BDL	BDL	BDL	72	BDL	BDL	BDL	BDL	BDL	BDL	239	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Benzo(g,h,i)Perylene	1,000,000	2,500,000	42,000	BDL	BDL	143	111	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	639	374	BDL	BDL	BDL	111	1,934	120	BDL
Benzo(j)fluoranthene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dibenzo(a,h)acridine	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dibenzo(a,j)acridine	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
7H-Dibenzo(c,g)carbozole	NE	NE	NE	BDL	BDL	BDL	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	95	BDL	BDL	BDL	62	1,524	136	BDL
3-Methylcholanthrene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL = Below Detection Limit
All units are ppb
Exceedances of applicable criteria are highlighted
NE = Not Established by CTDEP

RDEC = Residential Direct Exposure Criteria
I/C DEC = Industrial/Commercial Direct Exposure Criteria
GB PMC = GB Pollutant Mobility Criteria

Table 5
Soils Summary - SPLP Analysis - Metals and SVOC's
6 Rubber Avenue
Naugatuck, Connecticut

ID	Depth (ft)	SPLP (mg/L)					SPLP SVOC's
		Ba	Cd	Cr	Pb	Hg	
TB1	0-2	-	-	-	0.01	-	-
TB2	2-4	-	-	-	0.005	-	-
TB3	0-2	-	-	BDL	BDL	BDL	BDL
TB4	2-4	-	-	-	0.031	BDL	BDL
TB4	5-7	-	BDL	BDL	-	-	-
TB5	3	-	-	-	0.016	BDL	-
TB6	2-4	-	-	-	0.021	BDL	BDL
TB7	0-2	BDL	-	BDL	0.012	BDL	-
TB9	5-7	-	-	BDL	BDL	-	-
TB9	10-12	-	-	BDL	BDL	-	-
TB10	5-7	-	-	BDL	BDL	-	-
TB11	0-2	-	-	-	BDL	-	BDL
TB12	0-1	BDL	-	BDL	BDL	BDL	BDL
TB13	5-7	-	-	-	BDL	-	BDL
TB14	0-2	-	-	BDL	BDL	-	-
TB15	5-7	-	-	-	BDL	-	-
TB16	0-2	BDL	BDL	BDL	BDL	-	-
TB16	2-4	Insufficient Sample					-
TB17	5-7	-	BDL	BDL	-	-	-
TB18	2-4	BDL	-	BDL	BDL	-	BDL
TB19	2-4	BDL	-	-	BDL	BDL	-
TB21	2-4	-	-	Insufficient Sample			-
GBPMC		10	0.05	0.5	0.15	0.02	NA
10xGWPC		NA	NA	NA	NA	NA	Variable

BDL = Below Detection Limits
No exceedances of applicable remedial criteria were noted.
NA = Not Applicable
- = not analyzed
RDEC = Residential Direct Exposure Criteria
I/C DEC = Industrial/Commercial Direct Exposure Criteria
GB PMC = GB Pollutant Mobility Criteria
GWPC = Ground Water Protection Criteria
SVOC's = Semi-Volatile Organic Compounds by EPA Method 8270C

APPENDIX B
SITE PHOTOGRAPHS

Photograph 1: Excavation of TP01. Note location of brick manway.

Photograph 2: Brick manway adjacent to TP01.

Photograph 3: Brick and building debris from TP03 excavation.

Photograph 4: Wood and building debris from TP05 excavation.

Photograph 5: Steel and building debris excavated from TP06.

Photograph 6: Brick, wood, steel pipe, and building debris excavated from TP11.

Photograph 7: Ash fill encountered in TP12 excavation.

Photograph 8: Ash fill excavated from TP12 .

Photograph 9: Former building walls excavated from TP16.

Photograph 10: Installation of SB106, adjacent to drain in loading dock area.

Photograph 11: Flood control sump in basement of GDC building.

Photograph 12: Installation of SB111 in former benzene/naphthalene storage area.

APPENDIX C
SOIL BORING LOGS

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB101**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Steve Grens, AKRF

Drilling

Start		**Finish**	
Time:	09:00	**Time:**	09:15
Date	December 6, 2010		
Weather:	Overcast,~30 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	30	Top 8": CONCRETE.	None	ND	None	GDC-SB-101 (0-2)
2		Middle 10": Dark brown, f SAND and GRAVEL, trace Silt.				
3		Bottom 12": Light brown SAND and f GRAVEL.				GDC-SB-101 (2-4)
4						
5	28	Top 16": Light brown SAND and f GRAVEL.	None	ND	None	
6						
7		Middle 4": Dark brown f SAND.				
8		Bottom 8": Brown f SAND and GRAVEL.				
9		End of boring at 8 feet				
10						
11						
12						
13						
14						
15						
16						

Notes: End of boring at 8 feet.
Groundwater not encountered.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB102**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Steve Grens, AKRF

Drilling

Start		**Finish**	
Time:	09:15	**Time:**	10:15
Date	December 6, 2010		
Weather:	Overcast,~30 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	30	Top 8": CONCRETE.	None	ND	None	
2		Middle 16" Brown f SAND, some f Gravel, trace Silt.				
3						
4		Bottom 6": f GRAVEL, some light brown c Sand.				
5	40	Top 32": Brown f SAND and GRAVEL, trace Silt.	None	ND	None	
6						
7						
8		Bottom 8": Light brown SAND, some f Gravel.				
9		End of boring at 8 feet				
10						
11						
12						
13						
14						
15						
16						

Notes: End of boring at 8 feet.
Groundwater not encountered.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB103**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Steve Grens, AKRF

Drilling			
Start Time:	10:15	**Finish Time:**	11:00
Date	December 6, 2010		
Weather:	Overcast,~30 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	28	Top 6": CONCRETE.	None	ND	None	
2		Middle 20": Brown f SAND, SILT and GRAVEL.				
3						
4		Bottom 2": f GRAVEL, some brown Sand, Silt.				
5	42	Top 36": Brown SAND, SILT and f GRAVEL.	None	ND	None	
6						
7						
8		Bottom 4": Crushed GRAVEL (Quartz).				
9		End of boring at 8 feet				
10						
11						
12						
13						
14						
15						
16						

Notes: End of boring at 8 feet.
Groundwater not encountered.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB104**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Steve Grens, AKRF

Drilling			
Start Time:	11:00	**Finish Time:**	11:30
Date	December 6, 2010		
Weather:	Overcast,~30 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	28	Top 8": CONCRETE. Middle 4": Dark brown f SAND and GRAVEL, trace Silt. Bottom 14": Brown f SAND and SILT, some f Gravel.	None	ND	None	
5	48	Top 38": f GRAVEL, light brown f Sand, Silt. Bottom 10": ASH.	None	ND	None	
9	24	Top 6": ASH. Bottom 18": f GRAVEL, trace c Sand, Silt.	None	ND	None	GDC-SB-104 (7-9)
13	30	Top 6": BRICK, trace brown c Sand. (wet) Bottom 24": Dark brown/grey m-c SAND, trace Silt. (wet)	None	ND	None	

Notes: End of boring at 16 feet.
Groundwater encountered at ~12 feet.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB105**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Steve Grens, AKRF

Drilling			
Start Time:	11:30	**Finish Time:**	12:00
Date	December 6, 2010		
Weather:	Overcast,~30 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	30	Top 6": CONCRETE.	None	ND	None	
2						
3		Bottom 24": Brown f SAND and GRAVEL, trace Silt.				
4						
5		End of boring at 4 feet				
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Notes: End of boring at 4 feet.
Groundwater not encountered.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB106**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Steve Grens, AKRF

Drilling			
Start		**Finish**	
Time:	12:00	**Time:**	12:20
Date	December 6, 2010		
Weather:	Overcast,~30 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	48	Top 8": CONCRETE.	None	ND	None	GDC-SB-106 (0-2)
2		Middle 26": Brown f SAND and GRAVEL, trace Silt.				
3						
4		Bottom 14": Light brown f SAND and GRAVEL.				GDC-SB-106 (2-4)
5	44	0 - 8": SLOUGH (Concrete).	None	ND	None	
6		8 - 34": Brown f SAND and GRAVEL, trace Silt.				
7						
8		34 - 38": ROCK fragments (schist) (FILL). 38 - 44": Brown f SAND, ASH, COAL and GRAVEL (FILL).				
9	40	Top 12": SLOUGH (Concrete, Sand).	None	ND	None	
10		Middle 8": Light brown f SAND and GRAVEL, trace Silt.				
11		Bottom 20": f GRAVEL, brown/dark grey SAND and ASH, trace Coal. (wet at 18").				
12						
13		End of boring at 12 feet				
14						
15						
16						

Notes: End of boring at 12 feet.

Groundwater encountered at ~12 feet.

ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB107**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Steve Grens, AKRF

Drilling

Start Time:	12:20	**Finish Time:**	12:30
Date	December 6, 2010		
Weather:	Overcast,~30 degrees F		

Surface Condition: Concrete

Depth (feet)	Recovery (Inches)		Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	24	Top 8": CONCRETE.	None	ND	None	
2		Middle 8": Dark brown f SAND and SILT, trace f Gravel.				
3		Bottom 8": Light brown c SAND and f GRAVEL, trace Silt.				
4						
5		End of boring at 4 feet				
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Notes: End of boring at 4 feet.
Groundwater not encountered.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB108**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Steve Grens, AKRF

Drilling

Start		**Finish**	
Time:	13:40	**Time:**	15:00
Date	December 6, 2010		
Weather:	Overcast,~30 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Topsoil	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	30	Top 12": Dark brown to black f SAND and GRAVEL (railroad ballast).	None	ND	None	
2						
3		Bottom 18": Brown c SAND, some Gravel, trace Silt.				
4						
5	40	Brown c SAND, some Gravel, trace Silt.	None	ND	None	
6						
7						
8						
9	30	Brown c SAND, some Gravel, trace Silt.	None	ND	None	
10						
11						
12						
13	48	Brown c SAND, some Gravel, trace Silt.	None	ND	None	GDC-SB-108 (11-13)
14						
15						
16						

Notes: End of boring at 16 feet.
Groundwater encountered at ~13 feet.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB109**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Steve Grens, AKRF

Drilling			
Start		**Finish**	
Time:	15:10	**Time:**	15:40
Date	December 6, 2010		
Weather:	Overcast,~30 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	32	Top 4": ASPHALT and Dark brown to black SAND, GRAVEL (railroad ballast). Bottom 28": Brown m-c SAND and f GRAVEL, trace Silt.	None	ND	None	
5	26	Top 3": SLOUGH. Middle 6": f GRAVEL. Bottom 17": Brown f SAND, some f Gravel, trace Silt.	None	ND	None	
9	28	Top 24": Brown f SAND and f GRAVEL. Middle 2": f GRAVEL (Quartz). Bottom 2": m-c SAND and f GRAVEL.	None	ND	None	
13	42	Top 38": Brown c SAND and f GRAVEL. Bottom 4": Dark grey SAND and SILT.	None	ND	None	GDC-SB-109 (11-13)

Notes: End of boring at 16 feet.
Groundwater encountered at ~13 feet.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB110**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Steve Grens, AKRF

Drilling

Start		**Finish**	
Time:	09:45	**Time:**	10:25
Date	December 7, 2010		
Weather:	Clear, ~30 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	32	Top 8": CONCRETE.	None	ND	None	
2		Middle 20": Light brown f SAND and GRAVEL, little Silt.				
3						
4		Bottom 4": f GRAVEL, some dark brown f Sand, trace Silt.				
5	46	Top 18": BRICK and CONCRETE (FILL), some brown f Sand, Gravel, trace Silt.	None	ND	None	GDC-SB-110 (6-8)
6		Middle 6": CONCRETE (FILL).				
7		Bottom 22": Dark grey SAND and SILT.	Strong Petroleum-like/Solvent Odor	999.8		
8				1111.2		
9	43	Top 6": SLOUGH (Concrete)	Petroleum-like Odor	862	None	
		Middle 6": Dark grey SAND and SILT.				
10				226		
11		Bottom 31": f GRAVEL, some Sand, Silt.		62.3		
12				14.7		
13	38	Top 8": f GRAVEL, some dark brown Sand, little Silt.	None	0.6	None	
14						
15		Bottom 30": Light grey SAND.		ND		
16						

Notes: End of boring at 16 feet.

Groundwater encountered at ~8 feet.

ND=not detected.

SOIL BORING LOG

GDC - Naugatuck
AKRF Project Number: 91065

Boring No. **SB111**
Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Steve Grens, AKRF

Drilling
Start Time: 10:25 **Finish Time:** 11:13
Date December 7, 2010
Weather: Clear, ~30 degrees F

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1		Top 8": CONCRETE.				
2	28		None	ND	None	
3		Bottom 20": Brown f SAND and GRAVEL, some Silt.				
4						
5		Top 20": Light brown SAND and GRAVEL, trace Silt.	None	ND		
6	38				None	
7		Bottom 18": Dark grey/black SAND and f GRAVEL (moist).	Petroleum Odor	174.9		
8						GDC-SB-111 (6-8)
9				397		
10	42	Light grey, c SAND, trace f Gravel (wet).	Petroleum Odor	261	None	
11				86.2		
12				52.6		
13				42.6		
14	46	Grey, SAND (wet).	Petroleum-like Odor	39.6	None	
15				52.8		
16				28.2		
17				62.8		
18	46	Grey f-m SAND (wet).	Petroleum-like Odor	86	None	
19				49.2		
20				14.2		
21				362		
22	40	Grey f-m SAND (wet).	Strong Petroleum-like Odor			
23				1159		
24						

Notes: End of boring at 24 feet.
Groundwater encountered at ~8 feet.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB112**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Steve Grens, AKRF

Drilling

Start		**Finish**	
Time:	12:35	**Time:**	13:37
Date	December 7, 2010		
Weather:	Clear, ~30 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Topsoil	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1 – 4	34	BRICK and CONCRETE, some brown f Sand, Gravel, trace Silt (FILL).	None	ND	None	
5 – 8	37	Top 6": Brown f SAND and f GRAVEL, trace Brick (FILL). Middle 8": BRICK and CONCRETE (FILL). Bottom 23": Light brown SAND and f GRAVEL, trace Silt.	None	ND	None	
9 – 11	36	Top 4": CONCRETE (FILL). Bottom 32": Light brown, c SAND and f GRAVEL, some Concrete (FILL).	None	ND	None	
12 – 16		Refusal at 11 feet.				

Notes: End of boring at 11 feet.
Groundwater not encountered.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB113**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Steve Grens, AKRF

Drilling

Start		**Finish**	
Time:	13:37	**Time:**	14:40
Date	December 7, 2010		
Weather:	Clear, ~30 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt Millings	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	29	0 - 6": ASPHALT MILLINGS. 6 - 14": Brown f SAND and GRAVEL, trace Silt, Asphalt Millings (FILL). 14 - 21": ASPHALT MILLINGS. 21 - 29": BRICK and PLASTIC (FILL).	None	ND	None	
5	24	Top 8": BRICK and CONCRETE (FILL). Bottom 16": Light brown f SAND, trace f Gravel, Silt.	None	ND	None	
9	40	Top 6": SLOUGH (Brick, Asphalt Millings). Middle 24: Brown SAND and f GRAVEL. Bottom 10": Light brown SAND.	None	ND	None	
13	44	Top 15": Light brown SAND, trace f Gravel. Middle 11": Light brown m-c SAND. Bottom 18": GRAVEL (washed/sorted) and c SAND.	None	ND	None	GDC-SB-113 (12-14)

Notes: End of boring at 16 feet.
Groundwater encountered at ~ 14 feet.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB114**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Steve Grens, AKRF

Drilling

Start		**Finish**	
Time:	14:40	**Time:**	15:30
Date	December 7, 2010		
Weather:	Clear, ~30 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	40	Top 2": ASPHALT. Middle 8": BRICK (FILL). Bottom 28": WOOD, some brown f Sand, trace f Gravel (FILL).	None	ND	None	
2						
3						
4						
5	8	WOOD and BRICK (FILL).	None	0.1	None	
6						
7						
8						
9	46	Top 28": BRICK and CONCRETE (FILL). Bottom 18": Brown c SAND and GRAVEL (unsorted, outwash, canal bed).	None	ND	None	
10						
11						
12						
13	45	Brown c SAND and GRAVEL (unsorted, outwash, canal bed, wet at 14 feet).	None	ND	None	GDC-SB-114 (12-14)
14						
15						
16						

Notes: End of boring at 16 feet.
Groundwater encountered at ~14 feet.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB115**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Steve Grens, AKRF

Drilling

Start		**Finish**	
Time:	8:20	**Time:**	9:30
Date	December 8, 2010		
Weather:	Clear, Calm ~30 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt milling	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	21	Top 6": ASPHALT MILLINGS. Bottom 15": Brown f SAND and f GRAVEL, some Brick (FILL).	None	ND	None	
2						
3						
4						
5	20	WOOD and BRICK, some brown f Sand, Silt, f Gravel (FILL).	Creosote Odor on Wood	225 (Wood sample)	None	
6						
7						
8						
9		Refusal at 8 feet.				
10						
11						
12						
13						
14						
15						
16						

Notes: End of boring at 8 feet.
Groundwater not encountered.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB116**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Steve Grens, AKRF

Drilling

Start		**Finish**	
Time:	9:45	**Time:**	10:30
Date	December 8, 2010		
Weather:	Clear, Calm ~30 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1		Top 6": CONCRETE.		ND		
2	26	Bottom 20": Dark grey/black f SAND, SILT and f GRAVEL (Wet at 3.5 feet).	None	3.4	None	
3				1.2		
4			Petroleum-like odor			
5						
6	18	Black SAND and SILT, trace f Gravel.	Petroleum-like Odor	0.5 - 1.4	Slight Sheen	
7						
8						
9		End of boring at 8 feet.				
10						
11						
12						
13						
14						
15						
16						

Notes: End of boring at 8 feet.
Groundwater encountered at ~3.5 feet.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB117**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Steve Grens, AKRF

Drilling

Start		**Finish**	
Time:	10:50	**Time:**	11:10
Date	December 8, 2010		
Weather:	Clear, Calm ~30 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	27	Top 6": CONCRETE. Bottom 21": Grey/black f SAND and SILT, trace f Gravel (wet at 3.5 feet).	None	0.1 - 0.2	None	
2						
3						
4						
5	24	f GRAVEL, some black Sand, trace Silt (wet).	Slight Petroleum-like Odor	0.1 - 0.3	None	
6						
7						
8						
9	38	f GRAVEL, some black Sand, trace Silt (wet).	Slight Petroleum-like Odor	0.1		GDC-SB-117 (10-12)
10				0.3		
11				11.9		
12						
13		End of boring at 12 feet.				
14						
15						
16						

Notes: End of boring at 12 feet.
Groundwater encountered at ~3.5 feet.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB118**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Steve Grens, AKRF

Drilling			
Start Time:	11:10	**Finish Time:**	11:40
Date	December 8, 2010		
Weather:	Clear, Calm ~30 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	24	Top 6": CONCRETE. Bottom 18": Black f SAND and SILT, little f Gravel (wet at 3.5 feet).	None	ND	None	
2						
3						
4						
5	22	Top 10": Black f SAND and SILT, little f Gravel.		0.1	None	
6				0.3		
7		Bottom 12": f GRAVEL, some f Sand, trace Silt.	Slight Petroleum-like Odor	0.4	Slight Sheen	
8						GDC-SB-118 (6-8)
9	26	Top 2": f GRAVEL, some f Sand, trace Silt. Bottom 24": f GRAVEL, some brown c Sand (canal bed).	None	ND	None	
10						
11						
12						
13		Bottom of boring at 12 feet.				
14						
15						
16						

Notes: End of boring at 12 feet.
Groundwater encountered at ~3.5 feet.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB119**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Steve Grens, AKRF

Drilling			
Start Time:	12:55	**Finish Time:**	13:47
Date	December 8, 2010		
Weather:	Clear, Calm ~30 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	26	0 - 6": CONCRETE. 6 - 12": Dark brown SAND and SILT. 12 - 18": CONCRETE. 18 - 26": Black SAND and SILT.	None	ND	None	GDC-SB-119 (2-4)
5	36	Top 10": Black SAND and SILT (wet at 4.5 feet). Bottom 26": f GRAVEL (outwash) and black c SAND (possible canal bed, wet).	None	ND	None	
9	32	f GRAVEL (outwash) and black c SAND (possible canal bed, wet).	None	ND	None	
13		End of boring at 12 feet.				

Notes: End of boring at 12 feet.
Groundwater encountered at ~4.5 feet.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB120**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Steve Grens, AKRF

Drilling		
Start Time:	14:40	**Finish Time:**
Date	December 8, 2010	
Weather:	Clear, Calm ~30 degrees F	

Surface Condition: Asphalt

Depth (feet)	Recovery (Inches)		Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	28	0 - 2": ASPHALT. 2 - 6": CONCRETE. 6 - 14": Brown f SAND and SILT. 14 - 28": Black/dark brown f GRAVEL, some Silt.	None	ND	None	
2						
3						
4						
5	38	Dark grey/black c SAND and GRAVEL, trace Silt (wet at 7.5 feet).	Petroleum-like Odor	1	None	
6				8.2		
7				18.2		
8				19.5		GDC-SB-120 (6-8)
9		End of boring at 8 feet.				
10						
11						
12						
13						
14						
15						
16						

Notes: End of boring at 12 feet.
Groundwater encountered at ~7.5 feet.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB121**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Steve Grens, AKRF

Drilling

Start		**Finish**	
Time:	9:00	**Time:**	09:40
Date	December 9, 2010		
Weather:	Clear, 20 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Brick Fill	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1 2 3 4	20	Top 16": BRICK and ASPHALT MILLINGS (FILL). Bottom 4": Brown SAND and f GRAVEL.	None	ND	None	
5 6 7 8	6	Reddish/brown f SAND, trace f Gravel.	None	ND	None	
9 10 11 12	22	Light brown c SAND and f GRAVEL (outwash, canal bed).	None	ND	None	
13 14 15 16		End of boring at 12 feet.				

Notes: End of boring at 12 feet.
Groundwater not encountered.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB122**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Steve Grens, AKRF

Drilling

Start		**Finish**	
Time:	10:00	**Time:**	10:46
Date	December 9, 2010		
Weather:	Clear, 20 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt Millings	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	43	0-2": ASPHALT. 2-12": Brown f SAND and GRAVEL. 12-24": Black/dark grey f SAND, SILT and GRAVEL. 24 - 32": f GRAVEL. 32 - 43": Brown f SAND, some Brick (FILL).	None	0.3 0.2 ND	None	GDC-SB-122 (0-2)
2						
3						
4						
5	46	Top 26": Light brown, f SAND and GRAVEL. Bottom 20": Light brown c SAND and GRAVEL (outwash, canal bed).	None	0.3 0.1 ND	None	GDC-SB-122 (4-6)
6						
7						
8						
9	46	Light brown c SAND and GRAVEL.	None	ND	None	
10						
11						
12						
13		Refusal at 12 feet				
14						
15						
16						

Notes: End of boring at 12 feet.
Groundwater not encountered.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB123**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Steve Grens, AKRF

Drilling

Start Time:	11:15	**Finish Time:**	12:20
Date	December 9, 2010		
Weather:	Clear, 20 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	42	0 - 2": ASPHALT.	None	ND	None	GDC-SB-123 (0-2)
2		2 - 16": Brown f-SAND, trace Silt		1.4		
3		16 - 40": BRICK and WOOD (FILL).		0.1		
4		40 - 42": ASPHALT.		ND		
5	46	0 - 4": BRICK, some dark gray/black Sand, Silt (FILL).	None	ND	None	
6		4 - 16": Light brown c-SAND and GRAVEL.				
7		16 - 30": GRAVEL (rock fragments).				
8		30 - 46": Brown c SAND and f-GRAVEL.				
9	40	Light brown, c-SAND and f-Gravel (unsorted, washed, wet at 11 feet).	None	ND	None	GDC-SB-123 (9-11)
10						
11						
12						
13		End of boring at 12 feet				
14						
15						
16						

Notes: End of boring at 12 feet.

Groundwater encountered at ~11 feet.

ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB124**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Steve Grens, AKRF

Drilling			
Start		**Finish**	
Time:	13:40	**Time:**	14:18
Date	December 9, 2010		
Weather:	Clear, 20 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	38	0 - 4": ASPHALT. 4 - 10": Brown f SAND and GRAVEL. 10 - 34": Light brown SAND. 34 - 38": Dark brown/black SAND and SILT.	None	ND	None	GDC-SB-124 (0-2)
5	44	Top 10": Brown f SAND, SILT and GRAVEL. Bottom 34": Light brown m-c SAND, some Gravel, little Silt.	None	ND	None	GDC-SB-124 (6-8)
9		End of boring at 8 feet.				
13						

Notes: End of boring at 8 feet.
Groundwater not encountered.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB125**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Steve Grens, AKRF

Drilling

Start		**Finish**	
Time:	14:50	**Time:**	15:30
Date	December 9, 2010		
Weather:	Clear, 20 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	30	Top 2": ASPHALT.	Slight Creosote Odor on Wood	ND	None	
2		Bottom 28": Dark brown f-SAND, SILT and GRAVEL, some Brick, Concrete, Wood (FILL).				
3						
4						
5		Refusal at 5 feet.				
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Notes: End of boring at 5 feet.
Groundwater not encountered.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB126**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Steve Grens, AKRF

Drilling

Start Time:	15:30	**Finish Time:**	15:48
Date	December 9, 2010		
Weather:	Clear, 20 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	26	Top 2": ASPHALT. Middle 10": Dark gray/black f SAND and BRICK, some Wood (FILL). Bottom 14": ASH (FILL).	None	ND	None	GDC-SB-126 (2-4)
5	24	Top 2": BRICK (FILL). Bottom 22": Brown f SAND and f GRAVEL, trace Brick 9FILL).	None	ND	None	
9	28	Top 11": Brown f SAND and GRAVEL, trace Brick, Ash (FILL). Middle 8": Brown c SAND, trace f Gravel (wet at 10 feet). Bottom 9": Coarse light brown SAND and GRAVEL (outwash, possible canal bed).	None	ND	None	GDC-SB-126 (8-10)
12		Refusal at 11 feet.				
13						

Notes: End of boring at 12 feet.
Groundwater encountered at ~10 feet.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB127**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Martin Brogie, AKRF

Drilling			
Start		**Finish**	
Time:	08:25	**Time:**	08:40
Date	December 29, 2010		
Weather:	Cloudy, ~25 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	33	0 - 14": Dark brown to black f-m SAND and GRAVEL, some Silt (railbed ballast). 14 - 20": Dark brown f SAND, some Silt. 20 - 26": Crushed ROCK (Granite). 26 - 33": Brown m-c SAND.	None	ND	None	GDC-SB-127 (0-2)
5	32	f-m SAND, trace Gravel (orange mottling 22-33").	None	ND	None	
9		End of boring at 8 feet				
13						

Notes: End of boring at 8 feet.
Groundwater not encountered.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB128**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Martin Brogie, AKRF

Drilling			
Start Time:	08:40	**Finish Time:**	08:55
Date	December 29, 2010		
Weather:	Cloudy, ~25 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	42	Top 15": Dark to black f-m SAND and GRAVEL, some Silt (railbed ballast).	None	ND	None	GDC-SB-128 (0-2)
2						
3		Bottom 27": Brown m SAND, trace Gravel.				
4						
5	48	Top 23": Brown f-m SAND, trace Gravel.	None	ND	None	
6						
7		Bottom 25": Orange/brown m-c SAND and GRAVEL.				
8						
9		End of boring at 8 feet				
10						
11						
12						
13						
14						
15						
16						

Notes: End of boring at 8 feet.
Groundwater not encountered.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB129**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Martin Brogie, AKRF

Drilling			
Start		**Finish**	
Time:	08:55	**Time:**	09:28
Date	December 29, 2010		
Weather:	Cloudy, ~25 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	36	Top 11": Dark brown to black f SAND and GRAVEL (railroad ballast).	None	ND	None	
2						
3		Bottom 25": Orange brown SAND, some Gravel.				
4						
5	48	0 - 6": Crushed ROCK.	None	ND	None	
6		6 - 21": Dark brown f SAND.				
7		21 - 48": m-c SAND (orange mottling 22-48").				
8						
9		End of boring at 8 feet.				
10						
11						
12						
13						
14						
15						
16						

Notes: End of boring at 8 feet.
Groundwater not encountered.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB130**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Martin Brogie, AKRF

Drilling			
Start Time:	09:28	**Finish Time:**	10:00
Date	December 29, 2010		
Weather:	Cloudy, ~25 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	38	0 - 14": Dark brown to black f SAND and SILT, trace Coal (railbed ballast). 14 - 21": Black f SAND and SILT, trace Coal (FILL). 21 - 38": Brown f-m SAND and GRAVEL.	None	ND	None	GDC-SB-130 (0-2)
5	35	Brown m SAND, trace Gravel.	None	ND	None	
9		End of boring at 8 feet.				
13						

Notes: End of boring at 8 feet.
Groundwater not encountered.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB131**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Martin Brogie, AKRF

Drilling			
Start		**Finish**	
Time:	10:00	**Time:**	10:30
Date	December 29, 2010		
Weather:	Cloudy, ~25 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Ballast	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	38	Top 11": Dark brown to black f-m SAND and GRAVEL (railbed ballast). Bottom 27": Black f SAND and SILT, some Coal, trace Gravel (FILL).	None	ND	None	
2						
3						
4						
5	21	Brown f SAND.	None	ND	None	
6						
7						
8						
9		End of boring at 8 feet.				
10						
11						
12						
13						
14						
15						
16						

Notes: End of boring at 8 feet.
Groundwater not encountered.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB132**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Martin Brogie, AKRF

Drilling			
Start		**Finish**	
Time:	10:30	**Time:**	11:00
Date	December 29, 2010		
Weather:	Cloudy, ~25 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	31	0 - 10": Black f-m SAND and GRAVEL, trace Silt (railbed ballast).	None	ND	None	GDC-SB-132 (0-2)
2		10 - 17": Crushed ROCK, some f Sand, Silt, trace Coal.				
3		17 - 31": Brown f SAND and GRAVEL.				
4						
5	39	0 - 5": Brown f SAND.	None	ND	None	
		5 - 11": BRICK and GRAVEL.				
		11 - 16": Black f SAND and SILT.	Organic Odor			
6		16 - 31": Dark brown f SAND and SILT.				
7			None			
8		31 - 39": Orange/brown f SAND (mottled).				
9	48	Top 4": Light brown f SAND.	None	ND	None	
10		Middle 35": Black/grey f SAND and SILT, trace Coal Ash (FILL).				
11						
12		Bottom 9": Orange and grey f SAND (mottled).				
13	36	Top 19": Orange and black f SAND and GRAVEL, trace Brick, Coal Ash (FILL).	None	ND	None	
14						
15		Middle 7": Crushed ROCK.				
16		Bottom 10": Brown f SAND and GRAVEL (wet).				

Notes: End of boring at 16 feet.

Groundwater encountered at ~15 feet.

ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB133**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Martin Brogie, AKRF

Drilling

Start		**Finish**	
Time:	11:03	**Time:**	11:30
Date	December 29, 2010		
Weather:	Cloudy, ~25 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	27	0 - 3": ASPHALT. 3 - 9": CONCRETE. 9 - 27": Dark brown f SAND and GRAVEL.	None	ND	None	
2						
3						
4						
5	25	Brown f SAND and GRAVEL (orange mottling at 20-25").	None	ND	None	
6						
7						
8						
9	27	Light/dark brown f SAND (wet).	None	ND	None	
10						
11						
12						
13		End of boring at 12 feet.				
14						
15						
16						

Notes: End of boring at 12 feet.
Groundwater encountered at ~8 feet.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB134**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Martin Brogie, AKRF

Drilling			
Start		**Finish**	
Time:	11:30	**Time:**	12:15
Date	December 29, 2010		
Weather:	Cloudy, ~25 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	32	0 - 4": ASPHALT. 4 - 12": Orange m SAND and GRAVEL. 12 - 32": Dark brown f SAND and GRAVEL.	None	ND	None	
5	29	0 - 8": Crushed ROCK. 8 - 27": Orange brown f SAND and GRAVEL, some Coal Fragments (FILL). 27 - 29": Grey f SAND and GRAVEL.	None	ND	None	
9	22	0 - 14": Olive brown f SAND and GRAVEL.	None	1.5	None	
11		14 - 22": Grey f SAND.	Slight to Moderate Petroleum Odor	3.8		GDC-SB-134 (10-12)
13	19	Grey f SAND, trace Gravel.	Moderate Petroleum Odor	34.8	None	GDC-SB-134 (14-16)

Notes: End of boring at 16 feet.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB135**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Martin Brogie, AKRF

Drilling			
Start		**Finish**	
Time:	13:02	**Time:**	13:21
Date	December 29, 2010		
Weather:	Cloudy, ~25 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	32	0 - 2": ASPHALT.	None	ND	None	
2		2 - 21": BRICK (FILL).				
3		21 - 28": WOOD (FILL).				
4		28 - 32": Brown f SAND and SILT (wet).				
5	26	Brown f SAND and SILT.	None	ND	None	
6						
7						
8		Refusal at 7 feet.				
9						
10						
11						
12						
13						
14						
15						
16						

Notes: End of boring at 7 feet.
Groundwater encountered at ~4 feet.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB136**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Martin Brogie, AKRF

Drilling			
Start Time:	13:21	**Finish Time:**	13:40
Date	December 29, 2010		
Weather:	Cloudy, ~25 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	39	0 - 2": ASPHALT. 2 - 8": Red brown m SAND. 8 - 27": Dark brown f SAND and SILT, some Brick, Concrete, Coal, Coal Ash (FILL). 27 - 35": Crushed ROCK. 35 - 39": Brown f SAND.	None	ND	None	GDC-SB-136 (1-3)
5	16	0 - 9": Dark brown f-m SAND and GRAVEL. 9 - 16": Crushed ROCK.	None	ND	None	
6		Refusal at 5.5 feet.				
9						
13						

Notes: End of boring at 5.5 feet.
Groundwater not encountered.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB137**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Martin Brogie, AKRF

Drilling			
Start		**Finish**	
Time:	13:40	**Time:**	14:15
Date	December 29, 2010		
Weather:	Cloudy, ~25 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1		CONCRETE. (Multiple refusals at 2-3 feet. Relocated boring 5 times. No samples collected.)				
2						
3						
4		Refusal at 3 feet.				
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Notes: End of boring at 3 feet.

Groundwater not encountered.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB138**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Martin Brogie, AKRF

Drilling			
Start		**Finish**	
Time:	14:15	**Time:**	14:55
Date	December 29, 2010		
Weather:	Cloudy, ~25 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	33	0 - 2": ASPHALT. 2 - 10": Red/brown m SAND. 10 - 33": Dark brown f SAND, SILT, and GRAVEL, some Brick, Wood (FILL).	None	ND	None	
5	23	0 - 9": Dark brown f SAND and SILT, some Brick and Wood (FILL). 9 - 23": ASH and crushed ROCK (FILL).	None	ND	None	GDC-SB-138 (6-8)
9	22	0 - 5": ASH and BRICK (FILL). 5 - 8": Crushed ROCK. 8 - 20": ROCK powder and crushed ROCK (Granite). 20 - 22": Dark brown f SAND and GRAVEL (wet).	None	ND	None	
13	15	Top 5": Dark brown f SAND, ASH, BRICK, trace Glass (FILL). Bottom 10": Brown f SAND and SILT, some Gravel (wet).	None	ND	None	GDC-SB-138 (12-14)

Notes: End of boring at 16 feet.
Groundwater encountered at ~11.5 feet.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB139**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Martin Brogie, AKRF

Drilling			
Start Time:	14:55	**Finish Time:**	15:10
Date	December 29, 2010		
Weather:	Cloudy, ~25 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	32	Top 2": ASPHALT. Bottom 30": Dark brown SAND and SILT, some Gravel, Wood, Brick (FILL).	None	ND	None	
2						
3						
4						
5	37	Top 4": Brown f SAND. Bottom 33": Orange brown f SAND.	None	ND	None	
6						
7						
8						GDC-SB-139 (6-8)
9	33	Top 15": Orange f SAND. Bottom 17": Orange, mottled SAND, GRAVEL and crushed ROCK (mottling starts at 10 feet).	None	ND	None	
10						
11						
12						
13		End of boring at 12 feet				
14						
15						
16						

Notes: End of boring at 12 feet.
Groundwater not encountered.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB140**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Martin Brogie, AKRF

Drilling			
Start		**Finish**	
Time:	15:10	**Time:**	15:25
Date	December 29, 2010		
Weather:	Cloudy, ~25 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	31	0 - 2": ASPHALT. 2 - 8": Red/brown m SAND. 8 - 31": Dark brown f SAND and SILT, some Wood, Coal, Brick (FILL).	None	ND	None	
2						
3						
4						
5	25	WOOD, some Brick, Coal, Gravel (FILL).	None	ND	None	
6						
7						
8						
9	39	Top 5": Dark brown f SAND and GRAVEL, some Wood and Brick (FILL). Bottom 34": Orange, mottled f-m SAND and GRAVEL, some crushed Rock.	None	ND	None	
10						
11						
12						
13		End of boring at 12 feet				
14						
15						
16						

Notes: End of boring at 12 feet.
Groundwater not encountered.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB141**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Martin Brogie, AKRF

Drilling			
Start Time:	15:25	**Finish Time:**	15:50
Date	December 29, 2010		
Weather:	Cloudy, ~25 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	36	0 - 2": ASPHALT. 2 - 9": Red brown m SAND. 9 - 22": Dark brown f SAND and WOOD, trace Brick (FILL). 22 - 36": Tan f SAND and crushed ROCK.	None	ND	None	
5	31	Top 15": Brown f SAND and GRAVEL, trace Coal, Wood (FILL). Bottom 16": Orange f SAND, GRAVEL, and Crushed ROCK.	None	ND	None	
9	0	No Recovery.				GDC-SB-141 (6-8)
13		End of boring at 12 feet.				

Notes: End of boring at 12 feet.
Groundwater not encountered.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB142**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Martin Brogie, AKRF

Drilling		
Start Time:		**Finish Time:**
Date	December 29, 2010	
Weather:	Cloudy, ~25 degrees F	

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	41	0 - 2": ASPHALT. 2- 7 ": Red/brown m SAND. 7 - 27": Dark brown f SAND and WOOD, trace Brick, Ash (FILL). 27 - 32": Crushed ROCK. 32 - 41": Grey f SAND and ASH, trace Brick (FILL).	None	ND	None	
2						
3						
4						
5	39	0 - 5": WOOD (FILL). 5 - 14": BRICK (FILL). 14-17": Dark brown and black f SAND and GRAVEL, trace Ash (FILL). 17 - 30": Brown f-m SAND and GRAVEL. 30 - 32": Crushed BOILER BRICK. 32 - 39": Dark brown f SAND, trace Ash, Brick (FILL).	None	ND	None	
6						
7						
8						GDC-SB-142 (6-8)
9	26	Brown f SAND, some Wood, Brick, Ash, Coal. (Wet ash lens from 13 - 21").	None	ND	None	
10						
11						
12						GDC-SB-142 (10-12)
13	39	0 - 9": Brown f SAND and BRICK. 9 - 30": Black f SAND. 30 - 39": Grey and orange mottled SAND and GRAVEL (wet).	None	ND 10.3 ND	None	
14						
15						GDC-SB-142 (13-15)
16						

Notes: End of boring at 16 feet.

Groundwater encountered at ~15 feet.

ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB143**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Martin Brogie, AKRF

Drilling

Start		**Finish**	
Time:	16:30	**Time:**	16:46
Date	December 29, 2010		
Weather:	Cloudy, ~25 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	26	0 - 2": ASPHALT. 2 - 9": Orange m SAND. 9 - 14": Black f SAND and GRAVEL, some Coal Fragments (FILL). 14 - 26": Brown f SAND and SILT, trace Ash (FILL).	None	ND	None	
2						
3						
4						
5	14	Brown f SAND and GRAVEL, some Silt.	None	ND	None	
6						
7						
8						
9	48	Top 9": Dark brown f SAND and SILT, trace Ash, Brick (FILL). Middle 33": Brown to orange f SAND and SILT (wet at 10 feet). Bottom 6": Grey and orange f SAND.	None	ND	None	
10						
11						
12						
13		End of boring at 12 feet				
14						
15						
16						

Notes: End of boring at 12 feet.
Groundwater encountered at ~10 feet.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB144**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Martin Brogie, AKRF

Drilling

Start		**Finish**	
Time:	08:15	**Time:**	08:20
Date	December 30, 2010		
Weather:	Clear, ~25 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	35	0-2": ASPHALT. 2-5": Red/brown m SAND. 5-7": Dark brown f SAND and GRAVEL. 7-35": Light brown, f-m SAND and GRAVEL.	None	ND	None	
5	34	Top 13": Light brown, f SAND and SILT, trace Gravel. Middle 4": Dark brown f SAND and SILT. Bottom 17": Orange/brown f-m SAND and GRAVEL.	None	ND	None	
9	48	Top 9": Light brown m-c SAND and GRAVEL. Middle 14": Crushed ROCK. Bottom 25": Orange/brown f-m SAND and GRAVEL.	None	ND	None	
13		End of boring at 12 feet.				

Notes: End of boring at 12 feet.
Groundwater not encountered.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB145**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Martin Brogie, AKRF

Drilling

Start		**Finish**	
Time:	08:45	**Time:**	09:15
Date	December 30, 2010		
Weather:	Clear, ~25 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	44	0-2": ASPHALT. 2-11": Dark brown and black f SAND, some Silt, Gravel, Ash, Brick (FILL). 11-22": Crushed ROCK. 22-44": Orange/brown f SAND, some Ash, Brick (FILL).	None	ND	None	
2						
3						
4						
5	42	Top 31": Brown m SAND and ASH (FILL). Bottom 11": Orange/brown f SAND and GRAVEL.	None	ND	None	
6						
7						
8						
9	32	Top 11": Orange/brown f SAND (wet). Bottom 21": Crushed ROCK, some orange/brown f SAND (wet).	None	ND	None	GDC-SB-145 (7-9)
10						
11						
12						
13		End of boring at 12 feet				
14						
15						
16						

Notes: End of boring at 12 feet.
Groundwater encountered at ~8 feet.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB146**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Martin Brogie, AKRF

Drilling

Start		**Finish**	
Time:	09:21	**Time:**	09:34
Date	December 30, 2010		
Weather:	Clear, ~25 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	36	Top 1": ASPHALT. Middle 8": Red/brown m SAND. Bottom 27": Brown m SAND and GRAVEL, some Coal Ash (FILL).	None	ND	None	GDC-SB-146 (2-4)
5	42	Top 6": Brown m SAND and GRAVEL, some Coal Ash (FILL). Bottom 36": Red/brown f SAND, trace Gravel.	None	ND	None	
9		End of boring at 8 feet				
13						

Notes: End of boring at 8 feet
Groundwater not encountered
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB147**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Martin Brogie, AKRF

Drilling			
Start Time:	09:34	**Finish Time:**	09:55
Date	December 30, 2010		
Weather:	Clear, ~25 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	36	0-2": ASPHALT. 2-8": Red/brown m SAND. 8-12": Black f-m SAND and GRAVEL, some Brick, Coal Ash (FILL). 12-36": Red/brown f-m SAND and GRAVEL, some Brick, Ash. (FILL)	None	ND	None	
5	18	Top 12": Dark brown and black f SAND and GRAVEL, some Ash, Brick (FILL). Bottom 6": CONCRETE (FILL).	None	ND	None	
9	37	Top 17": CONCRETE (FILL). Middle 17": Orange/brown f-m SAND and GRAVEL, some Brick (FILL). .Bottom 3": Black f-m SAND, some Coal (FILL).	None	ND	None	
13	18	Dark brown and black f-m SAND and GRAVEL, some Ash, Coal, Brick, and Porcelain (FILL) (wet).	None	ND	None	GDC-SB-147 (13-15)

Notes: End of boring at 16 feet.

Groundwater encountered at ~12 feet.

ND=not detected.

SOIL BORING LOG

GDC - Naugatuck
AKRF Project Number: 91065

Boring No. **SB148**
Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Martin Brogie, AKRF

Drilling			
Start		**Finish**	
Time:	10:20	**Time:**	10:58
Date	December 30, 2010		
Weather:	Clear, ~25 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	25	Top 2": ASPHALT.	None	ND	None	
2		Middle 13": Black f SAND and GRAVEL, some Coal Ash, Brick (FILL).				
3		Bottom 10": Orange/brown f SAND, some Coal, Brick (FILL).				
4						
5	27	Orange/brown f SAND, some Coal, Brick (FILL).	None	ND	None	
6						
7						
8						
9	26	Top 16": Orange/brown f SAND, some Coal, Brick (FILL).	None	ND	None	GDC-SB-148 (9-11)
10		Middle 5": Black f SAND and SILT, some Roots.	Moderate Petroleum Odor	0.2		
11		Bottom 5": Black/grey f SAND and SILT.	Moderate Petroleum Odor	0.3		
12						
13	25	Top 14": Black/grey f SAND and SILT (wet).	Moderate Petroleum Odor	1.2	None	GDC-SB-148 (13-15)
14						
15		Bottom 11": Brown f-m SAND and GRAVEL (wet).	None	ND		
16						

Notes: End of boring at 16 feet.
Groundwater encountered at ~12 feet.
ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB149**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Martin Brogie, AKRF

Drilling

Start		**Finish**	
Time:	10:58	**Time:**	11:35
Date	December 30, 2010		
Weather:	Clear, ~25 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	38	0-2": ASPHALT. 2-14": Red/brown m SAND. 14-28": Orange m SAND and GRAVEL. 28-38": Grey/black and orange mottled f SAND and GRAVEL, some Coal Ash (FILL).	None	ND	None	
5	32	0-19": Dark brown m SAND, GRAVEL, BRICK, and ASH (FILL).	None	ND 0.2 3.8 ND	None	GDC-SB-149 (6-8)
9	36	Top 18": Dark brown f SAND, GRAVEL, COAL ASH, and BRICK (FILL). Middle 6": BRICK. Bottom 12": Black f SAND and GRAVEL, some Ash, Orangeburg Pipe (FILL).	None	ND	None	
13	44	Top 21": Black f SAND and SILT (wet). Bottom 23": Brown m-c SAND and GRAVEL with orange mottling (wet).	None	1.2 ND	None	GDC-SB-149 (12-14)

Notes: End of boring at 16 feet.

Groundwater encountered at ~12 feet.

ND=not detected.

SOIL BORING LOG

GDC - Naugatuck

AKRF Project Number: 91065

Boring No. **SB150**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Direct-Push
Sampling Method:	Macrocore
Driller :	Haz-Probe
Sampler:	Martin Brogie, AKRF

Drilling

Start		**Finish**	
Time:	11:35	**Time:**	12:15
Date	December 30, 2010		
Weather:	Clear, ~25 degrees F		

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	46	0-2": ASPHALT. 2-12": Red/brown m SAND. 12-17": CONCRETE. 17-16": Orange/brown f SAND and GRAVEL, some Coal Ash (FILL).	None	ND	None	
5	26	Top 3": Orange/brown f SAND and GRAVEL, some Coal Ash. Bottom 24": Orange/brown f SAND (crushed Rock in tip).	None	ND	None	
9	41	Top 7": Crushed ROCK. Bottom 34": Orange/light brown mottled m SAND (wet).	None	ND	None	
13		End of boring at 12 feet				

Notes: End of boring at 12 feet.
Groundwater encountered at ~9 feet.
ND=not detected.

APPENDIX D
TEST PIT LOGS

TEST PIT LOG

GDC - Naugatuck

AKRF Project Number: 91065

Test Pit No. **TP01**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Excavation Method: Cat Model 312B Excavator
Sampling Method: Grab
Excavator: True Blue Environmental
Sampler: Steve Grens, AKRF

Drilling
Start Time: 11:08
Finish Time: 11:40
Date November 30, 2010
Weather: Cloudy, ~40 degrees F

Depth (feet)	Surface Condition: Topsoil	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	Brown f SAND and COBBLES, some Silt, Asphalt, Fiberglass (FILL).	None	ND	None	
2					
3	Brown f SAND and COBBLES, some Silt, trace Wire, Asphalt, Rebar (FILL). Concrete footing at 4 feet. Moved excavation north/northeast.				
4					GDC-TP-01 (2-4)
5	Brown f SAND and COBBLES, some Silt, trace Wire, Asphalt, Rebar (FILL).	None	ND	None	
6					
7					GDC-TP-01 (6-7)
8	End of test pit at 7 feet (encountered brick manhole).				
9					
10					
11					
12					
13					
14					
15					
16					

Notes: End of test pit at 7 feet.
Groundwater not encountered.
ND=not detected.

TEST PIT LOG

GDC - Naugatuck

AKRF Project Number: 91065

Test Pit No. **TP02**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Excavation Method: Cat Model 312B Excavator
Sampling Method: Grab
Excavator: True Blue Environmental
Sampler: Steve Grens, AKRF

Drilling
Start Time: 09:05
Finish Time: 10:40
Date November 30, 2010
Weather: Cloudy, ~40 degrees F

Depth (feet)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	ASPHALT and ROAD BASE.				
2	Brown f SAND and SILT, some Cobbles.	None	ND	None	
3	Light brown SAND and SILT, little f Gravel.				
4					
5					
6	Light brown/grey SAND and SILT, trace f Gravel.	None	ND	None	
7					
8					
9					
10	Grey SAND and SILT, trace f Gravel.	None	ND	None	
11					
12					
13					
14	Brown SAND, SILT, and f GRAVEL (unsorted), trace Organics (roots).	None	ND	None	
15					
16	End of test pit at 15 feet.				

Notes: End of test pit at 15 feet.
Groundwater not encountered.
ND=not detected.

TEST PIT LOG

GDC - Naugatuck

AKRF Project Number: 91065

Test Pit No. **TP03**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Excavation Method: Cat Model 312B Excavator
Sampling Method: Grab
Excavator: True Blue Environmental
Sampler: Steve Grens, AKRF

Drilling
Start Time: 13:20
Finish Time: 14:20
Date November 30, 2010
Weather: Cloudy, ~40 degrees F

Depth (feet)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	ASPHALT.	None	ND	None	
2	BRICK, METAL, CONCRETE, WOOD, ASPHALT, PIPE, REBAR, and WIRE (FILL).				
3	BRICK, METAL, CONCRETE, WOOD, ASPHALT, PIPE, REBAR, and WIRE (FILL).				
4					GDC-TP-03 (2-4)
	CONCRETE.				
5	Concrete slab at 4.5 feet. End of test pit at 4.5 feet.				
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

Notes: End of test pit at 4.5 feet.
Groundwater not encountered.
ND=not detected.

TEST PIT LOG

GDC - Naugatuck

AKRF Project Number: 91065

Test Pit No. **TP03A**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Excavation Method: Cat Model 312B Excavator
Sampling Method: Grab
Excavator: True Blue Environmental
Sampler: Steve Grens, AKRF

Drilling
Start Time: 14:45
Finish Time: 15:35
Date November 30, 2010
Weather: Cloudy, ~40 degrees F

Surface Condition: Asphalt

Depth (feet)		Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1 – 4	BRICK, CONCRETE, ASPHALT, STEEL, WIRE, and WOOD (FILL).	None	ND	None	
5 – 10	BRICK and CONCRETE, some brown and grey Sand, Silt, f Gravel, Cobbles (FILL).	None	ND	None	
11 – 12	Light brown, SAND and SILT, some f Gravel (dry).	None	ND	None	GDC-TP-03A (10-12)
13	Light brown SAND and GRAVEL (outwash, canal bed, moist).	None	ND	None	
14 – 16	End of test pit at 13 feet.				

Notes: End of test pit at 13 feet.
Groundwater not encountered.
ND=not detected.

TEST PIT LOG

GDC - Naugatuck

AKRF Project Number: 91065

Test Pit No. **TP04**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Excavation Method: Cat Model 330C Excavator
Sampling Method: Grab
Excavator: True Blue Environmental
Sampler: Steve Grens, AKRF

Drilling
Start Time: 12:35 **Finish Time:** 13:40
Date December 2, 2010
Weather: Clear, ~38 degrees F

Depth (feet)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	BRICK, some red/brown f Sand, Silt, Gravel (FILL).	None	1.3	None	GDC-TP-04 (0-2)
2					
3	BRICK, STEEL, CONCRETE, FIBERGLASS, REBAR, WOOD (FILL).		0.2		
4					
5		None	0.6	None	
6	BRICK, STEEL, REBAR, CONCRETE, FIBERGLASS, REBAR, WOOD (FILL).				
7			0.8		
8					GDC-TP-04 (6-8)
9	Concrete floor slab at 8 feet. End of test pit at 8 feet.				
10					
11					
12					
13					
14					
15					
16					

Notes: End of test pit at 8 feet.
Groundwater not encountered.
ND=not detected.

TEST PIT LOG

GDC - Naugatuck

AKRF Project Number: 91065

Test Pit No. **TP05**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Excavation Method: Cat Model 312B Excavator
Sampling Method: Grab
Excavator: True Blue Environmental
Sampler: Steve Grens, AKRF

Drilling
Start Time: 07:35 **Finish Time:** 08:46
Date December 1, 2010
Weather: Rain, Windy, ~56 degrees F

Depth (feet)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	WOOD, METAL, TILE, ASPHALT, and BRICK, some brown f Sand, trace Silt, Gravel (FILL).	Creosote Odor on Wood	1.2	None	
2					
3			1.4		
4					GDC-TP-05 (2-4)
5	CONCRETE (floor slab/footing). Extend test pit to the north.	None	ND	None	
6	WOOD, METAL, TILE, ASPHALT, and BRICK, some brown f Sand, trace Silt, Gravel (FILL).		0.8		
7					
8					
9	Brown f SAND, SILT, and COBBLES.	None	ND	None	
10					
11	Light brown c SAND and GRAVEL (outwash, canal bed), trace Silt.				
12					
13	Brown f SAND, SILT, and COBBLES.	None	ND	None	
14	End of test pit at 14 feet.				
15					
16					

Notes: End of test pit at 14 feet.
Groundwater not encountered.
ND=not detected.

TEST PIT LOG

GDC - Naugatuck

AKRF Project Number: 91065

Test Pit No. **TP06**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Excavation Method: Cat Model 312B Excavator
Sampling Method: Grab
Excavator: True Blue Environmental
Sampler: Steve Grens, AKRF

Drilling
Start Time: 12:25
Finish Time: 13:20
Date December 1, 2010
Weather: Rain, Windy, ~56 degrees F

Surface Condition: Asphalt

Depth (feet)		Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	BRICK (FILL).	None	ND	None	
2	METAL, BRICK, WOOD, WIRE, CONCRETE, and REBAR (FILL).				
3	METAL, BRICK, WOOD, WIRE, CONCRETE, REBAR, some brown f Sand, Silt, f Gravel (FILL).				
4					GDC-TP-06 (2-4)
5	Concrete floor slab at 4 feet. End of test pit at 4 feet.				
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

Notes: End of test pit at 4 feet.
Groundwater not encountered.
ND=not detected.

TEST PIT LOG

GDC - Naugatuck

AKRF Project Number: 91065

Test Pit No. **TP07**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Excavation Method: Cat Model 330C Excavator
Sampling Method: Grab
Excavator: True Blue Environmental
Sampler: Steve Grens, AKRF

Drilling
Start Time: 09:50 **Finish Time:** 11:05
Date December 2, 2010
Weather: Clear, ~38 degrees F

Surface Condition: Asphalt

Depth (feet)		Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	ASPHALT.				
2	BRICK, CONCRETE, TAR ROOFING, REBAR, SHEET METAL, some brown f Sand, Silt, Gravel (FILL).	None	0.2	None	
3	BRICK, STEEL, REBAR, CONCRETE, ASPHALT ROOFING, STEEL PIPE, some brown f Sand, Silt, Gravel (FILL).		0.1		
4					
5			ND		
6	BRICK, STEEL, REBAR, CONCRETE, ASPHALT ROOFING, STEEL PIPE, some brown f Sand, Silt, Gravel (FILL).	None		None	
7			0.4		
8					GDC-TP-07 (6-8)
9	Concrete floor slab at 8 feet. End of test pit at 8 feet.				
10					
11					
12					
13					
14					
15					
16					

Notes: End of test pit at 8 feet.
Groundwater not encountered.
ND=not detected.

TEST PIT LOG

GDC - Naugatuck

AKRF Project Number: 91065

Test Pit No. **TP08**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Excavation Method: Cat Model 330C Excavator
Sampling Method: Grab
Excavator: True Blue Environmental
Sampler: Steve Grens, AKRF

Drilling
Start Time: 08:10
Finish Time: 09:40
Date December 2, 2010
Weather: Clear, ~38 degrees F

Depth (feet)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	ASPHALT.	None	ND	None	
2	BRICK, CONCRETE, WIRE, some red/brown f Sand, Silt, Gravel (FILL).				
3	CONCRETE, REBAR, STEEL PIPE, I-BEAMS, WIRE, BRICK, some brown f Sand, Silt, Gravel (FILL).				
4					
5	CONCRETE, REBAR, STEEL PIPE, I-BEAMS, BRICK, some brown f Sand, Silt, Gravel (FILL).	None	ND	None	
6					GDC-TP-08 (4-6)
7	Concrete floor slab at 6 feet. End of test pit at 6 feet.				
8					
9					
10					
11					
12					
13					
14					
15					
16					

Notes: End of test pit at 6 feet.
Groundwater not encountered.
ND=not detected.

TEST PIT LOG

GDC - Naugatuck

AKRF Project Number: 91065

Test Pit No. **TP09**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Excavation Method: Cat Model 330C Excavator
Sampling Method: Grab
Excavator: True Blue Environmental
Sampler: Steve Grens, AKRF

Drilling
Start Time: 12:30 **Finish Time:** 13:20
Date December 3, 2010
Weather: Clear, ~32 degrees F

Depth (feet)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	0-2": ASPHALT.	None	ND	None	
2	2-22": Brown/red f SAND, SILT, and GRAVEL (FILL).				
3	22-24": ASPHALT.				
4	24-36": Light brown SAND and GRAVEL.				
5	36-48": BRICK and ASPHALT, some brown f Sand, Gravel, Ash, Coal Slag, Glass (FILL).				
6	ASH (FILL).	None	ND	None	
7	Light brown c SAND and GRAVEL (unsorted), some Cobbles. Steel sewer pipes encountered at 8 feet. Clay pipe encoutered at 6 feet.				
8					
9	Light brown c SAND and GRAVEL (unsorted), some Cobbles.	None	ND	None	GDC-TP-09 (7-9)
10					
11					
12					
13	Light brown c SAND and GRAVEL (unsorted), some Cobbles.	None	ND	None	
14	Endo of test pit at 13 feet.				
15					
16					

Notes: End of test pit at 13 feet.
Groundwater not encountered.
ND=not detected.

TEST PIT LOG

GDC - Naugatuck

AKRF Project Number: 91065

Test Pit No. **TP10**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Excavation Method: Cat Model 330C Excavator
Sampling Method: Grab
Excavator: True Blue Environmental
Sampler: Steve Grens, AKRF

Drilling
Start Time: 13:20 **Finish Time:** 14:00
Date December 3, 2010
Weather: Clear, ~32 degrees F

Depth (feet)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	0-2": ASPHALT.	None	ND	None	
2	2-46": BRICK, WOOD, WIRE, METAL PIPE, some brown f Sand, Silt, Gravel (FILL).		0.1		
3					
4	46-48": ASPHALT.		ND		
5	Brown f SAND, SILT, and GRAVEL, trace Brick (FILL).	None	ND	None	GDC-TP-10 (4-6)
6					
7	Light brown m-c SAND and GRAVEL (washed).				
8					
9		None	ND	None	
10	Light brown m-c SAND and GRAVEL (washed).				
11					
12					
13	Light brown m-c SAND and GRAVEL (washed, former canal bed).	None	ND	None	
14	Endo of test pit at 13 feet.				
15					
16					

Notes: End of test pit at 13 feet.
Groundwater not encountered.
ND=not detected.

TEST PIT LOG

GDC - Naugatuck

AKRF Project Number: 91065

Test Pit No. **TP11**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Excavation Method: Cat Model 312B Excavator
Sampling Method: Grab
Excavator: True Blue Environmental
Sampler: Steve Grens, AKRF

Drilling
Start Time: 09:50 **Finish Time:** 11:20
Date December 1, 2010
Weather: Rain, Windy, ~56 degrees F

Surface Condition: Asphalt

Depth (feet)		Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	BRICK, METAL, WIRE, ASPHALT, WOOD, and PLASTIC, some brown Sand, Silt, trace f Gravel (FILL).	None	0.8	None	GDC-TP-11 (0-2)
2					
3	BRICK, WOOD, CLOTH, and ASPHALT, some brown f Sand, Silt, Gravel (FILL).		ND		
4					GDC-TP-11 (2-4)
5	BRICK, WOOD, CLOTH, and ASPHALT, some brown f Sand, Silt, Gravel (FILL).	None	0.2	None	
6					
7	CONCRETE, BRICK, STEEL PIPE (8" diam), WOOD, and STEEL (FILL).		0.8		
8					GDC-TP-11 (6-8)
9	Concrete floor slab at 8 feet.				
10					
11					
12					
13					
14					
15					
16					

Notes: End of test pit at 8 feet.
Groundwater not encountered.
ND=not detected.

TEST PIT LOG

GDC - Naugatuck

AKRF Project Number: 91065

Test Pit No. **TP12**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Excavation Method: Cat Model 330C Excavator
Sampling Method: Grab
Excavator: True Blue Environmental
Sampler: Steve Grens, AKRF

Drilling
Start Time: 13:50 **Finish Time:** 15:00
Date December 2, 2010
Weather: Clear, ~38 degrees F

Depth (feet)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	Brown SAND and SILT, trace f Gravel (FILL).	None	NR	None	GDC-TP-12 (0-2)
2	Dark brown SAND, some Silt, f Gravel, Coal, Brick (FILL).				
3	WOOD, BRICK, WIRE, some brown f Sand, Silt, Gravel, Organics (roots) (FILL).				
4					
5	Dark brown SAND, SILT, and f GRAVEL.	None	NR	None	
6					
7	ASH, some Glass, Bottles, Wool, Coal Slag (FILL) (wet at 8 feet).	Petroleum Odor		Sheen on Water	
8					GDC-TP-12 (6-8)
9	ASH, some Glass, Bottles, Wool, Coal Slag (FILL).	Petroleum Odor	NR	Sheen on Water	
10					
11	ROCK, BRICK, REBAR, some brown Sand, Gravel (FILL) (wet).				
12					
13	ROCK, BRICK, REBAR, some brown Sand, Gravel (FILL) (wet).	Petroleum Odor	NR	Sheen on Water	
14					
15	End of test pit at 14 feet.				
16					

Notes: End of test pit at 14 feet.
Groundwater encountered at ~8 feet.
NR=not recorded.

TEST PIT LOG

GDC - Naugatuck

AKRF Project Number: 91065

Test Pit No. **TP13**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Excavation Method: Cat Model 330C Excavator
Sampling Method: Grab
Excavator: True Blue Environmental
Sampler: Steve Grens, AKRF

Drilling
Start Time: 11:05
Finish Time: 11:50
Date December 3, 2010
Weather: Clear, ~32 degrees F

Surface Condition: Asphalt

Depth (feet)		Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	0-2": ASPHALT 2-10": Light brown f SAND, SILT, and f GRAVEL. 10-12": ASPHALT. 12-48": WOOD, BRICK, WIRE, PLASTIC, METAL PIPE, some dark brown f Sand, Silt, f Gravel (FILL).	None	ND	None	GDC-TP-13 (2-4)
2					
3					
4					
5	WOOD, BRICK, WIRE, PLASTIC, METAL PIPE, some dark brown f Sand, Silt, f Gravel (FILL).	None	ND	None	
6	Light brown c SAND, GRAVEL, and COBBLES.				
7					
8					
9	Light brown c SAND, GRAVEL, and COBBLES.	None	ND	None	
10					
11					
12					
13	Light brown c SAND, GRAVEL, and COBBLES.	None	ND	None	
14					
15	End of test pit at 14 feet.				
16					

Notes: End of test pit at 14 feet.
Groundwater not encountered.
ND=not detected.

TEST PIT LOG

GDC - Naugatuck

AKRF Project Number: 91065

Test Pit No. **TP14**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Excavation Method: Cat Model 330C Excavator
Sampling Method: Grab
Excavator: True Blue Environmental
Sampler: Steve Grens, AKRF

Drilling
Start Time: 08:06 **Finish Time:** 09:15
Date December 3, 2010
Weather: Clear, ~32 degrees F

Surface Condition: Asphalt

Depth (feet)		Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	ASPHALT.	None	ND	None	
2	BRICK, WIRE, WOOD, METAL, CLAY PIPE (FILL).				
3					
4					GDC-TP-14 (0-2)
5	BRICK, WIRE, WOOD, METAL, CLAY PIPE (FILL). (Old sewer line at 6.5 feet.)	None	ND	None	
6					
7	Brown c SAND and GRAVEL, trace Silt (native).				
8					
9		None	ND	None	GDC-TP-14 (7-9)
10	Brown c SAND and GRAVEL, trace Silt (native).				
11					
12					
13	End of test pit at 12 feet.				
14					
15					
16					

Notes: End of test pit at 12 feet.
Groundwater not encountered.
ND=not detected.

TEST PIT LOG

GDC - Naugatuck

AKRF Project Number: 91065

Test Pit No. **TP15**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Excavation Method: Cat Model 330C Excavator
Sampling Method: Grab
Excavator: True Blue Environmental
Sampler: Steve Grens, AKRF

Drilling
Start Time: 07:10
Finish Time: 08:06
Date December 3, 2010
Weather: Clear, ~32 degrees F

Depth (feet)	Surface Condition: Asphalt	Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	ASPHALT.	None	ND	None	GDC-TP-15 (0-2)
2	Light brown f SAND, SILT, and GRAVEL, some Wood, Brick (FILL).				
3	WOOD, METAL, BRICK, CONCRETE, 12" Clay Pipe (FILL).				
4					
5	WOOD, METAL, BRICK, CONCRETE (FILL).	None	ND	None	
6					
7	ASH, some Glass, Coal Slag (FILL).				GDC-TP-15 (6-8)
8					
9	ASH, some Glass, Coal Slag (FILL).	None	ND	None	
10					
11		Petroleum-like Odor on Water		Sheen on Water	
12					
13	BRICK, REBAR, CLAY PIPE, BOULDERS (FILL).	Petroleum-like Odor on Water	0.3	Sheen on Water	
14					
15					
16	End of test pit at 15 feet.				

Notes: End of test pit at 15 feet.
Groundwater encountered at ~11 feet.
ND=not detected.

TEST PIT LOG

GDC - Naugatuck

AKRF Project Number: 91065

Test Pit No. **TP16**

Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Excavation Method: Cat Model 330C Excavator
Sampling Method: Grab
Excavator: True Blue Environmental
Sampler: Steve Grens, AKRF

Drilling
Start Time: 10:03 **Finish Time:** 11:05
Date December 3, 2010
Weather: Clear, ~32 degrees F

Surface Condition: Asphalt

Depth (feet)		Odor	PID (ppm)	NAPL	Samples Collected for Lab Analysis
1	0-2": ASPHALT 2-8": Light brown f SAND, SILT, and f GRAVEL. 8-10": ASPHALT. 10-24": ASPHALT, CONCRETE, BRICK WALLS, STEEL (FILL).	None	ND	None	
2					
3	BRICK, CONCRETE, STEEL PIPE, some brown f Sand, Silt, Gravel (FILL).				
4					
5	Brown f SAND and GRAVEL, some Silt.	None	ND	None	GDC-TP-16 (4-6)
6					
7	Light brown c SAND and GRAVEL (unsorted, washed).				
8					
9		None	ND	None	
10	Light brown c SAND and GRAVEL (unsorted, washed).				
11					
12					
13		None	ND	None	
14	Light brown c SAND and GRAVEL (unsorted, washed). 8" clay sewer line at 13 feet.				
15					
16	End of test pit at 15 feet.				

Notes: End of test pit at 15 feet.
Groundwater not encountered.
ND=not detected.

APPENDIX E
MONITORING WELL CONSTRUCTION LOGS

Monitoring Well Construction Log

GDC-Naugatuck
AKRF Project Number : 91065

Well No. MW101
Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Hollow Stem Auger (CME-75)
Sampling Method:	N/A
Driller:	Glacier Drilling
Weather:	Clear, ~20 deg F
Field Supervisor:	Glen Stefaniak, AKRF

Drilling

Start	**Finish**
Time: 09:46	**Time:** 11:40
Date: 12/09/10	**Date:** 12/09/10

Depth (Feet)	Well Construction	Surface Condition: Asphalt
0		**EXISTING GRADE**
-1	**Concrete Seal and Steel Roadbox**	
-2		
-3	**No. 2 Sand: 0.5 fbgs - 8 fbgs**	
-4		
-5	**2" x 12' SCH 40 PVC Riser: grade - 12 fbgs**	
-6		
-7		
-8		
-9	**Bentonite: 8 fbgs - 10 fbgs**	
-10		
-11	**No. 2 Sand: 10 fbgs - 22 fbgs**	
-12		
-13		
-14		
-15	**2" x 10' SCH 40 PVC 0.010-Slotted Screen: 12 fbgs - 22 fbgs**	
-16		
-17		
-18		
-19		
-20		
-21		
-22		
-23		

Notes:

Groundwater measured at 14.03 fbtoc on December 29, 2010.
fbgs - feet below ground surface
fbtoc - feet below top of casing
▼ Groundwater level indicator.

Monitoring Well Construction Log

GDC-Naugatuck
AKRF Project Number : 91065

Well No. MW102
Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Hollow Stem Auger (CME-75)	**Drilling**	
Sampling Method:	N/A	**Start**	**Finish**
Driller:	Glacier Drilling	**Time:** 11:40	**Time:** 13:45
Weather:	Clear, ~20 deg F	**Date:** 12/09/10	**Date:** 12/09/10
Field Supervisor:	Glen Stefaniak, AKRF		

Depth (Feet)	Well Construction	Surface Condition: Asphalt
0		**EXISTING GRADE**
-1	**Concrete Seal and Steel Roadbox**	
-2		
-3	**No. 2 Sand: 0.5 fbgs - 8 fbgs**	
-4		
-5	**2" x 12' SCH 40 PVC Riser: grade - 12 fbgs**	
-6		
-7		
-8		
-9	**Bentonite: 8 fbgs - 10 fbgs**	
-10		
-11	**No. 2 Sand: 10 fbgs - 22 fbgs**	
-12		
-13		
-14		
-15	**2" x 10' SCH 40 PVC 0.010-Slotted Screen: 12 fbgs - 22 fbgs**	
-16		
-17		
-18		
-19		
-20		
-21		
-22		
-23		

Notes:

Groundwater measured at 14.03 fbtoc on December 29, 2010.
fbgs - feet below ground surface
fbtoc - feet below top of casing
▼ Groundwater level indicator.

Monitoring Well Construction Log	GDC-Naugatuck AKRF Project Number : 91065		Well No. MW103 Sheet 1 of 1	
AKRF 700 Main Street, Suite C, Willimantic, CT Phone (860) 423-7127 Fax (860) 423-7166	Drilling Method:	Hollow Stem Auger (CME-75)	**Drilling**	
	Sampling Method:	N/A	**Start**	**Finish**
	Driller:	Glacier Drilling	**Time:** 08:17	**Time:** 09:46
	Weather:	Clear, ~20 deg F	**Date:** 12/09/10	**Date:** 12/09/10
	Field Supervisor:	Glen Stefaniak, AKRF		

Depth (Feet)	Well Construction	Surface Condition: Asphalt
0		EXISTING GRADE
-1	Concrete Seal and Steel Roadbox	
-2		
-3	No. 2 Sand: 0.5 fbgs - 7 fbgs	
-4		
-5	2" x 9' SCH 40 PVC Riser: grade - 9 fbgs	
-6		
-7		
-8	Bentonite: 7 fbgs - 9 fbgs	
-9		
-10		
-11	No. 2 Sand: 9 fbgs - 21 fbgs	
-12		
-13		
-14	2" x 10' SCH 40 PVC 0.010-Slotted Screen: 11 fbgs - 21 fbgs	
-15	▼	
-16		
-17		
-18		
-19		
-20		
-21		
-22		
-23		

Notes:

Groundwater measured at 15.18 fbtoc on December 28, 2010.
fbgs - feet below ground surface
fbtoc - feet below top of casing
▼ Groundwater level indicator.

Monitoring Well Construction Log

GDC-Naugatuck
AKRF Project Number : 91065

Well No. MW104
Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Hollow Stem Auger (CME-75)	**Drilling**	
Sampling Method:	N/A	**Start**	**Finish**
Driller:	Glacier Drilling	**Time:** 08:45	**Time:** 14:20
Weather:	Clear, ~20 deg F	**Date:** 12/10/10	**Date:** 12/13/10
Field Supervisor:	Steve Grens & Glen Stefaniak, AKRF		

Depth (Feet)	Well Construction	Surface Condition: Asphalt
0		**EXISTING GRADE**
-1		**Concrete Seal and Steel Roadbox**
-2		**No. 2 Sand: 0.5 fbgs - 2 fbgs**
-3		**Washed 0.5-inch Peastone: 1 fbgs - 6 fbgs**
-4		
-5		**2" x 10' SCH 40 PVC Riser: grade - 10 fbgs**
-6		
-7		**Bentonite: 6 fbgs - 8 fbgs**
-8		
-9		
-10		
-11		**Washed 0.5-inch Peastone: 8 fbgs - 20 fbgs**
-12		
-13	▽	
-14		**2" x 10' SCH 40 PVC 0.010-Slotted Screen: 10 fbgs - 20 fbgs**
-15		
-16		
-17		
-18		
-19		
-20		
-21		
-22		
-23		

Notes:

Groundwater measured at 12.65 fbtoc on December 29, 2010.
fbgs - feet below ground surface
fbtoc - feet below top of casing
▽ Groundwater level indicator.

Monitoring Well Construction Log

GDC-Naugatuck
AKRF Project Number : 91065

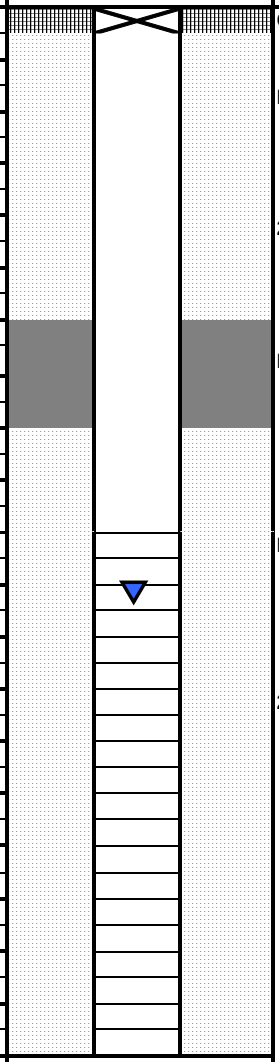
Well No. MW105
Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

		Drilling	
Drilling Method:	Hollow Stem Auger (CME-75)	**Start**	**Finish**
Sampling Method:	N/A	**Time:** 10:32	**Time:** 12:21
Driller:	Glacier Drilling	**Date:** 12/13/10	**Date:** 12/13/10
Weather:	Cloudy, Drizzle, ~50 deg F		
Field Supervisor:	Glen Stefaniak, AKRF		

Depth (Feet) | **Well Construction** | **Surface Condition: Asphalt**

0 — **EXISTING GRADE**



Concrete Seal and Steel Roadbox

No. 2 Sand: 0.5 fbgs - 6 fbgs

2" x 10' SCH 40 PVC Riser: grade - 10 fbgs

Bentonite: 6 fbgs - 8 fbgs

No. 2 Sand: 8 fbgs - 20 fbgs

2" x 10' SCH 40 PVC 0.010-Slotted Screen: 10 fbgs - 20 fbgs

Notes:

Groundwater measured at 11.40 fbtoc on December 28, 2010.
fbgs - feet below ground surface
fbtoc - feet below top of casing
▼ Groundwater level indicator.

Monitoring Well Construction Log

GDC-Naugatuck
AKRF Project Number : 91065

Well No. MW106
Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

Drilling Method:	Hollow Stem Auger (CME-75)
Sampling Method:	N/A
Driller:	Glacier Drilling
Weather:	Clear, ~20 deg F
Field Supervisor:	Steve Grens, AKRF

Drilling

Start	**Finish**
Time: 11:00	**Time:** 13:00
Date: 12/10/10	**Date:** 12/10/10

Depth (Feet)	**Well Construction**	**Surface Condition: Asphalt**
0		**EXISTING GRADE**
-1		**Concrete Seal and Steel Roadbox**
-2		
-3		**No. 2 Sand: 0.5 fbgs - 9 fbgs**
-4		
-5		**2" x 13' SCH 40 PVC Riser: grade - 13 fbgs**
-6		
-7		
-8		
-9		
-10		**Bentonite: 9 fbgs - 11 fbgs**
-11		
-12		
-13		**No. 2 Sand: 11 fbgs - 23 fbgs**
-14	▽	
-15		
-16		**2" x 10' SCH 40 PVC 0.010-Slotted Screen: 13 fbgs - 23 fbgs**
-17		
-18		
-19		
-20		
-21		
-22		
-23		

Notes:

Groundwater measured at 14.26 fbtoc on December 29, 2010.
fbgs - feet below ground surface
fbtoc - feet below top of casing
▽ Groundwater level indicator.

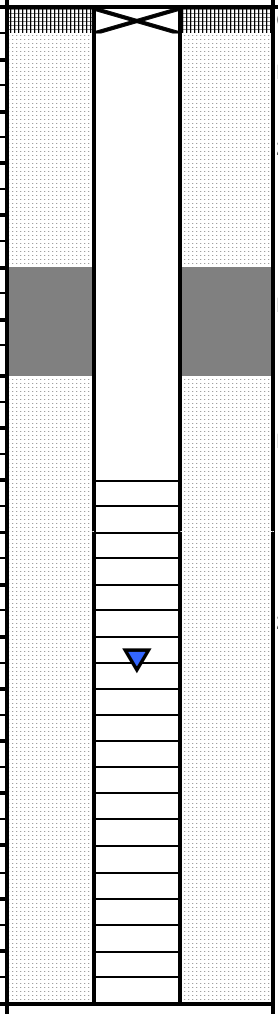
Monitoring Well Construction Log	GDC-Naugatuck AKRF Project Number : 91065		Well No. MW107 Sheet 1 of 1	
AKRF 700 Main Street, Suite C, Willimantic, CT Phone (860) 423-7127 Fax (860) 423-7166	Drilling Method:	Hollow Stem Auger (CME-75)	**Drilling**	
	Sampling Method:	N/A	**Start**	**Finish**
	Driller:	Glacier Drilling	**Time:** 11:41	**Time:** 13:04
	Weather:	Cloudy, Drizzle, ~50 deg F	**Date:** 12/13/10	**Date:** 12/13/10
	Field Supervisor:	Glen Stefaniak, AKRF		

Depth (Feet)	Well Construction	Surface Condition: Asphalt
0		EXISTING GRADE
-1		Concrete Seal and Steel Roadbox
-2		No. 2 Sand: 0.5 fbgs - 6 fbgs
-3		
-4		
-5		2" x 10' SCH 40 PVC Riser: grade - 10 fbgs
-6		
-7		Bentonite: 6 fbgs - 8 fbgs
-8		
-9		
-10		
-11		No. 2 Sand: 8 fbgs - 20 fbgs
-12		
-13		
-14		2" x 10' SCH 40 PVC 0.010-Slotted Screen: 10 fbgs - 20 fbgs
-15		
-16		
-17		
-18		
-19		
-20		
-21		
-22		
-23		

Notes:

Groundwater measured at 12.29 fbtoc on December 29, 2010.
fbgs - feet below ground surface
fbtoc - feet below top of casing
▼ Groundwater level indicator.

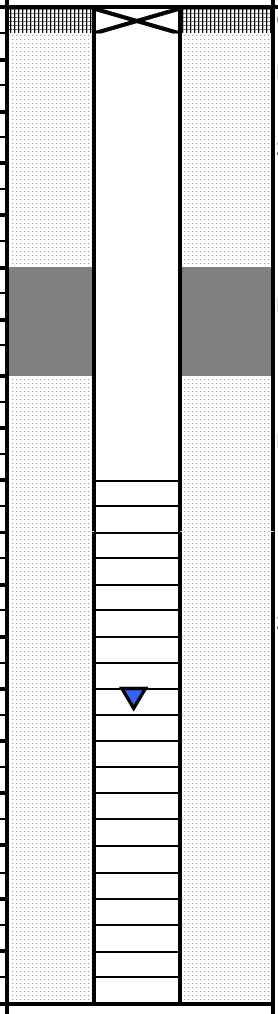
Monitoring Well Construction Log	GDC-Naugatuck AKRF Project Number : 91065		Well No. MW108 Sheet 1 of 1	
AKRF 700 Main Street, Suite C, Willimantic, CT Phone (860) 423-7127 Fax (860) 423-7166	Drilling Method:	Hollow Stem Auger (CME-75)	**Drilling**	
	Sampling Method:	N/A	**Start**	**Finish**
	Driller:	Glacier Drilling	**Time:** 10:45	**Time:** 12:10
	Weather:	Clear, ~25 deg F	**Date:** 12/17/10	**Date:** 12/17/10
	Field Supervisor:	Martin Brogie, AKRF		

Depth (Feet)	Well Construction	Surface Condition: Asphalt
0		EXISTING GRADE
-1		Concrete Seal and Steel Roadbox
-2		No. 2 Sand: 0.5 fbgs - 5 fbgs
-3		2" x 9' SCH 40 PVC Riser: grade - 9 fbgs
-4		
-5		
-6		Bentonite: 5 fbgs - 7 fbgs
-7		
-8		No. 2 Sand: 7 fbgs - 19 fbgs
-9		
-10		
-11		
-12		2" x 10' SCH 40 PVC 0.010-Slotted Screen: 9 fbgs - 19 fbgs
-13		
-14		
-15		
-16		
-17		
-18		
-19		
-20		
-21		
-22		
-23		

Notes:

Groundwater measured at 12.69 fbtoc on December 30, 2010.
fbgs - feet below ground surface
fbtoc - feet below top of casing
▼ Groundwater level indicator.

Monitoring Well Construction Log	GDC-Naugatuck AKRF Project Number : 91065		Well No. MW109 Sheet 1 of 1	
AKRF 700 Main Street, Suite C, Willimantic, CT Phone (860) 423-7127 Fax (860) 423-7166	Drilling Method:	Hollow Stem Auger (CME-75)	**Drilling**	
	Sampling Method:	N/A	**Start**	**Finish**
	Driller:	Glacier Drilling	**Time:** 08:41	**Time:** 11:05
	Weather:	Clear, ~25 deg F	**Date:** 12/17/10	**Date:** 12/17/10
	Field Supervisor:	Martin Brogie, AKRF		

Depth (Feet)	Well Construction	Surface Condition: Asphalt
0		**EXISTING GRADE**
-1		**Concrete Seal and Steel Roadbox**
-2		**No. 2 Sand: 0.5 fbgs - 5 fbgs**
-3		**2" x 9' SCH 40 PVC Riser: grade - 9 fbgs**
-4		
-5		
-6		**Bentonite: 5 fbgs - 7 fbgs**
-7		
-8		**No. 2 Sand: 7 fbgs - 19 fbgs**
-9		
-10		
-11		
-12		**2" x 10' SCH 40 PVC 0.010-Slotted Screen: 9 fbgs - 19 fbgs**
-13		
-14		
-15		
-16		
-17		
-18		
-19		
-20		
-21		
-22		
-23		

Notes:

Groundwater measured at 13.47 fbtoc on December 29, 2010.
fbgs - feet below ground surface
fbtoc - feet below top of casing
▼ Groundwater level indicator.

Monitoring Well Construction Log

GDC-Naugatuck
AKRF Project Number : 91065

Well No. MW110
Sheet 1 of 1

AKRF
700 Main Street, Suite C, Willimantic, CT
Phone (860) 423-7127 Fax (860) 423-7166

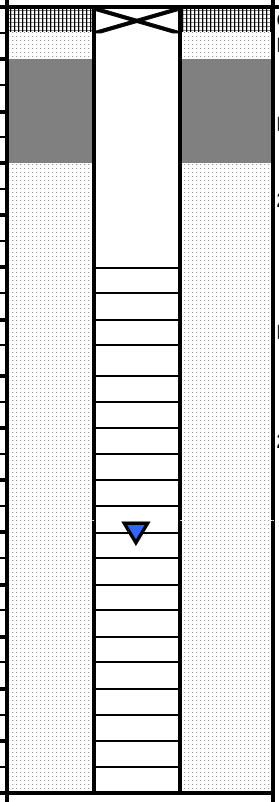
Drilling Method:	Hollow Stem Auger (CME-75)
Sampling Method:	N/A
Driller:	Glacier Drilling
Weather:	Clear, ~20 deg F
Field Supervisor:	Glen Stefaniak, AKRF

Drilling

Start	**Finish**
Time: 14:37	**Time:** 15:40
Date: 12/09/10	**Date:** 12/09/10

Depth (Feet) | **Well Construction** | **Surface Condition: Asphalt**

0 — **EXISTING GRADE**



Concrete Seal and Steel Roadbox
No. 2 Sand: 0.5 fbgs - 1 fbgs

Bentonite: 1 fbgs - 3 fbgs

2" x 5' SCH 40 PVC Riser: grade - 5 fbgs

No. 2 Sand: 3 fbgs - 15 fbgs

2" x 10' SCH 40 PVC 0.010-Slotted Screen: 5 fbgs - 15 fbgs

Notes:

Groundwater measured at 10.36 fbtoc on December 29, 2010.
fbgs - feet below ground surface
fbtoc - feet below top of casing
▽ Groundwater level indicator.

Monitoring Well Construction Log	GDC-Naugatuck AKRF Project Number : 91065		Well No. MW111 Sheet 1 of 1	
AKRF 700 Main Street, Suite C, Willimantic, CT Phone (860) 423-7127 Fax (860) 423-7166	Drilling Method:	Hollow Stem Auger (CME-75)	**Drilling**	
	Sampling Method:	N/A	**Start**	**Finish**
	Driller:	Glacier Drilling	**Time:** 13:50	**Time:** 15:10
	Weather:	Cloudy, Drizzle, ~50 deg F	**Date:** 12/13/10	**Date:** 12/13/10
	Field Supervisor:	Glen Stefaniak, AKRF		

Depth (Feet)	Well Construction	Surface Condition: Asphalt
0		EXISTING GRADE
-1		Concrete Seal and Steel Roadbox
-2		No. 2 Sand: 0.5 fbgs - 4 fbgs
-3		2" x 8' SCH 40 PVC Riser: grade - 8 fbgs
-4		
-5		Bentonite: 4 fbgs - 6 fbgs
-6		
-7		
-8		
-9		No. 2 Sand: 6 fbgs - 18 fbgs
-10		
-11		
-12		2" x 10' SCH 40 PVC 0.010-Slotted Screen: 8 fbgs - 18 fbgs
-13	▼	
-14		
-15		
-16		
-17		
-18		
-19		
-20		
-21		
-22		
-23		

Notes:

Groundwater measured at 13.16 fbtoc on December 29, 2010.
fbgs - feet below ground surface
fbtoc - feet below top of casing
▼ Groundwater level indicator.

Monitoring Well Construction Log	GDC-Naugatuck AKRF Project Number : 91065		Well No. MW112 Sheet 1 of 1	
AKRF 700 Main Street, Suite C, Willimantic, CT Phone (860) 423-7127 Fax (860) 423-7166	Drilling Method:	Direct-Push (Geoprobe)	Drilling	
	Sampling Method:	N/A	Start	Finish
	Driller:	Haz-Probe	Time: 14:37	Time: 15:40
	Weather:	Clear, ~20 deg F	Date: 12/09/10	Date: 12/09/10
	Field Supervisor:	Steve Grens, AKRF		

Depth (Feet)	Well Construction	Surface Condition: Asphalt
0		EXISTING GRADE
-1		Concrete Seal and Steel Roadbox No. 2 Sand: 0.5 fbgs - 1 fbgs
-2		
-3		Bentonite: 1 fbgs - 3 fbgs
-4	▽	2" x 5' SCH 40 PVC Riser: grade - 5 fbgs
-5		
-6		No. 2 Sand: 3 fbgs - 15 fbgs
-7		
-8		
-9		2" x 10' SCH 40 PVC 0.010-Slotted Screen: 5 fbgs - 15 fbgs
-10		
-11		
-12		
-13		
-14		
-15		
-16		
-17		
-18		
-19		
-20		
-21		
-22		
-23		

Notes:

Groundwater measured at 4.07 fbtoc on December 30, 2010.
fbgs - feet below ground surface
fbtoc - feet below top of casing
▽ Groundwater level indicator.

APPENDIX F

LOW-FLOW GROUNDWATER SAMPLING LOGS

Well Sampling Log

Job No:	**91065**			**Client:**	**Borough of Naugatuck**		**Well No:** **MW02**
Project Location:	**6 Rubber Avenue, Naugatuck, CT**			**Sampled By:**	GDS		
Date:	**12/30/10**			**Sampling Time:**	10:21		
Total Depth:	25	ft. below top of casing		**Water Column:**	6.75	feet	*= 0.041 * WC for 1" wells
Depth to Water:	18.25	ft. below top of casing		**Well Volume*:**	1.1	gallons	*= 0.163 * WC for 2" wells
Depth to Product:	ND	ft. below top of casing		**Volume Purged:**	3	gallons	*= 0.653 * WC for 4" wells
Depth to top of screen:	10	ft. below top of casing		**Well Diam.:**	2	inches	Target maximum flow rate is 100-400 ml/min
Depth to bottom of screen:	25	ft. below top of casing		**Purging Device (pump type):**	Peristaltic Pump		
Approx. Pump Intake:	21.00	ft. below top of casing					

Time	**Depth to Water** (Ft.)	**Purge Rate** (ml/min)	**Temp** (^{o}C)	**Conductivity** (µS/cm)	**DO** (mg/L)	**pH**	**ORP** (mV)	**Tubidity** (NTU)	**Comments** (problems, odor, sheen)
9:35	18.25	-	-	-	-	-	-	-	Start Pumping
9:40	18.35	220	*	570	1.59	6.50	-113.2	104.0	*temperature probe not working
9:43	18.33	220	*	586	0.83	6.43	-124.5	53.6	
9:47	18.35	220	*	623	0.92	6.51	-129.0	79.5	
9:56	18.33	220	*	669	0.68	6.57	-127.9	57.9	
10:00	18.33	220	*	704	0.70	6.57	-125.2	47.3	
10:05	18.34	220	*	730	0.21	6.63	-120.5	20.4	
10:10	18.43	220	*	746	0.42	6.60	-119.6	8.8	
10:15	18.33	220	*	772	0.55	6.59	-116.5	4.7	
10:18	18.34	220	*	780	0.26	6.57	-116.7	3.6	
10:21	18.34	220	*	787	0.41	6.60	-115.8	4.3	
Stabilization Criteria:				**3%**	**10%**	**+/- 0.1 pH units**	**+/- 10 mV**	**10% for values >1 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

If water is drawn down greater than 0.3 feet, the system should be operated intermittently so that drawdown does not exceed 0.3 feet.

Groundwater samples analyzed for: ***VOCs, PAHs, ETPH, Total RSR 15 Metals, Total Cyanide, PCBs***

Well Sampling Log

Job No:	**91065**		**Client:**	**Borough of Naugatuck**	**Well No:** **MW05**
Project Location:	**6 Rubber Avenue, Naugatuck, CT**		**Sampled By:**	GDS	
Date:	**12/29/30**		**Sampling Time:**	14:38	
Total Depth:	22	ft. below top of casing	**Water Column:**	8.57 feet	*= 0.041 * WC for 1" wells
Depth to Water:	13.43	ft. below top of casing	**Well Volume*:**	2.0 gallons	*= 0.163 * WC for 2" wells
Depth to Product:	ND	ft. below top of casing	**Volume Purged:**	2 gallons	*= 0.653 * WC for 4" wells
Depth to top of screen:	7	ft. below top of casing	**Well Diam.:**	2 inches	Target maximum flow rate is 100-400 ml/min
Depth to bottom of screen:	22	ft. below top of casing	**Purging Device (pump type):**	Peristaltic Pump	
Approx. Pump Intake:	18	ft. below top of casing			

Time	**Depth to Water** (Ft.)	**Purge Rate** (ml/min)	**Temp** (^{o}C)	**Conductivity** (µS/cm)	**DO** (mg/L)	**pH**	**ORP** (mV)	**Tubidity** (NTU)	**Comments** (problems, odor, sheen)
14:06	13.43	-	-	-	-	-	-	-	Start Pumping
14:13	13.43	200	11.80	1032	9.49	6.56	203.7	29.8	*temperature probe not working
14:16	13.44	200	*	1039	1.20	6.58	203.7	25.3	
14:19	13.44	200	*	1041	1.96	6.56	203.7	19.6	
14:24	13.44	200	*	1045	1.59	6.56	203.8	12.2	
14:27	13.44	200	*	1047	1.58	6.52	203.6	7.9	
14:32	13.44	200	*	1051	1.62	6.50	203.3	4.7	
14:35	13.44	200	*	1051	1.58	6.53	203.2	3.3	
14:38	13.44	200	*	1047	1.68	6.52	203.1	4	
Stabilization Criteria:				**3%**	**10%**	**+/- 0.1 pH units**	**+/- 10 mV**	**10% for values >1 NTU**	

If water is drawn down greater than 0.3 feet, the system should be operated intermittently so that drawdown does not exceed 0.3 feet.

If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: ***VOCs, PAHs, ETPH, Total RSR 15 Metals, Total Cyanide, PCBs***

Well Sampling Log

Job No: 91065			**Client:** Borough of Naugatuck			**Well No:**	
Project Location: 6 Rubber Avenue, Naugatuck, CT			**Sampled By:** GDS			**MW101**	
Date: 12/29/30			**Sampling Time:** 13:35				
Total Depth:	22	ft. below top of casing	**Water Column:**	8.0	feet	*= 0.041 * WC for 1" wells	
Depth to Water:	14.03	ft. below top of casing	**Well Volume*:**	1.3	gallons	*= 0.163 * WC for 2" wells	
Depth to Product:	ND	ft. below top of casing	**Volume Purged:**	5.5	gallons	*= 0.653 * WC for 4" wells	
Depth to top of screen:	12	ft. below top of casing	**Well Diam.:**	2	inches	Target maximum flow rate is 100-400 ml/min	
Depth to bottom of screen:	22	ft. below top of casing	**Purging Device (pump type):**		Peristaltic Pump		
Approx. Pump Intake:	18	ft. below top of casing					

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (^{o}C)	Conductivity (µS/cm)	DO (mg/L)	pH	ORP (mV)	Tubidity (NTU)	Comments (problems, odor, sheen)
9:06	14.03	-	-	-	-	-	-	-	Start Pumping
9:21	14.04	300	12.74		8.25	7.02	202.1	65.9	*temperature probe not working
9:24	14.04	300	*		8.06	6.61	202.8	52.1	
12:44	14.03	-	-	-	-	-	-	-	Stop Pumping
12:57	14.04	300	*	566	2.24	6.50	228.0	52.9	Resume Pumping
13:00	14.04	300	*	557	2.38	6.45	226.3	48.7	
13:04	14.04	300	12.61	557	2.42	6.39	225.6	8.9	
13:08	14.05	300	*	562	2.47	6.34	224.9	20.1	
13:13	14.05	300	*	557	4.96	6.38	224.6	0.6	
13:17	14.05	300	12.52	559	13.35	6.28	224.4	0.4	
13:20	14.05	300	*	562	1.75	6.42	224.1	4.1	
13:24	14.05	300	*	568	1.87	6.42	224.2	3.6	
13:28	14.05	300	*	569	2.86	6.40	224.3	4.3	
13:31	14.05	300	*	569	2.77	6.36	224.9	4.2	
13:35	14.05	300	*	568	2.73	6.37	225.0	0.2	If water is drawn down greater than 0.3 feet, the system should be operated intermittently so that drawdown does not exceed 0.3 feet.
Stabilization Criteria:				**3%**	**10%**	**+/- 0.1 pH units**	**+/- 10 mV**	**10% for values >1 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: ***VOCs, PAHs, ETPH, Total RSR 15 Metals, Total Cyanide, PCBs***

Well Sampling Log

Job No:	**91065**			**Client:**	**Borough of Naugatuck**		**Well No:** **MW102**
Project Location:	**6 Rubber Avenue, Naugatuck, CT**			**Sampled By:**	GDS		
Date:	**12/30/10**			**Sampling Time:**	8:48		
Total Depth:	22	ft. below top of casing		**Water Column:**	8.5	feet	*= 0.041 * WC for 1" wells
Depth to Water:	13.54	ft. below top of casing		**Well Volume*:**	1.4	gallons	*= 0.163 * WC for 2" wells
Depth to Product:	ND	ft. below top of casing		**Volume Purged:**	1	gallons	*= 0.653 * WC for 4" wells
Depth to top of screen:	12	ft. below top of casing		**Well Diam.:**	2	inches	Target maximum flow rate is 100-400 ml/min
Depth to bottom of screen:	22	ft. below top of casing		**Purging Device (pump type):**	Peristaltic Pump		
Approx. Pump Intake:	18	ft. below top of casing					

Time	**Depth to Water** (Ft.)	**Purge Rate** (ml/min)	**Temp** (^{o}C)	**Conductivity** (µS/cm)	**DO** (mg/L)	**pH**	**ORP** (mV)	**Tubidity** (NTU)	**Comments** (problems, odor, sheen)
8:23	13.54	-	-	-	-	-	-	-	Start Pumping
8:26	13.66	150	*	414	0.63	7.42	169.6	5.6	*temperature probe not working
8:29	13.67	150	*	417	0.51	7.30	169.8	11.2	
8:32	13.68	150	*	422	0.71	7.12	169.5	18.2	
8:37	13.69	150	*	438	1.14	7.02	168.7	9.8	
8:42	13.68	150	*	456	0.83	6.98	168.7	4.6	
8:45	13.70	150	*	472	0.79	6.95	168.4	4.4	
8:48	13.71	150	*	495	0.85	6.93	168.3	1.2	
Stabilization Criteria:				**3%**	**10%**	**+/- 0.1 pH units**	**+/- 10 mV**	**10% for values >1 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

If water is drawn down greater than 0.3 feet, the system should be operated intermittently so that drawdown does not exceed 0.3 feet.

Groundwater samples analyzed for: ***VOCs, PAHs, ETPH, Total RSR 15 Metals, Total Cyanide, PCBs***

Well Sampling Log

Job No: 91065			**Client:** Borough of Naugatuck			**Well No:**	
Project Location: 6 Rubber Avenue, Naugatuck, CT			**Sampled By:** GDS			**MW103**	
Date: 12/28/10			**Sampling Time:** 15:12				
Total Depth:	21	ft. below top of casing	**Water Column:**	5.8	feet	*= 0.041 * WC for 1" wells	
Depth to Water:	15.18	ft. below top of casing	**Well Volume*:**	0.9	gallons	*= 0.163 * WC for 2" wells	
Depth to Product:	ND	ft. below top of casing	**Volume Purged:**	2.5	gallons	*= 0.653 * WC for 4" wells	
Depth to top of screen:	11	ft. below top of casing	**Well Diam.:**	2	inches	Target maximum flow rate is 100-400 ml/min	
Depth to bottom of screen:	21	ft. below top of casing	**Purging Device (pump type):**		Peristaltic Pump		
Approx. Pump Intake:	18	ft. below top of casing					

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (^{o}C)	Conductivity (µS/cm)	DO (mg/L)	pH	ORP (mV)	Tubidity (NTU)	Comments (problems, odor, sheen)
14:06	15.18	-	-	-	-	-	-	-	Start Pumping
14:29	15.51	250	*	657	1.84	6.35	123.0	919.1	*temperature probe not working
14:35	15.79	250	*	670	0.95	6.25	129.3	106.1	
14:40	15.88	125	*	672	1.28	6.20	138.0	37.6	
14:45	15.94	125	*	671	1.27	6.20	137.3	32.1	
14:50	16.03	100	*	668	0.41	6.28	125.2	30.0	
14:55	16.06	100	*	670	0.74	6.24	120.4	28.3	
14:58	16.09	100	*	670	1.07	6.21	112.5	25.9	
15:03	16.14	100	*	670	0.76	6.23	102.6	33.1	
15:06	16.17	100	*	668	0.72	6.24	98.2	46.7	
15:09	16.22	100	*	670	0.82	6.24	94.2	44.2	
15:12	16.26	100	*	675	0.84	6.23	89.2	29.7	
Stabilization Criteria:				**3%**	**10%**	**+/- 0.1 pH units**	**+/- 10 mV**	**10% for values >1 NTU**	

If water is drawn down greater than 0.3 feet, the system should be operated intermittently so that drawdown does not exceed 0.3 feet.

If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: ***VOCs, PAHs, ETPH, Total RSR 15 Metals, Total Cyanide, PCBs***

Well Sampling Log

Job No:	**91065**		**Client:**	**Borough of Naugatuck**	**Well No:** **MW104**
Project Location:	**6 Rubber Avenue, Naugatuck, CT**		**Sampled By:**	GDS	
Date:	**12/29/10**		**Sampling Time:**	11:52	
Total Depth:	20	ft. below top of casing	**Water Column:**	7.4 feet	*= 0.041 * WC for 1" wells
Depth to Water:	12.65	ft. below top of casing	**Well Volume*:**	1.2 gallons	*= 0.163 * WC for 2" wells
Depth to Product:	ND	ft. below top of casing	**Volume Purged:**	2.25 gallons	*= 0.653 * WC for 4" wells
Depth to top of screen:	10	ft. below top of casing	**Well Diam.:**	2 inches	Target maximum flow rate is 100-400 ml/min
Depth to bottom of screen:	20	ft. below top of casing	**Purging Device (pump type):**	Peristaltic Pump	
Approx. Pump Intake:	16	ft. below top of casing			

Time	**Depth to Water** (Ft.)	**Purge Rate** (ml/min)	**Temp** (^{o}C)	**Conductivity** (µS/cm)	**DO** (mg/L)	**pH**	**ORP** (mV)	**Tubidity** (NTU)	**Comments** (problems, odor, sheen)
11:24	12.65	-	-	-	-	-	-	-	Start Pumping
11:31	12.65	300	*	584	3.19	6.58	144.9	13.6	*temperature probe not working
11:34	12.65	300	*	559	0.48	6.44	129.3	1.4	
11:37	12.65	300	*	547	0.52	6.33	121.8	0.3	
11:40	12.67	300	*	537	0.82	6.19	121.5	3.0	
11:43	12.67	300	*	534	0.87	6.18	128.7	3.6	
11:46	12.67	300	*	528	0.90	6.12	140.1	0.4	
11:49	12.65	300	*	526	0.94	6.11	142.8	0.1	
11:52	12.65	300	*	528	0.98	6.09	149.2	2.7	
Stabilization Criteria:				**3%**	**10%**	**+/- 0.1 pH units**	**+/- 10 mV**	**10% for values >1 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

If water is drawn down greater than 0.3 feet, the system should be operated intermittently so that drawdown does not exceed 0.3 feet.

Groundwater samples analyzed for: ***VOCs, PAHs, ETPH, Total RSR 15 Metals, Total Cyanide, PCBs***

Well Sampling Log

Job No:	**91065**		**Client:**	**Borough of Naugatuck**	**Well No:** **MW105**
Project Location:	**6 Rubber Avenue, Naugatuck, CT**		**Sampled By:**	GDS	
Date:	**12/28/10**		**Sampling Time:**	17:07	
Total Depth:	20	ft. below top of casing	**Water Column:**	8.6 feet	*= 0.041 * WC for 1" wells
Depth to Water:	11.40	ft. below top of casing	**Well Volume*:**	1.4 gallons	*= 0.163 * WC for 2" wells
Depth to Product:	ND	ft. below top of casing	**Volume Purged:**	3.5 gallons	*= 0.653 * WC for 4" wells
Depth to top of screen:	10	ft. below top of casing	**Well Diam.:**	2 inches	Target maximum flow rate is 100-400 ml/min
Depth to bottom of screen:	20	ft. below top of casing	**Purging Device (pump type):**	Peristaltic Pump	
Approx. Pump Intake:	16	ft. below top of casing			

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (^{o}C)	Conductivity (µS/cm)	DO (mg/L)	pH	ORP (mV)	Tubidity (NTU)	Comments (problems, odor, sheen)
16:06	11.40	-	-	-	-	-	-	-	Start Pumping
16:15	11.68	200	*	877	0.82	6.64	154.8	358.5	*temperature probe not working
16:22	11.69	200	*	882	0.39	6.64	160.8	182.4	
16:27	11.69	200	*	883	0.40	6.64	165.0	66.9	
16:31	11.69	200	*	889	0.37	6.64	167.2	38.6	
16:35	11.69	200	*	890	0.36	6.64	168.1	30.3	
16:40	11.69	200	*	891	0.39	6.64	169.8	23.2	
16:45	11.69	200	*	891	0.37	6.64	171.8	16.4	
16:50	11.69	200	*	894	0.40	6.63	172.9	18.2	
16:55	11.69	200	*	897	0.26	6.65	173.9	6.9	
16:58	11.69	200	*	893	0.28	6.65	174.4	5.0	
17:01	11.69	200	*	892	0.15	6.64	174.9	4.4	
17:04	11.69	200	*	893	0.14	6.67	175.3	4.6	
17:07	11.69	200	*	893	0.14	6.68	175.3	4.9	
									If water is drawn down greater than 0.3 feet, the system should be operated intermittently so that drawdown does not exceed 0.3 feet.
Stabilization Criteria:				**3%**	**10%**	**+/- 0.1 pH units**	**+/- 10 mV**	**10% for values >1 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: ***VOCs, PAHs, ETPH, Total RSR 15 Metals, Total Cyanide, PCBs***

Well Sampling Log

Job No:	**91065**		**Client:**	**Borough of Naugatuck**		**Well No:** **MW106**
Project Location:	**6 Rubber Avenue, Naugatuck, CT**		**Sampled By:**	GDS		
Date:	**12/29/10**		**Sampling Time:**	10:55		
Total Depth:	23	ft. below top of casing	**Water Column:**	8.7	feet	*= 0.041 * WC for 1" wells
Depth to Water:	14.26	ft. below top of casing	**Well Volume*:**	1.4	gallons	*= 0.163 * WC for 2" wells
Depth to Product:	ND	ft. below top of casing	**Volume Purged:**	2.25	gallons	*= 0.653 * WC for 4" wells
Depth to top of screen:	13	ft. below top of casing	**Well Diam.:**	2	inches	Target maximum flow rate is 100-400 ml/min
Depth to bottom of screen:	23	ft. below top of casing	**Purging Device (pump type):**	Peristaltic Pump		
Approx. Pump Intake:	19	ft. below top of casing				

Time	**Depth to Water** (Ft.)	**Purge Rate** (ml/min)	**Temp** (^{o}C)	**Conductivity** (µS/cm)	**DO** (mg/L)	**pH**	**ORP** (mV)	**Tubidity** (NTU)	**Comments** (problems, odor, sheen)
10:21	14.26	-	-	-	-	-	-	-	Start Pumping
10:24	14.31	250	14.19	1652	5.35	6.93	99.8	20.4	*temperature probe not working
10:28	14.29	250	14.51	1694	4.43	6.86	89.3	14.7	
10:33	14.29	250	*	1708	1.76	6.85	83.5	17.6	
10:37	14.30	250	*	1718	1.64	6.84	79.0	11.8	
10:40	14.30	250	*	1726	1.50	6.86	76.2	10.0	
10:45	14.31	250	*	1733	2.16	6.85	69.3	3.1	
10:48	14.31	250	*	1729	1.68	6.86	68.5	3.9	
10:51	14.31	250	*	1725	1.59	6.85	66.4	1.3	
10:55	14.31	250	*	1732	1.54	6.84	64.2	2.6	
Stabilization Criteria:				**3%**	**10%**	**+/- 0.1 pH units**	**+/- 10 mV**	**10% for values >1 NTU**	

If water is drawn down greater than 0.3 feet, the system should be operated intermittently so that drawdown does not exceed 0.3 feet.

If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: ***VOCs, PAHs, ETPH, Total RSR 15 Metals, Total Cyanide, PCBs***

Well Sampling Log

Job No:	**91065**		**Client:**	**Borough of Naugatuck**	**Well No:** **MW107**
Project Location:	**6 Rubber Avenue, Naugatuck, CT**		**Sampled By:**	GDS	
Date:	**12/29/10**		**Sampling Time:**	9:50	
Total Depth:	20	ft. below top of casing	**Water Column:**	7.7 feet	*= 0.041 * WC for 1" wells
Depth to Water:	12.32	ft. below top of casing	**Well Volume*:**	1.3 gallons	*= 0.163 * WC for 2" wells
Depth to Product:	ND	ft. below top of casing	**Volume Purged:**	4 gallons	*= 0.653 * WC for 4" wells
Depth to top of screen:	10	ft. below top of casing	**Well Diam.:**	2 inches	Target maximum flow rate is 100-400 ml/min
Depth to bottom of screen:	20	ft. below top of casing	**Purging Device (pump type):**	Peristaltic Pump	
Approx. Pump Intake:	16	ft. below top of casing			

Time	**Depth to Water** (Ft.)	**Purge Rate** (ml/min)	**Temp** (^{o}C)	**Conductivity** (µS/cm)	**DO** (mg/L)	**pH**	**ORP** (mV)	**Tubidity** (NTU)	**Comments** (problems, odor, sheen)
8:37	12.32	-	-	-	-	-	-	-	Start Pumping
8:44	12.37	250	12.54	1048	4.00	6.99	184.4	1737.5	*temperature probe not working
8:48	12.35	250	*	1062	0.44	6.93	182.4	759.8	
8:52	12.35	200	*	1070	0.67	6.90	180.2	642.9	
8:57	12.35	200	*	1075	1.74	6.87	129.6	214.2	
9:02	12.35	200	*	1025	1.76	6.87	130.6	120.8	
9:11	12.35	200	12.72	1043	1.91	6.83	31.2	100.6	
9:19	12.35	150	*	1069	0.65	6.84	-35.8	48.5	
9:25	12.35	150	*	1082	0.50	6.85	-69.9	41.3	
9:30	12.35	150	*	1089	0.45	6.85	-82.6	38.0	
9:35	12.35	150	*	1101	0.60	6.84	-97.5	24.8	
9:40	12.35	150	*	1097	0.67	6.84	-105.1	24.2	
9:45	12.35	150	*	1105	0.53	6.82	-117.3	13.2	
9:50	12.35	150	*	1107	0.55	6.84	-117.9	16.2	
									If water is drawn down greater than 0.3 feet, the system should be operated intermittently so that drawdown does not exceed 0.3 feet.
Stabilization Criteria:				**3%**	**10%**	**+/- 0.1 pH units**	**+/- 10 mV**	**10% for values >1 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: ***VOCs, PAHs, ETPH, Total RSR 15 Metals, Total Cyanide, PCBs***

Well Sampling Log

Job No: 91065			**Client:** Borough of Naugatuck			**Well No:**	
Project Location: 6 Rubber Avenue, Naugatuck, CT			**Sampled By:** GDS			**MW108**	
Date: 12/30/10			**Sampling Time:** 11:20				
Total Depth:	19	ft. below top of casing	**Water Column:**	6.3	feet	*= 0.041 * WC for 1" wells	
Depth to Water:	12.69	ft. below top of casing	**Well Volume*:**	1.0	gallons	*= 0.163 * WC for 2" wells	
Depth to Product:	ND	ft. below top of casing	**Volume Purged:**	2	gallons	*= 0.653 * WC for 4" wells	
Depth to top of screen:	9	ft. below top of casing	**Well Diam.:**	2	inches	Target maximum flow rate is 100-400 ml/min	
Depth to bottom of screen:	19	ft. below top of casing	**Purging Device (pump type):**		Peristaltic Pump		
Approx. Pump Intake:	16	ft. below top of casing					

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (µS/cm)	DO (mg/L)	pH	ORP (mV)	Tubidity (NTU)	Comments (problems, odor, sheen)
10:55	12.69	-	-	-	-	-	-	-	Start Pumping
11:05	12.69	280	14.32	850	6.93	6.56	88.1	0.9	*temperature probe not working
11:08	12.69	280	*	833	1.53	6.71	95.2	0.2	
11:11	12.69	280	*	828	1.50	6.72	100.2	2.0	
11:14	12.69	280	*	823	1.39	6.71	103.6	4.5	
11:17	12.69	280	*	824	1.29	6.71	108.0	4.7	
11:20	12.69	280	*	827	1.33	6.72	112.1	4.1	
Stabilization Criteria:				**3%**	**10%**	**+/- 0.1 pH units**	**+/- 10 mV**	**10% for values >1 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

If water is drawn down greater than 0.3 feet, the system should be operated intermittently so that drawdown does not exceed 0.3 feet.

Groundwater samples analyzed for: ***VOCs, PAHs, ETPH, Total RSR 15 Metals, Total Cyanide, PCBs***

Well Sampling Log

Job No: 91065			**Client:** Borough of Naugatuck			**Well No:**	
Project Location: 6 Rubber Avenue, Naugatuck, CT			**Sampled By:** GDS			**MW109**	
Date: 12/29/10			**Sampling Time:** 15:51				
Total Depth:	19	ft. below top of casing	**Water Column:**	5.5	feet	*= 0.041 * WC for 1" wells	
Depth to Water:	13.47	ft. below top of casing	**Well Volume*:**	0.90	gallons	*= 0.163 * WC for 2" wells	
Depth to Product:	ND	ft. below top of casing	**Volume Purged:**	2	gallons	*= 0.653 * WC for 4" wells	
Depth to top of screen:	9	ft. below top of casing	**Well Diam.:**	2	inches	Target maximum flow rate is 100-400 ml/min	
Depth to bottom of screen:	19	ft. below top of casing	**Purging Device (pump type):**		Peristaltic Pump		
Approx. Pump Intake:	16	ft. below top of casing					

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (^{o}C)	Conductivity (µS/cm)	DO (mg/L)	pH	ORP (mV)	Tubidity (NTU)	Comments (problems, odor, sheen)
15:09	13.47	-	-	-	-	-	-	-	Start Pumping
15:19	13.47	175	*	1073	1.68	6.58	108.1	61.1	*temperature probe not working
15:23	13.47	175	*	1072	1.66	6.61	43.2	54.1	
15:26	13.47	175	*	1083	1.34	6.59	-4.2	30.2	
15:30	13.48	175	*	1088	1.26	6.57	-72.9	28.6	
15:34	13.47	175	*	1089	1.29	6.62	-100.5	27.4	
15:39	13.48	175	*	1090	1.84	6.61	-107.6	24.7	
15:42	13.48	175	*	1086	1.28	6.57	-116.7	10.7	
15:45	13.47	175	*	1082	1.85	6.57	-121.1	4.4	
15:48	13.47	175	*	1075	1.68	6.56	-126.4	3.8	
15:51	13.47	175	*	1074	1.70	6.56	-128.3	4.7	
Stabilization Criteria:				3%	10%	+/- 0.1 pH units	+/- 10 mV	10% for values >1 NTU	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

If water is drawn down greater than 0.3 feet, the system should be operated intermittently so that drawdown does not exceed 0.3 feet.

Groundwater samples analyzed for: ***VOCs, PAHs, ETPH, Total RSR 15 Metals, Total Cyanide, PCBs***

Well Sampling Log

Job No: 91065			**Client:** Borough of Naugatuck			**Well No:**	
Project Location: 6 Rubber Avenue, Naugatuck, CT			**Sampled By:** GDS			**MW110**	
Date: 12/30/10			**Sampling Time:** 13:27				
Total Depth:	15	ft. below top of casing	**Water Column:**	4.6	feet	*= 0.041 * WC for 1" wells	
Depth to Water:	10.36	ft. below top of casing	**Well Volume*:**	0.8	gallons	*= 0.163 * WC for 2" wells	
Depth to Product:	ND	ft. below top of casing	**Volume Purged:**	1.5	gallons	*= 0.653 * WC for 4" wells	
Depth to top of screen:	5	ft. below top of casing	**Well Diam.:**	2	inches	Target maximum flow rate is 100-400 ml/min	
Depth to bottom of screen:	15	ft. below top of casing	**Purging Device (pump type):**	Peristaltic Pump			
Approx. Pump Intake:	12	ft. below top of casing					

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (µS/cm)	DO (mg/L)	pH	ORP (mV)	Tubidity (NTU)	Comments (problems, odor, sheen)
13:04	10.36	-	-	-	-	-	-	-	Start Pumping
13:09	10.44	250	10.74	458	6.60	7.30	72.0	11.0	*temperature probe not working
13:12	10.43	250	10.48	447	1.78	7.06	66.2	9.1	
13:15	10.43	250	10.52	451	1.27	6.94	65.8	8.8	
13:18	10.43	250	*	460	0.32	6.90	68.1	14.9	
13:21	10.43	250	*	477	0.37	6.86	69.6	4.3	
13:24	10.43	250	*	483	0.38	6.84	69.4	3.9	
13:27	10.43	250	*	488	0.33	6.83	68.7	3.6	
Stabilization Criteria:				**3%**	**10%**	**+/- 0.1 pH units**	**+/- 10 mV**	**10% for values >1 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

If water is drawn down greater than 0.3 feet, the system should be operated intermittently so that drawdown does not exceed 0.3 feet.

Groundwater samples analyzed for: ***VOCs, PAHs, ETPH, Total RSR 15 Metals, Total Cyanide, PCBs***

Well Sampling Log

Job No: 91065			**Client:** Borough of Naugatuck		**Well No:** MW111
Project Location: 6 Rubber Avenue, Naugatuck, CT			**Sampled By:** GDS		
Date: 12/29/10			**Sampling Time:** 13:37		
Total Depth:	18	ft. below top of casing	**Water Column:**	4.8 feet	*= 0.041 * WC for 1" wells
Depth to Water:	13.16	ft. below top of casing	**Well Volume*:**	0.8 gallons	*= 0.163 * WC for 2" wells
Depth to Product:	ND	ft. below top of casing	**Volume Purged:**	3 gallons	*= 0.653 * WC for 4" wells
Depth to top of screen:	8	ft. below top of casing	**Well Diam.:**	2 inches	Target maximum flow rate is 100-400 ml/min
Depth to bottom of screen:	18	ft. below top of casing	**Purging Device (pump type):**	Peristaltic Pump	
Approx. Pump Intake:	15	ft. below top of casing			

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (µS/cm)	DO (mg/L)	pH	ORP (mV)	Tubidity (NTU)	Comments (problems, odor, sheen)
12:54	13.16	-	-	-	-	-	-	-	Start Pumping
13:01	13.18	250	*	728	2.51	6.73	178.2	107.5	*temperature probe not working
13:04	13.18	250	*	768	3.18	6.75	176.4	72.0	
13:07	13.18	250	*	772	4.36	6.75	176.0	66.1	
13:12	13.18	250	*	794	4.94	6.76	176.5	35.5	
13:17	13.18	250	*	797	4.44	6.77	177.6	28.4	
13:21	13.19	250	*	799	2.74	6.78	178.7	26.3	
13:26	13.19	250	*	798	1.65	6.79	180.3	12.2	
13:30	13.19	250	*	799	2.15	6.78	180.9	4.9	
13:33	13.20	250	*	800	2.19	6.77	181.7	4.2	
13:37	13.20	250	*	800	2.18	6.79	182.1	4.7	
Stabilization Criteria:				3%	10%	+/- 0.1 pH units	+/- 10 mV	10% for values >1 NTU	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

If water is drawn down greater than 0.3 feet, the system should be operated intermittently so that drawdown does not exceed 0.3 feet.

Groundwater samples analyzed for: ***VOCs, PAHs, ETPH, Total RSR 15 Metals, Total Cyanide, PCBs***

Well Sampling Log

Job No: 91065			**Client:** Borough of Naugatuck			**Well No:**	
Project Location: 6 Rubber Avenue, Naugatuck, CT			**Sampled By:** GDS			**MW112**	
Date: 12/30/10			**Sampling Time:** 15:30				
Total Depth:	15	ft. below top of casing	**Water Column:**	10.9	feet	*= 0.041 * WC for 1" wells	
Depth to Water:	4.07	ft. below top of casing	**Well Volume*:**	1.8	gallons	*= 0.163 * WC for 2" wells	
Depth to Product:	ND	ft. below top of casing	**Volume Purged:**	4	gallons	*= 0.653 * WC for 4" wells	
Depth to top of screen:	5	ft. below top of casing	**Well Diam.:**	2	inches	Target maximum flow rate is 100-400 ml/min	
Depth to bottom of screen:	15	ft. below top of casing	**Purging Device (pump type):**		Peristaltic Pump		
Approx. Pump Intake:	10	ft. below top of casing					

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (µS/cm)	DO (mg/L)	pH	ORP (mV)	Tubidity (NTU)	Comments (problems, odor, sheen)
14:15	4.07	-	10.21	-	-	-	-	-	Start Pumping
14:23	4.08	175	*	943	6.65	7.46	-108.8	294.2	*temperature probe not working
14:28	4.09	175	*	947	0.28	7.27	-109.3	332.9	
14:33	4.09	175	*	948	0.43	7.23	-107.2	227.5	
14:44	4.10	175	*	937	0.22	7.14	-103.3	271.5	
14:50	4.08	175	*	930	0.59	7.10	-100.6	90.1	
14:58	4.08	175	*	928	0.19	7.09	-103.6	132.8	
15:03	4.09	225	*	931	0.38	7.07	-103.0	156.0	
15:08	4.09	225	*	930	0.37	7.06	-103.0	95.1	
15:13	4.10	225	*	930	0.54	7.03	-104.2	71.9	
15:18	4.10	225	*	926	0.22	7.01	-103.1	162.0	
15:23	4.10	225	*	922	0.20	7.00	-102.9	42.6	
15:26	4.10	225	*	919	0.33	7.00	-102.3	49.8	
15:30	4.10	225	*	919	0.38	6.98	-102.8	42.4	
									If water is drawn down greater than 0.3 feet, the system should be operated intermittently so that drawdown does not exceed 0.3 feet.
Stabilization Criteria:				**3%**	**10%**	**+/- 0.1 pH units**	**+/- 10 mV**	**10% for values >1 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: ***VOCs, PAHs, ETPH, Total RSR 15 Metals, Total Cyanide, PCBs***

APPENDIX G
LABORATORY ANALYTICAL REPORTS
(SOIL AND SEDIMENT)

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

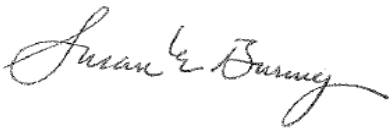
December 7, 2010

Glen Stefaniak
AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226

Project Location: 6 Rubber Ave, Naugatuck, CT
Client Job Number:
Project Number: 91065
Laboratory Work Order Number: 10K0881

Enclosed are results of analyses for samples received by the laboratory on November 30, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Susan M. Burney
Project Manager

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

AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226
ATTN: Glen Stefaniak

REPORT DATE: 12/7/2010

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 91065

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10K0881

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

PROJECT LOCATION: 6 Rubber Ave, Naugatuck, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GDC-TP-01 (2-4)	10K0881-01	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8270C	
GDC-TP-03 (2-4)	10K0881-03	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8270C	
				SW846 9014	
GDC-TP-03A (10-12)	10K0881-04	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8270C	
				SW846 9014	
TB20101130	10K0881-05	Trip Blank Soil		SW-846 8260B	

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

CASE NARRATIVE SUMMARY

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

SW-846 6020A

Qualifications:

Sample required a dilution due to high internal standard recovery of the lesser diluted digestion, reporting limit is elevated.

Analyte & Samples(s) Qualified:

Beryllium

10K0881-03[GDC-TP-03 (2-4)], 10K0881-04[GDC-TP-03A (10-12)]

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

Analyte & Samples(s) Qualified:

Silver

B023077-BSD1

SW-846 8260B

Qualifications:

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

Analyte & Samples(s) Qualified:

2-Butanone (MEK), Acetone, Acrylonitrile, Tetrahydrofuran

10K0881-05[TB20101130], B023068-BLK1, B023068-BS1

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

Analyte & Samples(s) Qualified:

trans-1,4-Dichloro-2-butene

B023068-BS1

SW-846 8270C

Qualifications:

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

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol, Bis(2-chloroisopropyl)ether

10K0881-01[GDC-TP-01 (2-4)], 10K0881-03[GDC-TP-03 (2-4)], 10K0881-04[GDC-TP-03A (10-12)], B023005-BLK1, B023005-BS1, B023005-BSD1

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

Analyte & Samples(s) Qualified:

Bis(2-chloroisopropyl)ether, Hexachlorocyclopentadiene

10K0881-01[GDC-TP-01 (2-4)], 10K0881-03[GDC-TP-03 (2-4)], 10K0881-04[GDC-TP-03A (10-12)], B023005-BLK1, B023005-BS1, B023005-BSD1

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

Analyte & Samples(s) Qualified:

Pentachloronitrobenzene

10K0881-01[GDC-TP-01 (2-4)], 10K0881-03[GDC-TP-03 (2-4)], 10K0881-04[GDC-TP-03A (10-12)], B023005-BLK1, B023005-BS1, B023005-BSD1

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

SW-846 8260B

The LCS recoveries for required CT reasonable confidence protocol (RCP) 8260 compounds were all within limits specified by the method except for “difficult analytes” where control limits somewhere between 40-160% are used and/or unless otherwise listed in this narrative: Difficult analytes: MIBK, MEK, Tert-butyl Alcohol, Acetone, 1,4-Dioxane, Vinyl Chloride, Chloromethane, Dichlorodifluoromethane, 2-Hexanone, Naphthalene, Bromomethane, Methylene Chloride, and tert-butylbenzene.

SW-846 8270C

The LCS sample recoveries for required RCP 8270 compounds were all within control limits specified by the method, 40-140% for base/neutrals and 30-130% for acids except for “difficult analytes” listed below and/or otherwise listed in this narrative: Difficult analytes for soil - limits between 10 and 180% depending on the compound (see QC summary for limits): 3,3’-Dichlorobenzidine, Pyridine, Aniline, 4-Chloroaniline, 3-Nitroaniline, and n-Nitrosodiphenylamine.

All reporting limits specified on the chain-of-custody were met, except for Pyridine, 1,2,4,5-Tetrachlorobenzene and Pentachloronitrobenzene for the most protective criteria since the laboratory cannot achieve the required RCP calibration criteria at these levels unless otherwise listed in this narrative.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Daren J. Damboragian
Laboratory Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10K0881

Date Received: 11/30/2010

Field Sample #: GDC-TP-01 (2-4) | Sampled: 11/30/2010 00:00

Sample ID: 10K0881-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Acenaphthylene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Aniline	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Anthracene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Benzo(a)anthracene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Benzo(a)pyrene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Benzo(b)fluoranthene	0.57	0.37	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Benzo(g,h,i)perylene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Benzo(k)fluoranthene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Bis(2-chloroethoxy)methane	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Bis(2-chloroethyl)ether	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Bis(2-chloroisopropyl)ether	ND	0.73	mg/Kg dry	1	V-04, V-05	SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
4-Bromophenylphenylether	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Butylbenzylphthalate	ND	1.4	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Carbazole	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
4-Chloroaniline	ND	1.4	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
4-Chloro-3-methylphenol	ND	1.4	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
2-Chloronaphthalene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
2-Chlorophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
4-Chlorophenylphenylether	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Chrysene	0.38	0.37	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Dibenz(a,h)anthracene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Dibenzofuran	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Di-n-butylphthalate	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
3,3-Dichlorobenzidine	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
2,4-Dichlorophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Diethylphthalate	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
2,4-Dimethylphenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Dimethylphthalate	ND	1.4	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
4,6-Dinitro-2-methylphenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
2,4-Dinitrophenol	ND	1.4	mg/Kg dry	1	V-04	SW-846 8270C	12/1/10	12/2/10 19:21	BGL
2,4-Dinitrotoluene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
2,6-Dinitrotoluene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Di-n-octylphthalate	ND	1.4	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Fluoranthene	0.49	0.37	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Fluorene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Hexachlorobenzene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Hexachlorobutadiene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Hexachlorocyclopentadiene	ND	1.4	mg/Kg dry	1	V-05	SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Hexachloroethane	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Indeno(1,2,3-cd)pyrene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Isophorone	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10K0881

Date Received: 11/30/2010

Field Sample #: GDC-TP-01 (2-4) | Sampled: 11/30/2010 00:00

Sample ID: 10K0881-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
2-Methylphenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
3/4-Methylphenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Naphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
2-Nitroaniline	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
3-Nitroaniline	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
4-Nitroaniline	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Nitrobenzene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
2-Nitrophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
4-Nitrophenol	ND	1.4	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
N-Nitrosodiphenylamine	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
N-Nitrosodi-n-propylamine	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Pentachloronitrobenzene	ND	0.73	mg/Kg dry	1	V-16	SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Pentachlorophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Phenanthrene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Phenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Pyrene	0.50	0.37	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
Pyridine	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
1,2,4-Trichlorobenzene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
2,4,5-Trichlorophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL
2,4,6-Trichlorophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:21	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	69.0	30-130		12/2/10 19:21
Phenol-d6	68.2	30-130		12/2/10 19:21
Nitrobenzene-d5	63.5	30-130		12/2/10 19:21
2-Fluorobiphenyl	59.8	30-130		12/2/10 19:21
2,4,6-Tribromophenol	88.5	30-130		12/2/10 19:21
Terphenyl-d14	71.9	30-130		12/2/10 19:21

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10K0881

Date Received: 11/30/2010

Field Sample #: GDC-TP-01 (2-4) | Sampled: 11/30/2010 00:00

Sample ID: 10K0881-01

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/1/10	12/2/10 15:46	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/1/10	12/2/10 15:46	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/1/10	12/2/10 15:46	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/1/10	12/2/10 15:46	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/1/10	12/2/10 15:46	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/1/10	12/2/10 15:46	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/1/10	12/2/10 15:46	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/1/10	12/2/10 15:46	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/1/10	12/2/10 15:46	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	60.0	30-150		12/2/10 15:46
Decachlorobiphenyl [2]	74.3	30-150		12/2/10 15:46
Tetrachloro-m-xylene [1]	69.3	30-150		12/2/10 15:46
Tetrachloro-m-xylene [2]	71.4	30-150		12/2/10 15:46

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10K0881

Date Received: 11/30/2010

Field Sample #: GDC-TP-01 (2-4) | Sampled: 11/30/2010 00:00

Sample ID: 10K0881-01

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	55	11	mg/Kg dry	1		CTDEP ETPH	12/1/10	12/2/10 18:04	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	65.1	50-150				12/2/10	18:04

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Project Location: 6 Rubber Ave, Naugatuck, CT Sample Description: Work Order: 10K0881

Date Received: 11/30/2010

Field Sample #: GDC-TP-01 (2-4) Sampled: 11/30/2010 00:00

Sample ID: 10K0881-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	2.7	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:45	OP
Arsenic	3.1	2.7	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:45	OP
Barium	63	2.7	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:45	OP
Beryllium	ND	0.27	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:45	OP
Cadmium	0.46	0.27	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:45	OP
Chromium	13	0.54	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:45	OP
Copper	31	0.54	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:45	OP
Lead	44	0.81	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:45	OP
Mercury	0.082	0.013	mg/Kg dry	1		SW-846 7471A	12/1/10	12/2/10 13:49	CWB
Nickel	10	0.54	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:45	OP
Selenium	ND	5.4	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:45	OP
Silver	ND	0.54	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:45	OP
Thallium	ND	2.7	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:45	OP
Vanadium	24	1.1	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:45	OP
Zinc	67	1.1	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:45	OP

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10K0881

Date Received: 11/30/2010

Field Sample #: GDC-TP-01 (2-4) | Sampled: 11/30/2010 00:00

Sample ID: 10K0881-01

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.7		% Wt	1		SM 2540G	12/1/10	12/1/10 15:48	VAF

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10K0881

Date Received: 11/30/2010

Field Sample #: GDC-TP-01 (2-4) | Sampled: 11/30/2010 00:00

Sample ID: 10K0881-01

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	12/2/10	12/3/10 14:23	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	12/2/10	12/3/10 14:23	KSH
Barium	82	50	µg/L	5		SW-846 6020A	12/2/10	12/3/10 14:23	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	12/2/10	12/6/10 12:35	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	12/2/10	12/3/10 14:23	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 10:53	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	12/2/10	12/3/10 14:23	KSH
Lead	8.5	5.0	µg/L	5		SW-846 6020A	12/2/10	12/3/10 14:23	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/2/10	12/3/10 14:31	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	12/2/10	12/3/10 14:23	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	12/2/10	12/3/10 14:23	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	12/2/10	12/3/10 14:23	KSH
Thallium	1.6	1.0	µg/L	5		SW-846 6020A	12/2/10	12/3/10 14:23	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	12/2/10	12/3/10 14:23	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	12/2/10	12/3/10 14:23	KSH

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10K0881

Date Received: 11/30/2010

Field Sample #: GDC-TP-03 (2-4) | Sampled: 11/30/2010 00:00

Sample ID: 10K0881-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Acenaphthylene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Aniline	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Anthracene	0.86	0.39	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Benzo(a)anthracene	4.4	0.39	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Benzo(a)pyrene	4.8	0.39	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Benzo(b)fluoranthene	6.7	0.39	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Benzo(g,h,i)perylene	2.1	0.39	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Benzo(k)fluoranthene	2.6	0.39	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Bis(2-chloroethoxy)methane	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Bis(2-chloroethyl)ether	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Bis(2-chloroisopropyl)ether	ND	0.78	mg/Kg dry	1	V-04, V-05	SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
4-Bromophenylphenylether	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Butylbenzylphthalate	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Carbazole	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
4-Chloroaniline	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
4-Chloro-3-methylphenol	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
2-Chloronaphthalene	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
2-Chlorophenol	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
4-Chlorophenylphenylether	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Chrysene	4.5	0.39	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Dibenz(a,h)anthracene	0.71	0.39	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Dibenzofuran	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Di-n-butylphthalate	2.3	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
3,3-Dichlorobenzidine	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
2,4-Dichlorophenol	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Diethylphthalate	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
2,4-Dimethylphenol	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Dimethylphthalate	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
4,6-Dinitro-2-methylphenol	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
2,4-Dinitrophenol	ND	1.5	mg/Kg dry	1	V-04	SW-846 8270C	12/1/10	12/2/10 19:51	BGL
2,4-Dinitrotoluene	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
2,6-Dinitrotoluene	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Di-n-octylphthalate	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Fluoranthene	6.9	0.39	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Fluorene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Hexachlorobenzene	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Hexachlorobutadiene	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Hexachlorocyclopentadiene	ND	1.5	mg/Kg dry	1	V-05	SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Hexachloroethane	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Indeno(1,2,3-cd)pyrene	2.8	0.39	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Isophorone	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL

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

Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10K0881

Date Received: 11/30/2010

Field Sample #: GDC-TP-03 (2-4) | Sampled: 11/30/2010 00:00

Sample ID: 10K0881-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
2-Methylphenol	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
3/4-Methylphenol	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Naphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
2-Nitroaniline	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
3-Nitroaniline	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
4-Nitroaniline	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Nitrobenzene	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
2-Nitrophenol	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
4-Nitrophenol	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
N-Nitrosodiphenylamine	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
N-Nitrosodi-n-propylamine	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Pentachloronitrobenzene	ND	0.78	mg/Kg dry	1	V-16	SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Pentachlorophenol	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Phenanthrene	3.3	0.39	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Phenol	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Pyrene	5.3	0.39	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
Pyridine	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
1,2,4-Trichlorobenzene	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
2,4,5-Trichlorophenol	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL
2,4,6-Trichlorophenol	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 19:51	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	82.7	30-130		12/2/10 19:51
Phenol-d6	78.7	30-130		12/2/10 19:51
Nitrobenzene-d5	72.4	30-130		12/2/10 19:51
2-Fluorobiphenyl	72.2	30-130		12/2/10 19:51
2,4,6-Tribromophenol	90.4	30-130		12/2/10 19:51
Terphenyl-d14	59.6	30-130		12/2/10 19:51

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10K0881

Date Received: 11/30/2010

Field Sample #: GDC-TP-03 (2-4) | Sampled: 11/30/2010 00:00

Sample ID: 10K0881-03

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/1/10	12/2/10 16:00	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/1/10	12/2/10 16:00	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/1/10	12/2/10 16:00	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/1/10	12/2/10 16:00	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/1/10	12/2/10 16:00	JMB
Aroclor-1254 [2]	0.70	0.11	mg/Kg dry	1		SW-846 8082	12/1/10	12/2/10 16:00	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/1/10	12/2/10 16:00	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/1/10	12/2/10 16:00	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/1/10	12/2/10 16:00	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	60.5	30-150		12/2/10 16:00
Decachlorobiphenyl [2]	77.2	30-150		12/2/10 16:00
Tetrachloro-m-xylene [1]	67.4	30-150		12/2/10 16:00
Tetrachloro-m-xylene [2]	67.4	30-150		12/2/10 16:00

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10K0881

Date Received: 11/30/2010

Field Sample #: GDC-TP-03 (2-4) | Sampled: 11/30/2010 00:00

Sample ID: 10K0881-03

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	380	92	mg/Kg dry	4		CTDEP ETPH	12/1/10	12/2/10 17:27	CJM

Surrogates	% Recovery	Recovery Limits	Flag	
o-Terphenyl	50.6	50-150		12/2/10 17:27

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10K0881

Date Received: 11/30/2010

Field Sample #: GDC-TP-03 (2-4) | Sampled: 11/30/2010 00:00

Sample ID: 10K0881-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	2.8	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:49	OP
Arsenic	4.8	2.8	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:49	OP
Barium	380	2.8	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:49	OP
Beryllium	ND	0.28	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:49	OP
Cadmium	1.2	0.28	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:49	OP
Chromium	11	0.57	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:49	OP
Copper	30	0.57	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:49	OP
Lead	340	0.85	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:49	OP
Mercury	2.3	0.082	mg/Kg dry	5		SW-846 7471A	12/1/10	12/2/10 14:20	CWB
Nickel	8.6	0.57	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:49	OP
Selenium	ND	5.7	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:49	OP
Silver	ND	0.57	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:49	OP
Thallium	ND	2.8	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:49	OP
Vanadium	27	1.1	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:49	OP
Zinc	530	1.1	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:49	OP

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10K0881

Date Received: 11/30/2010

Field Sample #: GDC-TP-03 (2-4) | Sampled: 11/30/2010 00:00

Sample ID: 10K0881-03

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.51	mg/Kg dry	1		SW846 9014	12/7/10	12/7/10 13:00	VAK
% Solids	86.5		% Wt	1		SM 2540G	12/1/10	12/1/10 15:48	VAF

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10K0881

Date Received: 11/30/2010

Field Sample #: GDC-TP-03 (2-4) | Sampled: 11/30/2010 00:00

Sample ID: 10K0881-03

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	12/2/10	12/3/10 15:33	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	12/2/10	12/3/10 15:33	KSH
Barium	120	50	µg/L	5		SW-846 6020A	12/2/10	12/3/10 15:33	KSH
Beryllium	ND	8.0	µg/L	20	DL-05	SW-846 6020A	12/2/10	12/6/10 13:03	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	12/2/10	12/3/10 15:33	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 10:57	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	12/2/10	12/3/10 15:33	KSH
Lead	200	5.0	µg/L	5		SW-846 6020A	12/2/10	12/3/10 15:33	KSH
Mercury	0.00033	0.00010	mg/L	1		SW-846 7470A	12/2/10	12/3/10 14:38	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	12/2/10	12/3/10 15:33	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	12/2/10	12/3/10 15:33	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	12/2/10	12/3/10 15:33	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	12/2/10	12/3/10 15:33	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	12/2/10	12/3/10 15:33	KSH
Zinc	220	50	µg/L	5		SW-846 6020A	12/2/10	12/3/10 15:33	KSH

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10K0881

Date Received: 11/30/2010

Field Sample #: GDC-TP-03A (10-12) | Sampled: 11/30/2010 00:00

Sample ID: 10K0881-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Aniline	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Benzo(a)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Benzo(a)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Benzo(b)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Benzo(g,h,i)perylene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Bis(2-chloroethoxy)methane	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Bis(2-chloroethyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Bis(2-chloroisopropyl)ether	ND	0.36	mg/Kg dry	1	V-04, V-05	SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
4-Bromophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Butylbenzylphthalate	ND	0.69	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Carbazole	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
4-Chloroaniline	ND	0.69	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
4-Chloro-3-methylphenol	ND	0.69	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
2-Chloronaphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
2-Chlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
4-Chlorophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Chrysene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Dibenzofuran	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Di-n-butylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
2,4-Dichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Diethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
2,4-Dimethylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Dimethylphthalate	ND	0.69	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
4,6-Dinitro-2-methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
2,4-Dinitrophenol	ND	0.69	mg/Kg dry	1	V-04	SW-846 8270C	12/1/10	12/2/10 20:24	BGL
2,4-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
2,6-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Di-n-octylphthalate	ND	0.69	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Hexachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Hexachlorobutadiene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Hexachlorocyclopentadiene	ND	0.69	mg/Kg dry	1	V-05	SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Hexachloroethane	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Indeno(1,2,3-cd)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Isophorone	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10K0881

Date Received: 11/30/2010

Field Sample #: GDC-TP-03A (10-12) | Sampled: 11/30/2010 00:00

Sample ID: 10K0881-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
2-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
3/4-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
2-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
3-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
4-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Nitrobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
2-Nitrophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
4-Nitrophenol	ND	0.69	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
N-Nitrosodiphenylamine	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
N-Nitrosodi-n-propylamine	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Pentachloronitrobenzene	ND	0.36	mg/Kg dry	1	V-16	SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Pentachlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Phenanthrene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Phenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
Pyridine	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
1,2,4-Trichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
2,4,5-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL
2,4,6-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/1/10	12/2/10 20:24	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	82.4	30-130		12/2/10 20:24
Phenol-d6	91.3	30-130		12/2/10 20:24
Nitrobenzene-d5	64.7	30-130		12/2/10 20:24
2-Fluorobiphenyl	71.6	30-130		12/2/10 20:24
2,4,6-Tribromophenol	77.8	30-130		12/2/10 20:24
Terphenyl-d14	72.8	30-130		12/2/10 20:24

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10K0881

Date Received: 11/30/2010

Field Sample #: GDC-TP-03A (10-12) | Sampled: 11/30/2010 00:00

Sample ID: 10K0881-04

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/1/10	12/2/10 16:15	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/1/10	12/2/10 16:15	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/1/10	12/2/10 16:15	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/1/10	12/2/10 16:15	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/1/10	12/2/10 16:15	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/1/10	12/2/10 16:15	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/1/10	12/2/10 16:15	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/1/10	12/2/10 16:15	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/1/10	12/2/10 16:15	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	63.5	30-150		12/2/10 16:15
Decachlorobiphenyl [2]	70.8	30-150		12/2/10 16:15
Tetrachloro-m-xylene [1]	68.0	30-150		12/2/10 16:15
Tetrachloro-m-xylene [2]	70.4	30-150		12/2/10 16:15

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10K0881

Date Received: 11/30/2010

Field Sample #: GDC-TP-03A (10-12) | Sampled: 11/30/2010 00:00

Sample ID: 10K0881-04

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	10	mg/Kg dry	1		CTDEP ETPH	12/1/10	12/2/10 16:32	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	55.5	50-150				12/2/10 16:32	

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Project Location: 6 Rubber Ave, Naugatuck, CT Sample Description: Work Order: 10K0881

Date Received: 11/30/2010

Field Sample #: GDC-TP-03A (10-12) Sampled: 11/30/2010 00:00

Sample ID: 10K0881-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	2.7	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:54	OP
Arsenic	ND	2.7	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:54	OP
Barium	33	2.7	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:54	OP
Beryllium	ND	0.27	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:54	OP
Cadmium	ND	0.27	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:54	OP
Chromium	7.7	0.54	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:54	OP
Copper	13	0.54	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:54	OP
Lead	5.0	0.81	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:54	OP
Mercury	0.025	0.015	mg/Kg dry	1		SW-846 7471A	12/1/10	12/2/10 13:52	CWB
Nickel	6.4	0.54	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:54	OP
Selenium	ND	5.4	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:54	OP
Silver	ND	0.54	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:54	OP
Thallium	ND	2.7	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:54	OP
Vanadium	16	1.1	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:54	OP
Zinc	22	1.1	mg/Kg dry	1		SW-846 6010B	12/1/10	12/1/10 19:54	OP

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10K0881

Date Received: 11/30/2010

Field Sample #: GDC-TP-03A (10-12) | Sampled: 11/30/2010 00:00

Sample ID: 10K0881-04

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.33	mg/Kg dry	1		SW846 9014	12/7/10	12/7/10 13:00	VAK
% Solids	94.8		% Wt	1		SM 2540G	12/1/10	12/1/10 15:48	VAF

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10K0881

Date Received: 11/30/2010

Field Sample #: GDC-TP-03A (10-12) | Sampled: 11/30/2010 00:00

Sample ID: 10K0881-04

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	12/2/10	12/3/10 15:36	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	12/2/10	12/3/10 15:36	KSH
Barium	ND	50	µg/L	5		SW-846 6020A	12/2/10	12/3/10 15:36	KSH
Beryllium	ND	4.0	µg/L	10	DL-05	SW-846 6020A	12/2/10	12/6/10 12:57	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	12/2/10	12/3/10 15:36	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 11:00	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	12/2/10	12/3/10 15:36	KSH
Lead	ND	5.0	µg/L	5		SW-846 6020A	12/2/10	12/3/10 15:36	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/2/10	12/3/10 14:40	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	12/2/10	12/3/10 15:36	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	12/2/10	12/3/10 15:36	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	12/2/10	12/3/10 15:36	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	12/2/10	12/3/10 15:36	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	12/2/10	12/3/10 15:36	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	12/2/10	12/3/10 15:36	KSH

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10K0881

Date Received: 11/30/2010

Field Sample #: TB20101130 | Sampled: 11/30/2010 00:00

Sample ID: 10K0881-05

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	mg/Kg wet	1	V-16	SW-846 8260B	12/1/10	12/2/10 8:23	MFF
Acrylonitrile	ND	0.0060	mg/Kg wet	1	V-16	SW-846 8260B	12/1/10	12/2/10 8:23	MFF
Benzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
Bromobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
Bromodichloromethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
Bromoform	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
Bromomethane	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
2-Butanone (MEK)	ND	0.040	mg/Kg wet	1	V-16	SW-846 8260B	12/1/10	12/2/10 8:23	MFF
n-Butylbenzene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
sec-Butylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
tert-Butylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
Carbon Disulfide	ND	0.0060	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
Carbon Tetrachloride	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
Chlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
Chlorodibromomethane	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
Chloroethane	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
Chloroform	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
Chloromethane	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
Dibromomethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
cis-1,3-Dichloropropene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
trans-1,3-Dichloropropene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
Ethylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
2-Hexanone (MBK)	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
Isopropylbenzene (Cumene)	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10K0881

Date Received: 11/30/2010

Field Sample #: TB20101130 | Sampled: 11/30/2010 00:00

Sample ID: 10K0881-05

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
Methylene Chloride	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
Naphthalene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
n-Propylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
Styrene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
Tetrachloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
Tetrahydrofuran	ND	0.010	mg/Kg wet	1	V-16	SW-846 8260B	12/1/10	12/2/10 8:23	MFF
Toluene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
Trichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
Vinyl Chloride	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
m+p Xylene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF
o-Xylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/1/10	12/2/10 8:23	MFF

Surrogates	% Recovery	Recovery Limits	Flag		
1,2-Dichloroethane-d4	104	70-130		12/2/10	8:23
Toluene-d8	94.9	70-130		12/2/10	8:23
4-Bromofluorobenzene	97.4	70-130		12/2/10	8:23

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Sample Extraction Data

Prep Method: SW-846 3546-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10K0881-01 [GDC-TP-01 (2-4)]	B023003	30.0	1.00	12/01/10
10K0881-03 [GDC-TP-03 (2-4)]	B023003	30.1	2.00	12/01/10
10K0881-04 [GDC-TP-03A (10-12)]	B023003	30.3	1.00	12/01/10

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
10K0881-01 [GDC-TP-01 (2-4)]	B023014	12/01/10
10K0881-03 [GDC-TP-03 (2-4)]	B023014	12/01/10
10K0881-04 [GDC-TP-03A (10-12)]	B023014	12/01/10

Prep Method: SW-846 3050B-SW-846 6010B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10K0881-01 [GDC-TP-01 (2-4)]	B023006	0.996	50.0	12/01/10
10K0881-03 [GDC-TP-03 (2-4)]	B023006	1.02	50.0	12/01/10
10K0881-04 [GDC-TP-03A (10-12)]	B023006	0.974	50.0	12/01/10

Prep Method: SW-846 3010A-SW-846 6020A **Leachates were extracted on 12/1/2010 per SW-846 1312 in Batch B023026**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10K0881-01 [GDC-TP-01 (2-4)]	B023077	50.0	50.0	12/02/10
10K0881-03 [GDC-TP-03 (2-4)]	B023077	50.0	50.0	12/02/10
10K0881-04 [GDC-TP-03A (10-12)]	B023077	50.0	50.0	12/02/10

Prep Method: SW-846 3010A-SW-846 6020A **Leachates were extracted on 12/1/2010 per SW-846 1312 in Batch B023026**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10K0881-01 [GDC-TP-01 (2-4)]	B023235	50.0	50.0	12/06/10
10K0881-03 [GDC-TP-03 (2-4)]	B023235	50.0	50.0	12/06/10
10K0881-04 [GDC-TP-03A (10-12)]	B023235	50.0	50.0	12/06/10

Prep Method: SW-846 7470A Prep-SW-846 7470A **Leachates were extracted on 12/1/2010 per SW-846 1312 in Batch B023026**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10K0881-01 [GDC-TP-01 (2-4)]	B023120	6.00	6.00	12/02/10
10K0881-03 [GDC-TP-03 (2-4)]	B023120	6.00	6.00	12/02/10
10K0881-04 [GDC-TP-03A (10-12)]	B023120	6.00	6.00	12/02/10

Prep Method: SW-846 7471-SW-846 7471A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10K0881-01 [GDC-TP-01 (2-4)]	B022998	0.203	25.0	12/01/10
10K0881-03 [GDC-TP-03 (2-4)]	B022998	0.177	25.0	12/01/10
10K0881-04 [GDC-TP-03A (10-12)]	B022998	0.180	25.0	12/01/10

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Sample Extraction Data

Prep Method: SW-846 3546-SW-846 8082

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10K0881-01 [GDC-TP-01 (2-4)]	B023002	10.0	50.0	12/01/10
10K0881-03 [GDC-TP-03 (2-4)]	B023002	10.1	50.0	12/01/10
10K0881-04 [GDC-TP-03A (10-12)]	B023002	10.0	50.0	12/01/10

Prep Method: SW-846 5035-SW-846 8260B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10K0881-05 [TB20101130]	B023068	5.00	10.0	12/01/10

Prep Method: SW-846 3546-SW-846 8270C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10K0881-01 [GDC-TP-01 (2-4)]	B023005	30.0	2.00	12/01/10
10K0881-03 [GDC-TP-03 (2-4)]	B023005	30.1	2.00	12/01/10
10K0881-04 [GDC-TP-03A (10-12)]	B023005	30.3	1.00	12/01/10

SW846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10K0881-03 [GDC-TP-03 (2-4)]	B023267	1.13	50.0	12/07/10
10K0881-04 [GDC-TP-03A (10-12)]	B023267	1.58	50.0	12/07/10

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023068 - SW-846 5035										
Blank (B023068-BLK1)				Prepared & Analyzed: 12/02/10						
Acetone	ND	0.10	mg/Kg wet							V-16
Acrylonitrile	ND	0.0060	mg/Kg wet							V-16
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							V-16
n-Butylbenzene	ND	0.0040	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0040	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0040	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0020	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0040	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0040	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023068 - SW-846 5035											
Blank (B023068-BLK1)				Prepared & Analyzed: 12/02/10							
Tetrachloroethylene	ND	0.0020	mg/Kg wet								
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16	
Toluene	ND	0.0020	mg/Kg wet								
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet								
Trichloroethylene	ND	0.0020	mg/Kg wet								
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet								
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet								
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet								
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet								
Vinyl Chloride	ND	0.010	mg/Kg wet								
m+p Xylene	ND	0.0040	mg/Kg wet								
o-Xylene	ND	0.0020	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0495*		mg/Kg wet	0.0500		99.1	70-130				
Surrogate: Toluene-d8	*0.0479*		mg/Kg wet	0.0500		95.7	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0490*		mg/Kg wet	0.0500		98.1	70-130				
LCS (B023068-BS1)				Prepared & Analyzed: 12/02/10							
Acetone	0.237	0.10	mg/Kg wet	0.200		118	70-130			V-16	†
Acrylonitrile	0.0217	0.0060	mg/Kg wet	0.0200		108	70-130			V-16	
Benzene	0.0196	0.0020	mg/Kg wet	0.0200		97.8	70-130				
Bromobenzene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130				
Bromodichloromethane	0.0188	0.0020	mg/Kg wet	0.0200		94.1	70-130				
Bromoform	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130				
Bromomethane	0.0217	0.010	mg/Kg wet	0.0200		108	70-130				†
2-Butanone (MEK)	0.226	0.040	mg/Kg wet	0.200		113	70-130			V-16	†
n-Butylbenzene	0.0182	0.0040	mg/Kg wet	0.0200		90.8	70-130				
sec-Butylbenzene	0.0188	0.0020	mg/Kg wet	0.0200		94.1	70-130				
tert-Butylbenzene	0.0188	0.0020	mg/Kg wet	0.0200		93.8	70-130				†
Carbon Disulfide	0.213	0.0060	mg/Kg wet	0.200		107	70-130				
Carbon Tetrachloride	0.0179	0.0040	mg/Kg wet	0.0200		89.7	70-130				
Chlorobenzene	0.0194	0.0020	mg/Kg wet	0.0200		97.2	70-130				
Chlorodibromomethane	0.0182	0.0040	mg/Kg wet	0.0200		90.9	70-130				
Chloroethane	0.0210	0.020	mg/Kg wet	0.0200		105	70-130				
Chloroform	0.0198	0.0040	mg/Kg wet	0.0200		98.9	70-130				
Chloromethane	0.0205	0.010	mg/Kg wet	0.0200		103	70-130				
2-Chlorotoluene	0.0197	0.0020	mg/Kg wet	0.0200		98.6	70-130				
4-Chlorotoluene	0.0197	0.0020	mg/Kg wet	0.0200		98.5	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130				
1,2-Dibromoethane (EDB)	0.0200	0.0010	mg/Kg wet	0.0200		99.8	70-130				
Dibromomethane	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130				
1,2-Dichlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130				
1,3-Dichlorobenzene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130				
1,4-Dichlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130				
trans-1,4-Dichloro-2-butene	0.0245	0.0040	mg/Kg wet	0.0200		122	70-130			V-20	
Dichlorodifluoromethane (Freon 12)	0.0172	0.020	mg/Kg wet	0.0200		85.9	70-130				†
1,1-Dichloroethane	0.0189	0.0020	mg/Kg wet	0.0200		94.4	70-130				
1,2-Dichloroethane	0.0195	0.0020	mg/Kg wet	0.0200		97.5	70-130				
1,1-Dichloroethylene	0.0209	0.0040	mg/Kg wet	0.0200		105	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023068 - SW-846 5035											
LCS (B023068-BS1)				Prepared & Analyzed: 12/02/10							
cis-1,2-Dichloroethylene	0.0196	0.0020	mg/Kg wet	0.0200		98.0	70-130				
trans-1,2-Dichloroethylene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130				
1,2-Dichloropropane	0.0192	0.0020	mg/Kg wet	0.0200		96.0	70-130				
1,3-Dichloropropane	0.0193	0.0010	mg/Kg wet	0.0200		96.5	70-130				
2,2-Dichloropropane	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130				
1,1-Dichloropropene	0.0189	0.0020	mg/Kg wet	0.0200		94.5	70-130				
cis-1,3-Dichloropropene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130				
trans-1,3-Dichloropropene	0.0193	0.0040	mg/Kg wet	0.0200		96.7	70-130				
Ethylbenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.6	70-130				
Hexachlorobutadiene	0.0175	0.0020	mg/Kg wet	0.0200		87.7	70-130				
2-Hexanone (MBK)	0.209	0.020	mg/Kg wet	0.200		104	70-130				†
Isopropylbenzene (Cumene)	0.0182	0.0040	mg/Kg wet	0.0200		91.1	70-130				
p-Isopropyltoluene (p-Cymene)	0.0193	0.0020	mg/Kg wet	0.0200		96.4	70-130				
Methyl tert-Butyl Ether (MTBE)	0.0215	0.0040	mg/Kg wet	0.0200		108	70-130				
Methylene Chloride	0.0196	0.020	mg/Kg wet	0.0200		98.1	70-130				†
4-Methyl-2-pentanone (MIBK)	0.214	0.020	mg/Kg wet	0.200		107	70-130				†
Naphthalene	0.0222	0.0040	mg/Kg wet	0.0200		111	70-130				†
n-Propylbenzene	0.0195	0.0020	mg/Kg wet	0.0200		97.3	70-130				
Styrene	0.0198	0.0020	mg/Kg wet	0.0200		99.0	70-130				
1,1,1,2-Tetrachloroethane	0.0190	0.0020	mg/Kg wet	0.0200		95.0	70-130				
1,1,2,2-Tetrachloroethane	0.0196	0.0010	mg/Kg wet	0.0200		98.0	70-130				
Tetrachloroethylene	0.0188	0.0020	mg/Kg wet	0.0200		93.8	70-130				
Tetrahydrofuran	0.0182	0.010	mg/Kg wet	0.0200		90.8	70-130			V-16	
Toluene	0.0185	0.0020	mg/Kg wet	0.0200		92.6	70-130				
1,2,3-Trichlorobenzene	0.0176	0.0020	mg/Kg wet	0.0200		88.2	70-130				
1,2,4-Trichlorobenzene	0.0177	0.0020	mg/Kg wet	0.0200		88.4	70-130				
1,1,1-Trichloroethane	0.0191	0.0020	mg/Kg wet	0.0200		95.3	70-130				
1,1,2-Trichloroethane	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130				
Trichloroethylene	0.0189	0.0020	mg/Kg wet	0.0200		94.5	70-130				
Trichlorofluoromethane (Freon 11)	0.0192	0.010	mg/Kg wet	0.0200		96.1	70-130				
1,2,3-Trichloropropane	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0209	0.010	mg/Kg wet	0.0200		104	70-130				
1,2,4-Trimethylbenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.3	70-130				
1,3,5-Trimethylbenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.7	70-130				
Vinyl Chloride	0.0194	0.010	mg/Kg wet	0.0200		96.8	70-130				†
m+p Xylene	0.0376	0.0040	mg/Kg wet	0.0400		94.0	70-130				
o-Xylene	0.0192	0.0020	mg/Kg wet	0.0200		96.1	70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0489*		mg/Kg wet	0.0500		97.8	70-130				
Surrogate: Toluene-d8	*0.0488*		mg/Kg wet	0.0500		97.7	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0515*		mg/Kg wet	0.0500		103	70-130				

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023005 - SW-846 3546										
Blank (B023005-BLK1)				Prepared: 12/01/10 Analyzed: 12/02/10						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							V-04, V-05
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.66	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.66	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							V-04
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.66	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.66	mg/Kg wet							V-05
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
2-Nitroaniline	ND	0.34	mg/Kg wet							
3-Nitroaniline	ND	0.34	mg/Kg wet							
4-Nitroaniline	ND	0.34	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023005 - SW-846 3546											
Blank (B023005-BLK1)				Prepared: 12/01/10 Analyzed: 12/02/10							
4-Nitrophenol	ND	0.66	mg/Kg wet								
N-Nitrosodiphenylamine	ND	0.34	mg/Kg wet								
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet								
Pentachloronitrobenzene	ND	0.34	mg/Kg wet							V-16	
Pentachlorophenol	ND	0.34	mg/Kg wet								
Phenanthrene	ND	0.17	mg/Kg wet								
Phenol	ND	0.34	mg/Kg wet								
Pyrene	ND	0.17	mg/Kg wet								
Pyridine	ND	0.34	mg/Kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet								
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet								
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet								
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet								
Surrogate: 2-Fluorophenol	*6.46*		mg/Kg wet	6.67		96.8	30-130				
Surrogate: Phenol-d6	*6.39*		mg/Kg wet	6.67		95.9	30-130				
Surrogate: Nitrobenzene-d5	*2.69*		mg/Kg wet	3.33		80.8	30-130				
Surrogate: 2-Fluorobiphenyl	*2.89*		mg/Kg wet	3.33		86.8	30-130				
Surrogate: 2,4,6-Tribromophenol	*6.13*		mg/Kg wet	6.67		91.9	30-130				
Surrogate: Terphenyl-d14	*3.15*		mg/Kg wet	3.33		94.5	30-130				
LCS (B023005-BS1)				Prepared: 12/01/10 Analyzed: 12/02/10							
Acenaphthene	1.19	0.17	mg/Kg wet	1.67		71.4	40-140				
Acenaphthylene	1.19	0.17	mg/Kg wet	1.67		71.4	40-140				
Aniline	1.22	0.34	mg/Kg wet	1.67		73.0	40-140				†
Anthracene	1.29	0.17	mg/Kg wet	1.67		77.2	40-140				
Benzo(a)anthracene	1.35	0.17	mg/Kg wet	1.67		81.1	40-140				
Benzo(a)pyrene	1.41	0.17	mg/Kg wet	1.67		84.5	40-140				
Benzo(b)fluoranthene	1.35	0.17	mg/Kg wet	1.67		80.9	40-140				
Benzo(g,h,i)perylene	1.43	0.17	mg/Kg wet	1.67		86.0	40-140				
Benzo(k)fluoranthene	1.37	0.17	mg/Kg wet	1.67		82.2	40-140				
Bis(2-chloroethoxy)methane	1.40	0.34	mg/Kg wet	1.67		83.8	40-140				
Bis(2-chloroethyl)ether	1.43	0.34	mg/Kg wet	1.67		85.6	40-140				
Bis(2-chloroisopropyl)ether	0.806	0.34	mg/Kg wet	1.67		48.3	40-140			V-04, V-05	
Bis(2-Ethylhexyl)phthalate	1.81	0.34	mg/Kg wet	1.67		109	40-140				
4-Bromophenylphenylether	1.59	0.34	mg/Kg wet	1.67		95.4	40-140				
Butylbenzylphthalate	1.71	0.66	mg/Kg wet	1.67		103	40-140				
Carbazole	1.29	0.17	mg/Kg wet	1.67		77.6	40-140				
4-Chloroaniline	0.680	0.66	mg/Kg wet	1.67		40.8	40-140				†
4-Chloro-3-methylphenol	1.27	0.66	mg/Kg wet	1.67		76.1	30-130				
2-Chloronaphthalene	1.27	0.34	mg/Kg wet	1.67		76.3	40-140				
2-Chlorophenol	1.40	0.34	mg/Kg wet	1.67		84.0	30-130				
4-Chlorophenylphenylether	1.49	0.34	mg/Kg wet	1.67		89.4	40-140				
Chrysene	1.31	0.17	mg/Kg wet	1.67		78.5	40-140				
Dibenz(a,h)anthracene	1.64	0.17	mg/Kg wet	1.67		98.1	40-140				
Dibenzofuran	1.46	0.34	mg/Kg wet	1.67		87.7	40-140				
Di-n-butylphthalate	1.56	0.34	mg/Kg wet	1.67		93.5	40-140				
3,3-Dichlorobenzidine	1.70	0.17	mg/Kg wet	1.67		102	40-140				†
2,4-Dichlorophenol	1.47	0.34	mg/Kg wet	1.67		88.0	30-130				
Diethylphthalate	1.46	0.34	mg/Kg wet	1.67		87.6	40-140				
2,4-Dimethylphenol	1.42	0.34	mg/Kg wet	1.67		85.0	30-130				
Dimethylphthalate	1.51	0.66	mg/Kg wet	1.67		90.5	40-140				
4,6-Dinitro-2-methylphenol	1.22	0.34	mg/Kg wet	1.67		73.4	30-130				

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023005 - SW-846 3546										
LCS (B023005-BS1)				Prepared: 12/01/10 Analyzed: 12/02/10						
2,4-Dinitrophenol	1.08	0.66	mg/Kg wet	1.67		64.8	30-130			V-04
2,4-Dinitrotoluene	1.42	0.34	mg/Kg wet	1.67		85.5	40-140			
2,6-Dinitrotoluene	1.54	0.34	mg/Kg wet	1.67		92.3	40-140			
Di-n-octylphthalate	1.96	0.66	mg/Kg wet	1.67		118	40-140			
Fluoranthene	1.30	0.17	mg/Kg wet	1.67		78.2	40-140			
Fluorene	1.22	0.17	mg/Kg wet	1.67		73.1	40-140			
Hexachlorobenzene	1.53	0.34	mg/Kg wet	1.67		91.8	40-140			
Hexachlorobutadiene	1.30	0.34	mg/Kg wet	1.67		78.0	40-140			
Hexachlorocyclopentadiene	1.13	0.66	mg/Kg wet	1.67		67.7	30-140			V-05
Hexachloroethane	1.27	0.34	mg/Kg wet	1.67		76.4	40-140			
Indeno(1,2,3-cd)pyrene	1.63	0.17	mg/Kg wet	1.67		97.6	40-140			
Isophorone	1.31	0.34	mg/Kg wet	1.67		78.7	40-140			
2-Methylnaphthalene	1.17	0.17	mg/Kg wet	1.67		70.3	40-140			
2-Methylphenol	1.55	0.34	mg/Kg wet	1.67		93.0	30-130			
3/4-Methylphenol	1.45	0.34	mg/Kg wet	1.67		87.0	30-130			
Naphthalene	1.13	0.17	mg/Kg wet	1.67		67.8	40-140			
2-Nitroaniline	1.34	0.34	mg/Kg wet	1.67		80.7	40-140			
3-Nitroaniline	1.08	0.34	mg/Kg wet	1.67		64.6	40-140			†
4-Nitroaniline	1.40	0.34	mg/Kg wet	1.67		84.0	40-140			
Nitrobenzene	1.18	0.34	mg/Kg wet	1.67		70.6	40-140			
2-Nitrophenol	1.44	0.34	mg/Kg wet	1.67		86.4	30-130			
4-Nitrophenol	1.36	0.66	mg/Kg wet	1.67		81.8	10-130			
N-Nitrosodiphenylamine	1.79	0.34	mg/Kg wet	1.67		108	40-140			
N-Nitrosodi-n-propylamine	1.40	0.34	mg/Kg wet	1.67		84.2	40-140			
Pentachloronitrobenzene	0.897	0.34	mg/Kg wet	0.833		108	40-140			V-16
Pentachlorophenol	0.884	0.34	mg/Kg wet	1.67		53.1	30-130			
Phenanthrene	1.26	0.17	mg/Kg wet	1.67		75.7	40-140			
Phenol	1.51	0.34	mg/Kg wet	1.67		90.7	20-130			
Pyrene	1.18	0.17	mg/Kg wet	1.67		70.8	40-140			
Pyridine	1.07	0.34	mg/Kg wet	1.67		64.0	10-140			†
1,2,4,5-Tetrachlorobenzene	0.802	0.34	mg/Kg wet	0.833		96.2	40-140			
1,2,4-Trichlorobenzene	1.42	0.34	mg/Kg wet	1.67		85.3	40-140			
2,4,5-Trichlorophenol	1.56	0.34	mg/Kg wet	1.67		93.5	30-130			
2,4,6-Trichlorophenol	1.49	0.34	mg/Kg wet	1.67		89.6	30-130			
Surrogate: 2-Fluorophenol	*5.80*		mg/Kg wet	6.67		87.0	30-130			
Surrogate: Phenol-d6	*5.79*		mg/Kg wet	6.67		86.9	30-130			
Surrogate: Nitrobenzene-d5	*2.53*		mg/Kg wet	3.33		75.9	30-130			
Surrogate: 2-Fluorobiphenyl	*3.04*		mg/Kg wet	3.33		91.1	30-130			
Surrogate: 2,4,6-Tribromophenol	*6.81*		mg/Kg wet	6.67		102	30-130			
Surrogate: Terphenyl-d14	*3.12*		mg/Kg wet	3.33		93.5	30-130			
LCS Dup (B023005-BSD1)				Prepared: 12/01/10 Analyzed: 12/02/10						
Acenaphthene	1.22	0.17	mg/Kg wet	1.67		73.5	40-140	2.87	20	
Acenaphthylene	1.21	0.17	mg/Kg wet	1.67		72.4	40-140	1.36	20	
Aniline	1.36	0.34	mg/Kg wet	1.67		81.7	40-140	11.4	50	† ‡
Anthracene	1.29	0.17	mg/Kg wet	1.67		77.6	40-140	0.569	20	
Benzo(a)anthracene	1.38	0.17	mg/Kg wet	1.67		82.6	40-140	1.91	20	
Benzo(a)pyrene	1.45	0.17	mg/Kg wet	1.67		86.8	40-140	2.62	20	
Benzo(b)fluoranthene	1.41	0.17	mg/Kg wet	1.67		84.8	40-140	4.75	20	
Benzo(g,h,i)perylene	1.48	0.17	mg/Kg wet	1.67		88.7	40-140	3.11	20	
Benzo(k)fluoranthene	1.43	0.17	mg/Kg wet	1.67		85.8	40-140	4.21	20	
Bis(2-chloroethoxy)methane	1.41	0.34	mg/Kg wet	1.67		84.9	40-140	1.26	20	

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023005 - SW-846 3546											
LCS Dup (B023005-BSD1)				Prepared: 12/01/10 Analyzed: 12/02/10							
Bis(2-chloroethyl)ether	1.46	0.34	mg/Kg wet	1.67		87.7	40-140	2.45	20		
Bis(2-chloroisopropyl)ether	0.841	0.34	mg/Kg wet	1.67		50.5	40-140	4.33	20	V-04, V-05	
Bis(2-Ethylhexyl)phthalate	1.84	0.34	mg/Kg wet	1.67		110	40-140	1.17	20		
4-Bromophenylphenylether	1.66	0.34	mg/Kg wet	1.67		99.3	40-140	4.05	20		
Butylbenzylphthalate	1.72	0.66	mg/Kg wet	1.67		103	40-140	0.718	20		
Carbazole	1.27	0.17	mg/Kg wet	1.67		76.2	40-140	1.80	20		
4-Chloroaniline	0.682	0.66	mg/Kg wet	1.67		40.9	40-140	0.343	20		†
4-Chloro-3-methylphenol	1.41	0.66	mg/Kg wet	1.67		84.5	30-130	10.4	20		
2-Chloronaphthalene	1.28	0.34	mg/Kg wet	1.67		76.7	40-140	0.601	20		
2-Chlorophenol	1.49	0.34	mg/Kg wet	1.67		89.1	30-130	5.91	20		
4-Chlorophenylphenylether	1.58	0.34	mg/Kg wet	1.67		95.1	40-140	6.16	20		
Chrysene	1.33	0.17	mg/Kg wet	1.67		79.9	40-140	1.79	20		
Dibenz(a,h)anthracene	1.55	0.17	mg/Kg wet	1.67		93.1	40-140	5.23	20		
Dibenzofuran	1.53	0.34	mg/Kg wet	1.67		91.7	40-140	4.46	20		
Di-n-butylphthalate	1.58	0.34	mg/Kg wet	1.67		95.0	40-140	1.57	20		
3,3-Dichlorobenzidine	1.69	0.17	mg/Kg wet	1.67		101	40-140	0.982	20		† ‡
2,4-Dichlorophenol	1.56	0.34	mg/Kg wet	1.67		93.8	30-130	6.42	20		
Diethylphthalate	1.53	0.34	mg/Kg wet	1.67		91.6	40-140	4.47	20		
2,4-Dimethylphenol	1.47	0.34	mg/Kg wet	1.67		88.4	30-130	3.97	20		
Dimethylphthalate	1.53	0.66	mg/Kg wet	1.67		91.6	40-140	1.21	50		
4,6-Dinitro-2-methylphenol	1.28	0.34	mg/Kg wet	1.67		76.7	30-130	4.40	50		
2,4-Dinitrophenol	1.11	0.66	mg/Kg wet	1.67		66.7	30-130	2.95	50	V-04	
2,4-Dinitrotoluene	1.53	0.34	mg/Kg wet	1.67		91.8	40-140	7.09	20		
2,6-Dinitrotoluene	1.59	0.34	mg/Kg wet	1.67		95.6	40-140	3.47	20		
Di-n-octylphthalate	2.09	0.66	mg/Kg wet	1.67		126	40-140	6.57	20		
Fluoranthene	1.25	0.17	mg/Kg wet	1.67		74.8	40-140	4.42	20		
Fluorene	1.29	0.17	mg/Kg wet	1.67		77.6	40-140	6.08	20		
Hexachlorobenzene	1.60	0.34	mg/Kg wet	1.67		95.8	40-140	4.26	20		
Hexachlorobutadiene	1.32	0.34	mg/Kg wet	1.67		79.4	40-140	1.78	20		
Hexachlorocyclopentadiene	1.15	0.66	mg/Kg wet	1.67		68.9	30-140	1.76	50	V-05	
Hexachloroethane	1.35	0.34	mg/Kg wet	1.67		80.8	40-140	5.50	50		
Indeno(1,2,3-cd)pyrene	1.65	0.17	mg/Kg wet	1.67		99.1	40-140	1.50	50		
Isophorone	1.33	0.34	mg/Kg wet	1.67		80.0	40-140	1.66	20		
2-Methylnaphthalene	1.26	0.17	mg/Kg wet	1.67		75.8	40-140	7.58	20		
2-Methylphenol	1.57	0.34	mg/Kg wet	1.67		93.9	30-130	0.963	20		
3/4-Methylphenol	1.51	0.34	mg/Kg wet	1.67		90.6	30-130	4.05	20		
Naphthalene	1.19	0.17	mg/Kg wet	1.67		71.3	40-140	5.06	20		
2-Nitroaniline	1.39	0.34	mg/Kg wet	1.67		83.4	40-140	3.34	20		
3-Nitroaniline	1.10	0.34	mg/Kg wet	1.67		66.0	40-140	2.18	20		†
4-Nitroaniline	1.46	0.34	mg/Kg wet	1.67		87.9	40-140	4.52	20		
Nitrobenzene	1.30	0.34	mg/Kg wet	1.67		77.9	40-140	9.88	20		
2-Nitrophenol	1.48	0.34	mg/Kg wet	1.67		89.0	30-130	2.99	20		
4-Nitrophenol	1.22	0.66	mg/Kg wet	1.67		73.2	10-130	11.0	50		‡
N-Nitrosodiphenylamine	1.86	0.34	mg/Kg wet	1.67		112	40-140	3.52	20		
N-Nitrosodi-n-propylamine	1.41	0.34	mg/Kg wet	1.67		84.8	40-140	0.757	20		
Pentachloronitrobenzene	0.947	0.34	mg/Kg wet	0.833		114	40-140	5.42	20	V-16	
Pentachlorophenol	0.922	0.34	mg/Kg wet	1.67		55.3	30-130	4.13	50		
Phenanthrene	1.27	0.17	mg/Kg wet	1.67		76.3	40-140	0.710	20		
Phenol	1.59	0.34	mg/Kg wet	1.67		95.3	20-130	5.01	20		
Pyrene	1.19	0.17	mg/Kg wet	1.67		71.3	40-140	0.703	20		
Pyridine	1.16	0.34	mg/Kg wet	1.67		69.9	10-140	8.82	50		†
1,2,4,5-Tetrachlorobenzene	0.785	0.34	mg/Kg wet	0.833		94.2	40-140	2.14	20		

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023005 - SW-846 3546										
LCS Dup (B023005-BSD1)				Prepared: 12/01/10 Analyzed: 12/02/10						
1,2,4-Trichlorobenzene	1.49	0.34	mg/Kg wet	1.67		89.6	40-140	4.89	20	
2,4,5-Trichlorophenol	1.57	0.34	mg/Kg wet	1.67		94.3	30-130	0.831	20	
2,4,6-Trichlorophenol	1.53	0.34	mg/Kg wet	1.67		91.8	30-130	2.45	50	
Surrogate: 2-Fluorophenol	*6.01*		mg/Kg wet	6.67		90.2	30-130			
Surrogate: Phenol-d6	*6.00*		mg/Kg wet	6.67		90.1	30-130			
Surrogate: Nitrobenzene-d5	*2.64*		mg/Kg wet	3.33		79.1	30-130			
Surrogate: 2-Fluorobiphenyl	*2.92*		mg/Kg wet	3.33		87.7	30-130			
Surrogate: 2,4,6-Tribromophenol	*7.12*		mg/Kg wet	6.67		107	30-130			
Surrogate: Terphenyl-d14	*3.08*		mg/Kg wet	3.33		92.5	30-130			

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023002 - SW-846 3546										
Blank (B023002-BLK1)				Prepared: 12/01/10 Analyzed: 12/02/10						
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.150*		mg/Kg wet	0.200		75.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.170*		mg/Kg wet	0.200		85.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.167*		mg/Kg wet	0.200		83.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.172*		mg/Kg wet	0.200		86.0	30-150			
LCS (B023002-BS1)				Prepared: 12/01/10 Analyzed: 12/02/10						
Aroclor-1016	0.16	0.10	mg/Kg wet	0.200		81.6	40-140			
Aroclor-1016 [2C]	0.15	0.10	mg/Kg wet	0.200		76.8	40-140			
Aroclor-1260	0.16	0.10	mg/Kg wet	0.200		77.8	40-140			
Aroclor-1260 [2C]	0.15	0.10	mg/Kg wet	0.200		75.2	40-140			
Surrogate: Decachlorobiphenyl	*0.129*		mg/Kg wet	0.200		64.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.150*		mg/Kg wet	0.200		75.2	30-150			
Surrogate: Tetrachloro-m-xylene	*0.146*		mg/Kg wet	0.200		72.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.149*		mg/Kg wet	0.200		74.7	30-150			
LCS Dup (B023002-BSD1)				Prepared: 12/01/10 Analyzed: 12/02/10						
Aroclor-1016	0.16	0.10	mg/Kg wet	0.200		82.1	40-140	0.657	30	
Aroclor-1016 [2C]	0.16	0.10	mg/Kg wet	0.200		80.7	40-140	5.00	30	
Aroclor-1260	0.16	0.10	mg/Kg wet	0.200		77.8	40-140	0.00321	30	
Aroclor-1260 [2C]	0.15	0.10	mg/Kg wet	0.200		75.3	40-140	0.146	30	
Surrogate: Decachlorobiphenyl	*0.128*		mg/Kg wet	0.200		63.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.159*		mg/Kg wet	0.200		79.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.143*		mg/Kg wet	0.200		71.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.147*		mg/Kg wet	0.200		73.6	30-150			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023003 - SW-846 3546										
Blank (B023003-BLK1)				Prepared: 12/01/10 Analyzed: 12/02/10						
CT ETPH	ND	10	mg/Kg wet							
Surrogate: o-Terphenyl	*2.41*		mg/Kg wet	3.33		72.3	50-150			
LCS (B023003-BS1)				Prepared: 12/01/10 Analyzed: 12/02/10						
CT ETPH	21.7	10	mg/Kg wet	33.3		65.0	60-120			
Surrogate: o-Terphenyl	*2.31*		mg/Kg wet	3.33		69.2	50-150			
LCS Dup (B023003-BSD1)				Prepared: 12/01/10 Analyzed: 12/02/10						
CT ETPH	23.1	10	mg/Kg wet	33.3		69.3	60-120	6.31	30	
Surrogate: o-Terphenyl	*2.45*		mg/Kg wet	3.33		73.5	50-150			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B022998 - SW-846 7471										
Blank (B022998-BLK1)				Prepared: 12/01/10 Analyzed: 12/02/10						
Mercury	ND	0.025	mg/Kg wet							
LCS (B022998-BS1)				Prepared: 12/01/10 Analyzed: 12/02/10						
Mercury	1.60	0.033	mg/Kg wet	1.25		128	66-132			
LCS Dup (B022998-BSD1)				Prepared: 12/01/10 Analyzed: 12/02/10						
Mercury	1.46	0.033	mg/Kg wet	1.25		117	66-132	8.78	30	
Batch B023006 - SW-846 3050B										
Blank (B023006-BLK1)				Prepared & Analyzed: 12/01/10						
Antimony	ND	2.5	mg/Kg wet							
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Beryllium	ND	0.25	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Copper	ND	0.50	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
Nickel	ND	0.50	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							
Thallium	ND	2.5	mg/Kg wet							
Vanadium	ND	1.0	mg/Kg wet							
Zinc	ND	1.0	mg/Kg wet							
LCS (B023006-BS1)				Prepared: 12/01/10 Analyzed: 12/02/10						
Antimony	112	5.1	mg/Kg wet	103		109	30-203.7			
Arsenic	105	5.1	mg/Kg wet	107		98.1	81.6-118.4			
Barium	345	5.1	mg/Kg wet	331		104	80.7-119.3			
Beryllium	78.3	0.51	mg/Kg wet	74.1		106	81.6-118.9			
Cadmium	243	0.51	mg/Kg wet	244		99.5	82.4-117.6			
Chromium	79.1	1.0	mg/Kg wet	80.6		98.2	78.8-120.7			
Copper	73.8	1.0	mg/Kg wet	65.3		113	83.7-117.1			
Lead	103	1.5	mg/Kg wet	107		96.3	79.1-120.3			
Nickel	95.4	1.0	mg/Kg wet	96.8		98.5	81.2-119.2			
Selenium	177	10	mg/Kg wet	177		99.7	78.4-120.9			
Silver	45.4	1.0	mg/Kg wet	46.2		98.2	66.2-133.6			
Thallium	286	5.1	mg/Kg wet	272		105	77.6-122.4			
Vanadium	125	2.0	mg/Kg wet	115		108	79.4-120.1			
Zinc	363	2.0	mg/Kg wet	378		96.0	80.5-119.3			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023006 - SW-846 3050B										
LCS (B023006-BS2)				Prepared & Analyzed: 12/01/10						
Lead	0.760	0.74	mg/Kg wet	0.738		103	80-120			
LCS Dup (B023006-BSD1)				Prepared & Analyzed: 12/01/10						
Antimony	107	5.0	mg/Kg wet	103		104	30-203.7	4.85	30	
Arsenic	89.6	5.0	mg/Kg wet	107		83.8	81.6-118.4	15.8	30	
Barium	298	5.0	mg/Kg wet	331		90.1	80.7-119.3	14.5	30	
Beryllium	68.0	0.50	mg/Kg wet	74.1		91.8	81.6-118.9	14.1	30	
Cadmium	235	0.50	mg/Kg wet	244		96.4	82.4-117.6	3.21	30	
Chromium	75.2	1.0	mg/Kg wet	80.6		93.3	78.8-120.7	5.09	30	
Copper	61.7	1.0	mg/Kg wet	65.3		94.6	83.7-117.1	17.8	30	
Lead	96.9	1.5	mg/Kg wet	107		90.6	79.1-120.3	6.14	30	
Nickel	82.7	1.0	mg/Kg wet	96.8		85.4	81.2-119.2	14.2	30	
Selenium	153	10	mg/Kg wet	177		86.5	78.4-120.9	14.2	30	
Silver	37.5	1.0	mg/Kg wet	46.2		81.2	66.2-133.6	18.9	30	
Thallium	262	5.0	mg/Kg wet	272		96.4	77.6-122.4	8.60	30	
Vanadium	111	2.0	mg/Kg wet	115		96.4	79.4-120.1	11.7	30	
Zinc	325	2.0	mg/Kg wet	378		86.1	80.5-119.3	11.0	30	

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023014 - % Solids										
Duplicate (B023014-DUP3)	**Source: 10K0881-01**			Prepared & Analyzed: 12/01/10						
% Solids	87.4		% Wt		92.7			5.89	20	
Batch B023267 - SW846 9014										
Blank (B023267-BLK1)				Prepared & Analyzed: 12/07/10						
Cyanide	ND	0.47	mg/Kg wet							
LCS (B023267-BS1)				Prepared & Analyzed: 12/07/10						
Cyanide	43	0.93	mg/Kg wet	45.3		95.2	80-120			
LCS Dup (B023267-BSD1)				Prepared & Analyzed: 12/07/10						
Cyanide	47	0.94	mg/Kg wet	45.9		101	80-120	7.64	20	

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QUALITY CONTROL

SPLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B023077 - SW-846 3010A											
Blank (B023077-BLK1)				Prepared: 12/02/10 Analyzed: 12/03/10							
Antimony	ND	5.0	µg/L								
Arsenic	ND	2.0	µg/L								
Barium	ND	50	µg/L								
Beryllium	ND	2.0	µg/L								
Cadmium	ND	2.5	µg/L								
Copper	ND	25	µg/L								
Lead	ND	5.0	µg/L								
Nickel	ND	25	µg/L								
Selenium	ND	25	µg/L								
Silver	ND	2.5	µg/L								
Thallium	ND	1.0	µg/L								
Vanadium	ND	25	µg/L								
Zinc	ND	50	µg/L								
LCS (B023077-BS1)				Prepared: 12/02/10 Analyzed: 12/03/10							
Antimony	242	10	µg/L	250		96.8		80-120			
Arsenic	251	4.0	µg/L	250		100		80-120			
Barium	236	100	µg/L	250		94.6		80-120			
Beryllium	238	4.0	µg/L	250		95.2		80-120			
Cadmium	237	5.0	µg/L	250		94.7		80-120			
Copper	233	50	µg/L	250		93.2		80-120			
Lead	241	10	µg/L	250		96.5		80-120			
Nickel	233	50	µg/L	250		93.4		80-120			
Selenium	230	50	µg/L	250		92.0		80-120			
Silver	259	5.0	µg/L	250		104		80-120			
Thallium	223	2.0	µg/L	250		89.3		80-120			
Vanadium	214	50	µg/L	250		85.5		80-120			
Zinc	238	100	µg/L	250		95.2		80-120			
LCS Dup (B023077-BSD1)				Prepared: 12/02/10 Analyzed: 12/03/10							
Antimony	287	10	µg/L	250		115		80-120	16.9	20	
Arsenic	294	4.0	µg/L	250		118		80-120	15.9	20	
Barium	282	100	µg/L	250		113		80-120	17.6	20	
Beryllium	249	4.0	µg/L	250		99.5		80-120	4.36	20	
Cadmium	280	5.0	µg/L	250		112		80-120	16.8	20	
Copper	272	50	µg/L	250		109		80-120	15.6	20	
Lead	284	10	µg/L	250		114		80-120	16.4	20	
Nickel	273	50	µg/L	250		109		80-120	15.5	20	
Selenium	273	50	µg/L	250		109		80-120	17.0	20	
Silver	309	5.0	µg/L	250		**124**	*	80-120	17.5	20	L-07
Thallium	271	2.0	µg/L	250		108		80-120	19.2	20	
Vanadium	253	50	µg/L	250		101		80-120	17.0	20	
Zinc	280	100	µg/L	250		112		80-120	16.2	20	

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QUALITY CONTROL

SPLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023077 - SW-846 3010A										
Matrix Spike (B023077-MS1)		**Source: 10K0881-01**		Prepared: 12/02/10 Analyzed: 12/03/10						
Antimony	257	10	µg/L	250	ND	103	75-125			
Arsenic	265	4.0	µg/L	250	ND	106	75-125			
Barium	327	100	µg/L	250	81.8	98.2	75-125			
Beryllium	259	4.0	µg/L	250	0.321	104	75-125			
Cadmium	253	5.0	µg/L	250	0.767	101	75-125			
Copper	249	50	µg/L	250	5.72	97.3	75-125			
Lead	261	10	µg/L	250	8.51	101	75-125			
Nickel	242	50	µg/L	250	1.26	96.1	75-125			
Selenium	245	50	µg/L	250	ND	97.8	75-125			
Silver	276	5.0	µg/L	250	0.255	110	75-125			
Thallium	238	2.0	µg/L	250	1.57	94.7	75-125			
Vanadium	231	50	µg/L	250	ND	92.4	75-125			
Zinc	259	100	µg/L	250	ND	104	75-125			
Batch B023120 - SW-846 7470A Prep										
Blank (B023120-BLK1)				Prepared: 12/02/10 Analyzed: 12/03/10						
Mercury	ND	0.00010	mg/L							
LCS (B023120-BS1)				Prepared: 12/02/10 Analyzed: 12/03/10						
Mercury	0.00217	0.00010	mg/L	0.00200		108	80-120			
LCS Dup (B023120-BSD1)				Prepared: 12/02/10 Analyzed: 12/03/10						
Mercury	0.00210	0.00010	mg/L	0.00200		105	80-120	3.07	20	
Matrix Spike (B023120-MS1)		**Source: 10K0881-01**		Prepared: 12/02/10 Analyzed: 12/03/10						
Mercury	0.00212	0.00010	mg/L	0.00200	ND	106	75-125			
Batch B023235 - SW-846 3010A										
Blank (B023235-BLK1)				Prepared: 12/06/10 Analyzed: 12/07/10						
Chromium	ND	5.0	µg/L							
LCS (B023235-BS1)				Prepared: 12/06/10 Analyzed: 12/07/10						
Chromium	248	5.0	µg/L	250		99.0	80-120			
LCS Dup (B023235-BSD1)				Prepared: 12/06/10 Analyzed: 12/07/10						
Chromium	264	5.0	µg/L	250		106	80-120	6.58	20	
Matrix Spike (B023235-MS1)		**Source: 10K0881-03**		Prepared: 12/06/10 Analyzed: 12/07/10						
Chromium	246	5.0	µg/L	250	ND	98.3	75-125			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
DL-05	Sample required a dilution due to high internal standard recovery of the lesser diluted digestion, reporting limit is elevated.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
V-04	Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Soil	
CT ETPH	CT
SW-846 6010B in Soil	
Antimony	CT,NH,NY
Arsenic	CT,NH,NY
Barium	CT,NH,NY
Beryllium	CT,NH,NY
Cadmium	CT,NH,NY
Chromium	CT,NH,NY
Copper	CT,NH,NY
Lead	CT,NH,NY,AIHA
Nickel	CT,NH,NY
Selenium	CT,NH,NY
Silver	CT,NH,NY
Thallium	CT,NH,NY
Vanadium	CT,NH,NY
Zinc	CT,NH,NY
SW-846 7471A in Soil	
Mercury	CT,NH,NY
SW-846 8082 in Soil	
Aroclor-1016	CT,NH,NY,NC
Aroclor-1016 [2C]	CT,NH,NY,NC
Aroclor-1221	CT,NH,NY,NC
Aroclor-1221 [2C]	CT,NH,NY,NC
Aroclor-1232	CT,NH,NY,NC
Aroclor-1232 [2C]	CT,NH,NY,NC
Aroclor-1242	CT,NH,NY,NC
Aroclor-1242 [2C]	CT,NH,NY,NC
Aroclor-1248	CT,NH,NY,NC
Aroclor-1248 [2C]	CT,NH,NY,NC
Aroclor-1254	CT,NH,NY,NC
Aroclor-1254 [2C]	CT,NH,NY,NC
Aroclor-1260	CT,NH,NY,NC
Aroclor-1260 [2C]	CT,NH,NY,NC
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260B in Soil	
Acetone	CT,NH,NY,NC
Acrylonitrile	CT,NH,NY,NC
Benzene	CT,NH,NY,NC
Bromobenzene	NH,NY,NC
Bromodichloromethane	CT,NH,NY,NC
Bromoform	CT,NH,NY,NC
Bromomethane	CT,NH,NY,NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Soil	
2-Butanone (MEK)	CT,NH,NY,NC
n-Butylbenzene	CT,NH,NY,NC
sec-Butylbenzene	CT,NH,NY,NC
tert-Butylbenzene	CT,NH,NY,NC
Carbon Disulfide	CT,NH,NY,NC
Carbon Tetrachloride	CT,NH,NY,NC
Chlorobenzene	CT,NH,NY,NC
Chlorodibromomethane	CT,NH,NY,NC
Chloroethane	CT,NH,NY,NC
Chloroform	CT,NH,NY,NC
Chloromethane	CT,NH,NY,NC
2-Chlorotoluene	CT,NH,NY,NC
4-Chlorotoluene	CT,NH,NY,NC
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC
Dibromomethane	NH,NY,NC
1,2-Dichlorobenzene	CT,NH,NY,NC
1,3-Dichlorobenzene	CT,NH,NY,NC
1,4-Dichlorobenzene	CT,NH,NY,NC
trans-1,4-Dichloro-2-butene	NC
Dichlorodifluoromethane (Freon 12)	NY,NC
1,1-Dichloroethane	CT,NH,NY,NC
1,2-Dichloroethane	CT,NH,NY,NC
1,1-Dichloroethylene	CT,NH,NY,NC
cis-1,2-Dichloroethylene	CT,NH,NY,NC
trans-1,2-Dichloroethylene	CT,NH,NY,NC
1,2-Dichloropropane	CT,NH,NY,NC
1,3-Dichloropropane	NH,NY,NC
2,2-Dichloropropane	NH,NY,NC
1,1-Dichloropropene	NH,NY,NC
cis-1,3-Dichloropropene	CT,NH,NY,NC
trans-1,3-Dichloropropene	CT,NH,NY,NC
Ethylbenzene	CT,NH,NY,NC
Hexachlorobutadiene	NH,NY,NC
2-Hexanone (MBK)	CT,NH,NY,NC
Isopropylbenzene (Cumene)	CT,NH,NY,NC
p-Isopropyltoluene (p-Cymene)	NC
Methyl tert-Butyl Ether (MTBE)	NC
Methylene Chloride	CT,NH,NY,NC
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC
Naphthalene	NH,NY,NC
n-Propylbenzene	NC
Styrene	CT,NH,NY,NC
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC
Tetrachloroethylene	CT,NH,NY,NC
Tetrahydrofuran	NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Soil	
Toluene	CT,NH,NY,NC
1,2,3-Trichlorobenzene	NC
1,2,4-Trichlorobenzene	NH,NY,NC
1,1,1-Trichloroethane	CT,NH,NY,NC
1,1,2-Trichloroethane	CT,NH,NY,NC
Trichloroethylene	CT,NH,NY,NC
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC
1,2,3-Trichloropropane	NH,NY,NC
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC
1,2,4-Trimethylbenzene	CT,NH,NY,NC
1,3,5-Trimethylbenzene	CT,NH,NY,NC
Vinyl Chloride	CT,NH,NY,NC
m+p Xylene	CT,NH,NY,NC
o-Xylene	CT,NH,NY,NC
SW-846 8270C in Soil	
Acenaphthene	CT,NY,NH
Acenaphthylene	CT,NY,NH
Aniline	NY,NH
Anthracene	CT,NY,NH
Benzo(a)anthracene	CT,NY,NH
Benzo(a)pyrene	CT,NY,NH
Benzo(b)fluoranthene	CT,NY,NH
Benzo(g,h,i)perylene	CT,NY,NH
Benzo(k)fluoranthene	CT,NY,NH
Bis(2-chloroethoxy)methane	CT,NY,NH
Bis(2-chloroethyl)ether	CT,NY,NH
Bis(2-chloroisopropyl)ether	CT,NY,NH
Bis(2-Ethylhexyl)phthalate	CT,NY,NH
4-Bromophenylphenylether	CT,NY,NH
Butylbenzylphthalate	CT,NY,NH
4-Chloroaniline	CT,NY,NH
4-Chloro-3-methylphenol	CT,NY,NH
2-Chloronaphthalene	CT,NY,NH
2-Chlorophenol	CT,NY,NH
4-Chlorophenylphenylether	CT,NY,NH
Chrysene	CT,NY,NH
Dibenz(a,h)anthracene	CT,NY,NH
Dibenzofuran	CT,NY,NH
Di-n-butylphthalate	CT,NY,NH
1,2-Dichlorobenzene	NY,NH
1,3-Dichlorobenzene	NY,NH
1,4-Dichlorobenzene	NY,NH
3,3-Dichlorobenzidine	CT,NY,NH
2,4-Dichlorophenol	CT,NY,NH
Diethylphthalate	CT,NY,NH
2,4-Dimethylphenol	CT,NY,NH

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270C in Soil	
Dimethylphthalate	CT,NY,NH
4,6-Dinitro-2-methylphenol	CT,NY,NH
2,4-Dinitrophenol	CT,NY,NH
2,4-Dinitrotoluene	CT,NY,NH
2,6-Dinitrotoluene	CT,NY,NH
Di-n-octylphthalate	CT,NY,NH
Fluoranthene	CT,NY,NH
Fluorene	NY,NH
Hexachlorobenzene	CT,NY,NH
Hexachlorobutadiene	CT,NY,NH
Hexachlorocyclopentadiene	CT,NY,NH
Hexachloroethane	CT,NY,NH
Indeno(1,2,3-cd)pyrene	CT,NY,NH
Isophorone	CT,NY,NH
2-Methylnaphthalene	CT,NY,NH
2-Methylphenol	CT,NY,NH
3/4-Methylphenol	CT,NY,NH
Naphthalene	CT,NY,NH
2-Nitroaniline	CT,NY,NH
3-Nitroaniline	CT,NY,NH
4-Nitroaniline	CT,NY,NH
Nitrobenzene	CT,NY,NH
2-Nitrophenol	CT,NY,NH
4-Nitrophenol	CT,NY,NH
N-Nitrosodiphenylamine	CT,NY,NH
N-Nitrosodi-n-propylamine	CT,NY,NH
Pentachlorophenol	CT,NY,NH
Phenanthrene	CT,NY,NH
Phenol	CT,NY,NH
Pyrene	CT,NY,NH
Pyridine	CT,NY,NH
1,2,4-Trichlorobenzene	CT,NY,NH
2,4,5-Trichlorophenol	CT,NY,NH
2,4,6-Trichlorophenol	CT,NY,NH
SW846 9014 in Soil	
Cyanide	NY,CT,NC

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The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2010
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
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Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East Longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

10k0881

Page 1 of

Company Name: AMRF, INC.
Address: 700 MAIN STREET SUITE C
WILLIMANTIC, CT 06226
Attention: GLEN STEFANIAK
Project Location: 6 RUBBER AVE, NAUGATUCK
Sampled By: STEVE GRENS

Telephone: 646-388-9882
Project #: 91065
Client PO#:

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ⊘ EMAIL ○ WEBSITE
Fax #:
Email: gstefaniak@aksf.com
Format: ⊗PDF ⊗EXCEL ○GIS
○ OTHER
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	VOCs	SVOCs	ETPH	TOTAL RSR 15 METALS	SPLP RSR 15 METALS	PCBs	CYANIDE					# of Containers	** Preservation	***Container Type
								V	A	A	A	A	A						M	I	I	I	I	I	V	A	A	A	A	A	A	A
-01	GDC-TP-01(2-4)	11/30/10	11/30/10		✓	S	U		X	X	X	X	X																		
-02	GDC-TP-01(6-7)	11/30/10	11/30/10		✓	S	U		X	X	X	X	X																		
-03	GDC-TP-05(2-4)	11/30/10	11/30/10		✓	S	U		X	X	X	X	X	X																	
-04	GDC-TP-03A(10-12)	11/30/10	11/30/10		✓	S	U		X	X	X	X	X	X																	
-05	~~Trip Blank~~ Sig																														
-06	TB20101101	11/30/10				O		X																							

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other Trip

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Comments: ~~Hold~~ Hold Sample(s): GDC-TP-01(6-7)
11-30-10 18:04 IN

	Date/Time:
Relinquished by: (signature)	11/30/10 1550
Received by: (signature)	11/30 1550
Relinquished by: (signature)	11/30 1800
Received by: (signature)	11/30/10 1800

Turnaround ††
☒ 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: CT RSR
RDEC, GBPMC
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
⊘ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED. PLEASE BE CAREFUL NOT TO CONTAMINATE YOUR SAMPLES

www.contestlabs.com

Sample Receipt Checklist

39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

CLIENT NAME: AKRF, Inc. RECEIVED BY: CB DATE: 11/30/10

1) Was the chain(s) of custody relinquished and signed? (Yes) No

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 5.1

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any samples "On Hold"? (Yes) No Stored where: 19

7) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

8) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature:

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)	8	2 oz amber/clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below	3	SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
~~Flashpoint bottle~~		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 1
Bisulfate _____ # DI Water 2
Thiosulfate _____ Unpreserved _____

Time and Date Frozen: 11-30-10 18:04 IN

Do all samples have the proper Acid pH: Yes No (N/A) _____

Do all samples have the proper Base pH: Yes No (N/A) _____

CT ETPH DISCRIMINATION CHECK

Date Acquired	12/2/10
Data File Name	A1202036.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.31	335245	363480	-8
c - 10	1.69	343561	363480	-5
c - 12	2.43	354421	363480	-2
c - 14	3.11	365142	363480	0
c - 16	3.72	374485	363480	3
c - 18	4.36	381724	363480	5
o-Terphenyl	4.66	400679	363480	
c - 20	4.96	379815	363480	4
c - 22	5.46	372755	363480	3
c - 24	5.90	384224	363480	6
c - 26	6.30	382038	363480	5
c - 28	6.66	376917	363480	4
c - 30	6.99	370642	363480	2
c - 32	7.31	358028	363480	-1
c - 34	7.61	342554	363480	-6
c - 36	7.99	330645	363480	-9

* One compound allowed %D </= 50%

Samples

10K0881-04
10K0887-01@10X
10K0887-05@10X
10K0881-01

CT ETPH DISCRIMINATION CHECK

Date Acquired	12/2/10
Data File Name	A1202033.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.09	264841	272713	-3
c - 10	1.44	271551	272713	0
c - 12	2.15	279783	272713	3
c - 14	2.81	286209	272713	5
c - 16	3.40	290183	272713	6
c - 18	3.97	291557	272713	7
o-Terphenyl	4.24	304078	272713	
c - 20	4.59	287178	272713	5
c - 22	5.10	277145	272713	2
c - 24	5.55	281723	272713	3
c - 26	5.94	276644	272713	1
c - 28	6.30	272666	272713	0
c - 30	6.63	266406	272713	-2
c - 32	6.94	258366	272713	-5
c - 34	7.23	248224	272713	-9
c - 36	7.51	238225	272713	-13

* One compound allowed %D </= 50%

Samples

10K0887-06
10K0887-07
10K0887-08@4X
10K0881-03@4X

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: AKRF - WILLIMANTIC, CT

Project Location: 6 Rubber Ave, Naugatuck, CT

Project Number: 10K0881

Laboratory Sample ID(s):

10K0881-01 thru 10K0881-05

Sample Date(s):

11/30/2010

List RCP Methods Used:

CTDEP ETPH, SW-846 1312, SW-846 6010B, SW-846 6020A, SW-846 7470A, SW-846 7471A, SW-846 8082, SW-846 8260B, SW-846 8270C, SW846 9014

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ 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)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

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 Manager

Printed Name: Daren J. Damboragian **Date:** 12/07/10

Name of Laboratory: Con-Test Analytical Laboratory

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

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December 8, 2010

Glen Stefaniak
AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226

Project Location: 6 Rubber Ave., Naugatuck, CT
Client Job Number:
Project Number: 91065
Laboratory Work Order Number: 10L0028

Enclosed are results of analyses for samples received by the laboratory on December 1, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Susan M. Burney
Project Manager

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

AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226
ATTN: Glen Stefaniak

REPORT DATE: 12/8/2010

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 91065

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10L0028

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

PROJECT LOCATION: 6 Rubber Ave., Naugatuck, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GDC-TP-05 (2-4)	10L0028-02	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW846 9014	
GDC-TP-05 (8-10)	10L0028-03	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8270C	
				SW846 9014	
GDC-TP-11 (0-2)	10L0028-04	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW846 9014	

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AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226
ATTN: Glen Stefaniak

REPORT DATE: 12/8/2010

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 91065

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10L0028

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

PROJECT LOCATION: 6 Rubber Ave., Naugatuck, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GDC-TP-11 (6-8)	10L0028-06	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8270C	
				SW846 9014	
GDC-TP-06 (2-4)	10L0028-08	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8270C	
				SW846 9014	
TB20101201	10L0028-09	Trip Blank Soil		SW-846 8260B	

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CASE NARRATIVE SUMMARY

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

CTDEP ETPH

Qualifications:

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

Analyte & Samples(s) Qualified:

o-Terphenyl

10L0028-02[GDC-TP-05 (2-4)]

SW-846 8082

Qualifications:

Sample contains two incompletely resolved aroclors. Aroclor with the closest matching pattern is reported. Possibly contains Aroclor 1248 as well. See attached chromatogram.

Analyte & Samples(s) Qualified:

Aroclor-1254

10L0028-02[GDC-TP-05 (2-4)]

SW-846 8260B

Qualifications:

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

Analyte & Samples(s) Qualified:

2-Butanone (MEK), Acetone, Acrylonitrile, Tetrahydrofuran

10L0028-02[GDC-TP-05 (2-4)], 10L0028-04[GDC-TP-11 (0-2)], 10L0028-09[TB20101201], B023068-BLK1, B023068-BS1, B023144-BLK1, B023144-BS1

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

Analyte & Samples(s) Qualified:

trans-1,4-Dichloro-2-butene

B023068-BS1

SW-846 8270C

Qualifications:

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

Analyte & Samples(s) Qualified:

Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Chrysene, Fluoranthene, Indeno(1,2,3-cd)pyrene, Phenanthrene, Pyrene

10L0028-02[GDC-TP-05 (2-4)], 10L0028-06[GDC-TP-11 (6-8)]

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

Analyte & Samples(s) Qualified:

4-Chloroaniline

10L0028-08[GDC-TP-06 (2-4)], B023195-BLK1, B023195-BS1, B023195-BSD1

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

Analyte & Samples(s) Qualified:

Bis(2-chloroisopropyl)ether, Di-n-octylphthalate

B023195-BSD1, B023112-BSD1

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

Analyte & Samples(s) Qualified:

2-Methylphenol, 4-Chloroaniline

B023112-BS1, B023112-BSD1

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

Analyte & Samples(s) Qualified:

2-Methylphenol, 3/4-Methylphenol, 4-Chloro-3-methylphenol, 4-Chloroaniline, N-Nitrosodi-n-propylamine

10L0028-02[GDC-TP-05 (2-4)], 10L0028-02RE1[GDC-TP-05 (2-4)], 10L0028-03[GDC-TP-05 (8-10)], 10L0028-04[GDC-TP-11 (0-2)], 10L0028-06[GDC-TP-11 (6-8)], 10L0028-06RE1[GDC-TP-11 (6-8)], B023112-BLK1, B023112-BS1, B023112-BSD1

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

Analyte & Samples(s) Qualified:

2,4,6-Tribromophenol, 2-Fluorobiphenyl, 2-Fluorophenol, Nitrobenzene-d5, Phenol-d6, Terphenyl-d14

10L0028-02RE1[GDC-TP-05 (2-4)]

One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.

Analyte & Samples(s) Qualified:

2,4,6-Tribromophenol, Terphenyl-d14

10L0028-04[GDC-TP-11 (0-2)], 10L0028-03[GDC-TP-05 (8-10)]

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

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, Bis(2-chloroisopropyl)ether

10L0028-02[GDC-TP-05 (2-4)], 10L0028-02RE1[GDC-TP-05 (2-4)], 10L0028-03[GDC-TP-05 (8-10)], 10L0028-04[GDC-TP-11 (0-2)], 10L0028-06[GDC-TP-11 (6-8)], 10L0028-06RE1[GDC-TP-11 (6-8)], 10L0028-08[GDC-TP-06 (2-4)], B023112-BLK1, B023112-BS1, B023112-BSD1, B023195-BLK1, B023195-BS1, B023195-BSD1

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

Analyte & Samples(s) Qualified:

Bis(2-chloroisopropyl)ether, Hexachlorocyclopentadiene

10L0028-02RE1[GDC-TP-05 (2-4)], 10L0028-04[GDC-TP-11 (0-2)], 10L0028-06[GDC-TP-11 (6-8)], 10L0028-06RE1[GDC-TP-11 (6-8)], 10L0028-08[GDC-TP-06 (2-4)], B023112-BLK1, B023112-BS1, B023112-BSD1

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

Analyte & Samples(s) Qualified:

Dibenz(a,h)anthracene

10L0028-06[GDC-TP-11 (6-8)]

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

Analyte & Samples(s) Qualified:

Pentachloronitrobenzene

10L0028-02[GDC-TP-05 (2-4)], 10L0028-02RE1[GDC-TP-05 (2-4)], 10L0028-03[GDC-TP-05 (8-10)], 10L0028-04[GDC-TP-11 (0-2)], 10L0028-06[GDC-TP-11 (6-8)], 10L0028-06RE1[GDC-TP-11 (6-8)], 10L0028-08[GDC-TP-06 (2-4)], B023112-BLK1, B023112-BS1, B023112-BSD1, B023195-BLK1, B023195-BS1, B023195-BSD1

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SW-846 8260B

The LCS recoveries for required CT reasonable confidence protocol (RCP) 8260 compounds were all within limits specified by the method except for “difficult analytes” where control limits somewhere between 40-160% are used and/or unless otherwise listed in this narrative: Difficult analytes: MIBK, MEK, Tert-butyl Alcohol, Acetone, 1,4-Dioxane, Vinyl Chloride, Chloromethane, Dichlorodifluoromethane, 2-Hexanone, Naphthalene, Bromomethane, Methylene Chloride, and tert-butylbenzene.

SW-846 8270C

The LCS sample recoveries for required RCP 8270 compounds were all within control limits specified by the method, 40-140% for base/neutrals and 30-130% for acids except for “difficult analytes” listed below and/or otherwise listed in this narrative: Difficult analytes for soil - limits between 10 and 180% depending on the compound (see QC summary for limits): 3,3’-Dichlorobenzidine, Pyridine, Aniline, 4-Chloroaniline, 3-Nitroaniline, and n-Nitrosodiphenylamine.

All reporting limits specified on the chain-of-custody were met, except for Pyridine, 1,2,4,5-Tetrachlorobenzene and Pentachloronitrobenzene for the most protective criteria since the laboratory cannot achieve the required RCP calibration criteria at these levels unless otherwise listed in this narrative.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Daren J. Damboragian
Laboratory Manager

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-05 (2-4) | Sampled: 12/1/2010 07:50

Sample ID: 10L0028-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.21	mg/Kg dry	1	V-16	SW-846 8260B	12/2/10	12/2/10 16:30	MFF
Acrylonitrile	ND	0.013	mg/Kg dry	1	V-16	SW-846 8260B	12/2/10	12/2/10 16:30	MFF
Benzene	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
Bromobenzene	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
Bromodichloromethane	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
Bromoform	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
Bromomethane	ND	0.021	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
2-Butanone (MEK)	ND	0.086	mg/Kg dry	1	V-16	SW-846 8260B	12/2/10	12/2/10 16:30	MFF
n-Butylbenzene	ND	0.0086	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
sec-Butylbenzene	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
tert-Butylbenzene	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
Carbon Disulfide	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
Carbon Tetrachloride	ND	0.0086	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
Chlorobenzene	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
Chlorodibromomethane	ND	0.0086	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
Chloroethane	ND	0.043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
Chloroform	ND	0.0086	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
Chloromethane	ND	0.021	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
2-Chlorotoluene	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
4-Chlorotoluene	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
1,2-Dibromoethane (EDB)	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
Dibromomethane	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
1,2-Dichlorobenzene	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
1,3-Dichlorobenzene	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
1,4-Dichlorobenzene	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
trans-1,4-Dichloro-2-butene	ND	0.0086	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
1,1-Dichloroethane	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
1,2-Dichloroethane	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
1,1-Dichloroethylene	ND	0.0086	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
cis-1,2-Dichloroethylene	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
trans-1,2-Dichloroethylene	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
1,2-Dichloropropane	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
1,3-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
2,2-Dichloropropane	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
1,1-Dichloropropene	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
cis-1,3-Dichloropropene	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
trans-1,3-Dichloropropene	ND	0.0086	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
Ethylbenzene	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
Hexachlorobutadiene	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
2-Hexanone (MBK)	ND	0.043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
Isopropylbenzene (Cumene)	ND	0.0086	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-05 (2-4) | Sampled: 12/1/2010 07:50

Sample ID: 10L0028-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	0.0059	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0086	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
Methylene Chloride	ND	0.043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
Naphthalene	0.19	0.0086	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
n-Propylbenzene	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
Styrene	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
1,1,1,2-Tetrachloroethane	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
1,1,2,2-Tetrachloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
Tetrachloroethylene	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
Tetrahydrofuran	ND	0.021	mg/Kg dry	1	V-16	SW-846 8260B	12/2/10	12/2/10 16:30	MFF
Toluene	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
1,2,3-Trichlorobenzene	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
1,2,4-Trichlorobenzene	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
1,1,1-Trichloroethane	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
1,1,2-Trichloroethane	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
Trichloroethylene	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
Trichlorofluoromethane (Freon 11)	ND	0.021	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
1,2,3-Trichloropropane	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.021	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
1,2,4-Trimethylbenzene	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
1,3,5-Trimethylbenzene	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
Vinyl Chloride	ND	0.021	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
m+p Xylene	ND	0.0086	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF
o-Xylene	ND	0.0043	mg/Kg dry	1		SW-846 8260B	12/2/10	12/2/10 16:30	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	104	70-130		12/2/10 16:30
Toluene-d8	94.8	70-130		12/2/10 16:30
4-Bromofluorobenzene	103	70-130		12/2/10 16:30

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Date Received: 12/1/2010

Field Sample #: GDC-TP-05 (2-4) | Sampled: 12/1/2010 07:50

Sample ID: 10L0028-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	22	20	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Acenaphthene	21	2.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Acenaphthylene	ND	20	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Acenaphthylene	6.7	2.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Aniline	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Aniline	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Anthracene	76	20	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Anthracene	70	2.0	mg/Kg dry	4	E	SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Benzo(a)anthracene	110	20	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Benzo(a)anthracene	110	2.0	mg/Kg dry	4	E	SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Benzo(a)pyrene	89	20	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Benzo(a)pyrene	91	2.0	mg/Kg dry	4	E	SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Benzo(b)fluoranthene	100	20	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Benzo(b)fluoranthene	100	2.0	mg/Kg dry	4	E	SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Benzo(g,h,i)perylene	54	20	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Benzo(g,h,i)perylene	54	2.0	mg/Kg dry	4	E	SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Benzo(k)fluoranthene	39	20	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Benzo(k)fluoranthene	30	2.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Bis(2-chloroethoxy)methane	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Bis(2-chloroethoxy)methane	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Bis(2-chloroethyl)ether	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Bis(2-chloroethyl)ether	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Bis(2-chloroisopropyl)ether	ND	40	mg/Kg dry	40	V-04, V-05	SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Bis(2-chloroisopropyl)ether	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Bis(2-Ethylhexyl)phthalate	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Bis(2-Ethylhexyl)phthalate	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
4-Bromophenylphenylether	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
4-Bromophenylphenylether	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Butylbenzylphthalate	ND	77	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Butylbenzylphthalate	ND	7.7	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Carbazole	29	20	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Carbazole	27	2.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
4-Chloroaniline	ND	77	mg/Kg dry	40	R-05	SW-846 8270C	12/2/10	12/6/10 18:26	BGL
4-Chloroaniline	ND	7.7	mg/Kg dry	4	R-05	SW-846 8270C	12/2/10	12/4/10 20:56	BGL
4-Chloro-3-methylphenol	ND	77	mg/Kg dry	40	R-05	SW-846 8270C	12/2/10	12/6/10 18:26	BGL
4-Chloro-3-methylphenol	ND	7.7	mg/Kg dry	4	R-05	SW-846 8270C	12/2/10	12/4/10 20:56	BGL
2-Chloronaphthalene	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
2-Chloronaphthalene	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
2-Chlorophenol	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
2-Chlorophenol	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
4-Chlorophenylphenylether	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
4-Chlorophenylphenylether	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Chrysene	100	20	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL

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Field Sample #: GDC-TP-05 (2-4) | Sampled: 12/1/2010 07:50

Sample ID: 10L0028-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Chrysene	110	2.0	mg/Kg dry	4	E	SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Dibenz(a,h)anthracene	ND	20	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Dibenz(a,h)anthracene	15	2.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Dibenzofuran	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Dibenzofuran	29	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Di-n-butylphthalate	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Di-n-butylphthalate	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
3,3-Dichlorobenzidine	ND	20	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
3,3-Dichlorobenzidine	ND	2.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
2,4-Dichlorophenol	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
2,4-Dichlorophenol	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Diethylphthalate	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Diethylphthalate	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
2,4-Dimethylphenol	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
2,4-Dimethylphenol	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Dimethylphthalate	ND	77	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Dimethylphthalate	ND	7.7	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
4,6-Dinitro-2-methylphenol	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
4,6-Dinitro-2-methylphenol	ND	4.0	mg/Kg dry	4	V-04	SW-846 8270C	12/2/10	12/4/10 20:56	BGL
2,4-Dinitrophenol	ND	77	mg/Kg dry	40	V-04	SW-846 8270C	12/2/10	12/6/10 18:26	BGL
2,4-Dinitrophenol	ND	7.7	mg/Kg dry	4	V-04	SW-846 8270C	12/2/10	12/4/10 20:56	BGL
2,4-Dinitrotoluene	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
2,4-Dinitrotoluene	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
2,6-Dinitrotoluene	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
2,6-Dinitrotoluene	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Di-n-octylphthalate	ND	77	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Di-n-octylphthalate	ND	7.7	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Fluoranthene	250	20	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Fluoranthene	170	2.0	mg/Kg dry	4	E	SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Fluorene	52	20	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Fluorene	40	2.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Hexachlorobenzene	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Hexachlorobenzene	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Hexachlorobutadiene	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Hexachlorobutadiene	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Hexachlorocyclopentadiene	ND	77	mg/Kg dry	40	V-05	SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Hexachlorocyclopentadiene	ND	7.7	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Hexachloroethane	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Hexachloroethane	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Indeno(1,2,3-cd)pyrene	72	20	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Indeno(1,2,3-cd)pyrene	70	2.0	mg/Kg dry	4	E	SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Isophorone	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Isophorone	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL

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Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	20	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
2-Methylnaphthalene	7.7	2.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
2-Methylphenol	ND	40	mg/Kg dry	40	R-05	SW-846 8270C	12/2/10	12/6/10 18:26	BGL
2-Methylphenol	ND	4.0	mg/Kg dry	4	R-05	SW-846 8270C	12/2/10	12/4/10 20:56	BGL
3/4-Methylphenol	ND	40	mg/Kg dry	40	R-05	SW-846 8270C	12/2/10	12/6/10 18:26	BGL
3/4-Methylphenol	ND	4.0	mg/Kg dry	4	R-05	SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Naphthalene	ND	20	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Naphthalene	14	2.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
2-Nitroaniline	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
2-Nitroaniline	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
3-Nitroaniline	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
3-Nitroaniline	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
4-Nitroaniline	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
4-Nitroaniline	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Nitrobenzene	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Nitrobenzene	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
2-Nitrophenol	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
2-Nitrophenol	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
4-Nitrophenol	ND	7.7	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
4-Nitrophenol	ND	77	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
N-Nitrosodiphenylamine	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
N-Nitrosodiphenylamine	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
N-Nitrosodi-n-propylamine	ND	40	mg/Kg dry	40	R-05	SW-846 8270C	12/2/10	12/6/10 18:26	BGL
N-Nitrosodi-n-propylamine	ND	4.0	mg/Kg dry	4	R-05	SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Pentachloronitrobenzene	ND	40	mg/Kg dry	40	V-16	SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Pentachloronitrobenzene	ND	4.0	mg/Kg dry	4	V-16	SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Pentachlorophenol	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Pentachlorophenol	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Phenanthrene	300	20	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Phenanthrene	220	2.0	mg/Kg dry	4	E	SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Phenol	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Phenol	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Pyrene	230	20	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Pyrene	200	2.0	mg/Kg dry	4	E	SW-846 8270C	12/2/10	12/4/10 20:56	BGL
Pyridine	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
Pyridine	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
1,2,4,5-Tetrachlorobenzene	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
1,2,4,5-Tetrachlorobenzene	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
1,2,4-Trichlorobenzene	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
1,2,4-Trichlorobenzene	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
2,4,5-Trichlorophenol	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL
2,4,5-Trichlorophenol	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL
2,4,6-Trichlorophenol	ND	40	mg/Kg dry	40		SW-846 8270C	12/2/10	12/6/10 18:26	BGL

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

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-05 (2-4) Sampled: 12/1/2010 07:50

Sample ID: 10L0028-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4,6-Trichlorophenol	ND	4.0	mg/Kg dry	4		SW-846 8270C	12/2/10	12/4/10 20:56	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	*	30-130	S-01	12/6/10 18:26
2-Fluorophenol	67.5	30-130		12/4/10 20:56
Phenol-d6	*	30-130	S-01	12/6/10 18:26
Phenol-d6	69.7	30-130		12/4/10 20:56
Nitrobenzene-d5	*	30-130	S-01	12/6/10 18:26
Nitrobenzene-d5	78.3	30-130		12/4/10 20:56
2-Fluorobiphenyl	*	30-130	S-01	12/6/10 18:26
2-Fluorobiphenyl	77.1	30-130		12/4/10 20:56
2,4,6-Tribromophenol	*	30-130	S-01	12/6/10 18:26
2,4,6-Tribromophenol	38.1	30-130		12/4/10 20:56
Terphenyl-d14	82.2	30-130		12/4/10 20:56
Terphenyl-d14	*	30-130	S-01	12/6/10 18:26

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-05 (2-4) | Sampled: 12/1/2010 07:50

Sample ID: 10L0028-02

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	12/2/10	12/6/10 14:24	PJG
Aroclor-1221 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	12/2/10	12/6/10 14:24	PJG
Aroclor-1232 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	12/2/10	12/6/10 14:24	PJG
Aroclor-1242 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	12/2/10	12/6/10 14:24	PJG
Aroclor-1248 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	12/2/10	12/6/10 14:24	PJG
Aroclor-1254 [1]	1.5	0.15	mg/Kg dry	1	O-21	SW-846 8082	12/2/10	12/6/10 14:24	PJG
Aroclor-1260 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	12/2/10	12/6/10 14:24	PJG
Aroclor-1262 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	12/2/10	12/6/10 14:24	PJG
Aroclor-1268 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	12/2/10	12/6/10 14:24	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	63.0	30-150		12/6/10 14:24
Decachlorobiphenyl [2]	102	30-150		12/6/10 14:24
Tetrachloro-m-xylene [1]	67.1	30-150		12/6/10 14:24
Tetrachloro-m-xylene [2]	76.2	30-150		12/6/10 14:24

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-05 (2-4) | Sampled: 12/1/2010 07:50

Sample ID: 10L0028-02

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	6600	730	mg/Kg dry	50		CTDEP ETPH	12/2/10	12/7/10 0:15	CJM

Surrogates	% Recovery	Recovery Limits	Flag			
o-Terphenyl	*	50-150	S-01			12/7/10 0:15

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-05 (2-4) Sampled: 12/1/2010 07:50

Sample ID: 10L0028-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	3.6	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:31	OP
Arsenic	ND	3.6	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:31	OP
Barium	840	3.6	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:31	OP
Beryllium	ND	0.36	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:31	OP
Cadmium	2.1	0.36	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:31	OP
Chromium	20	0.73	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:31	OP
Copper	49	0.73	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:31	OP
Lead	910	1.1	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:31	OP
Mercury	0.59	0.019	mg/Kg dry	1		SW-846 7471A	12/2/10	12/6/10 12:59	CWB
Nickel	15	0.73	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:31	OP
Selenium	ND	7.3	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:31	OP
Silver	ND	0.73	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:31	OP
Thallium	ND	3.6	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:31	OP
Vanadium	37	1.5	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:31	OP
Zinc	1000	1.5	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:31	OP

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-05 (2-4) | Sampled: 12/1/2010 07:50

Sample ID: 10L0028-02

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	0.79	0.72	mg/Kg dry	1		SW846 9014	12/8/10	12/8/10 13:45	VAK
% Solids	68.4		% Wt	1		SM 2540G	12/2/10	12/2/10 17:33	VAF

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-05 (2-4) Sampled: 12/1/2010 07:50

Sample ID: 10L0028-02

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:52	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:52	KSH
Barium	260	50	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:52	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:52	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:52	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:52	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:52	KSH
Lead	140	5.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:52	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/6/10	12/6/10 15:09	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:52	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:52	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:52	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:52	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:52	KSH
Zinc	220	50	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:52	KSH

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-05 (8-10) | Sampled: 12/1/2010 08:10

Sample ID: 10L0028-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Aniline	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Benzo(a)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Benzo(a)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Benzo(b)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Benzo(g,h,i)perylene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Bis(2-chloroethoxy)methane	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Bis(2-chloroethyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Bis(2-chloroisopropyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
4-Bromophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Butylbenzylphthalate	ND	0.69	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Carbazole	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
4-Chloroaniline	ND	0.69	mg/Kg dry	1	R-05	SW-846 8270C	12/2/10	12/4/10 21:31	BGL
4-Chloro-3-methylphenol	ND	0.69	mg/Kg dry	1	R-05	SW-846 8270C	12/2/10	12/4/10 21:31	BGL
2-Chloronaphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
2-Chlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
4-Chlorophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Chrysene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Dibenzofuran	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Di-n-butylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
2,4-Dichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Diethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
2,4-Dimethylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Dimethylphthalate	ND	0.69	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
4,6-Dinitro-2-methylphenol	ND	0.36	mg/Kg dry	1	V-04	SW-846 8270C	12/2/10	12/4/10 21:31	BGL
2,4-Dinitrophenol	ND	0.69	mg/Kg dry	1	V-04	SW-846 8270C	12/2/10	12/4/10 21:31	BGL
2,4-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
2,6-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Di-n-octylphthalate	ND	0.69	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Hexachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Hexachlorobutadiene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Hexachlorocyclopentadiene	ND	0.69	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Hexachloroethane	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Indeno(1,2,3-cd)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Isophorone	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-05 (8-10) | Sampled: 12/1/2010 08:10

Sample ID: 10L0028-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
2-Methylphenol	ND	0.36	mg/Kg dry	1	R-05	SW-846 8270C	12/2/10	12/4/10 21:31	BGL
3/4-Methylphenol	ND	0.36	mg/Kg dry	1	R-05	SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
2-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
3-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
4-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Nitrobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
2-Nitrophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
4-Nitrophenol	ND	0.69	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
N-Nitrosodiphenylamine	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
N-Nitrosodi-n-propylamine	ND	0.36	mg/Kg dry	1	R-05	SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Pentachloronitrobenzene	ND	0.36	mg/Kg dry	1	V-16	SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Pentachlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Phenanthrene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Phenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
Pyridine	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
1,2,4-Trichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
2,4,5-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL
2,4,6-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 21:31	BGL

Surrogates	% Recovery		Recovery Limits	Flag	
2-Fluorophenol	83.7		30-130		12/4/10 21:31
Phenol-d6	79.2		30-130		12/4/10 21:31
Nitrobenzene-d5	79.3		30-130		12/4/10 21:31
2-Fluorobiphenyl	97.4		30-130		12/4/10 21:31
2,4,6-Tribromophenol	80.5		30-130		12/4/10 21:31
Terphenyl-d14	**156**	*	30-130	S-07	12/4/10 21:31

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-05 (8-10) | Sampled: 12/1/2010 08:10

Sample ID: 10L0028-03

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/2/10	12/6/10 11:55	PJG
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/2/10	12/6/10 11:55	PJG
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/2/10	12/6/10 11:55	PJG
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/2/10	12/6/10 11:55	PJG
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/2/10	12/6/10 11:55	PJG
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/2/10	12/6/10 11:55	PJG
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/2/10	12/6/10 11:55	PJG
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/2/10	12/6/10 11:55	PJG
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/2/10	12/6/10 11:55	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	90.8	30-150		12/6/10 11:55
Decachlorobiphenyl [2]	98.1	30-150		12/6/10 11:55
Tetrachloro-m-xylene [1]	108	30-150		12/6/10 11:55
Tetrachloro-m-xylene [2]	110	30-150		12/6/10 11:55

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-05 (8-10) | Sampled: 12/1/2010 08:10

Sample ID: 10L0028-03

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	10	mg/Kg dry	1		CTDEP ETPH	12/2/10	12/6/10 21:29	CJM

Surrogates	% Recovery	Recovery Limits	Flag	
o-Terphenyl	89.2	50-150		12/6/10 21:29

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-05 (8-10) Sampled: 12/1/2010 08:10

Sample ID: 10L0028-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	2.4	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:34	OP
Arsenic	ND	2.4	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:34	OP
Barium	36	2.4	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:34	OP
Beryllium	ND	0.24	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:34	OP
Cadmium	ND	0.24	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:34	OP
Chromium	8.5	0.48	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:34	OP
Copper	29	0.48	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:34	OP
Lead	9.2	0.72	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:34	OP
Mercury	0.15	0.012	mg/Kg dry	1		SW-846 7471A	12/2/10	12/6/10 13:01	CWB
Nickel	8.5	0.48	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:34	OP
Selenium	ND	4.8	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:34	OP
Silver	ND	0.48	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:34	OP
Thallium	ND	2.4	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:34	OP
Vanadium	13	0.97	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:34	OP
Zinc	63	0.97	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:34	OP

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-05 (8-10) | Sampled: 12/1/2010 08:10

Sample ID: 10L0028-03

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.33	mg/Kg dry	1		SW846 9014	12/8/10	12/8/10 13:45	VAK
% Solids	95.6		% Wt	1		SM 2540G	12/2/10	12/2/10 17:33	VAF

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-05 (8-10) Sampled: 12/1/2010 08:10

Sample ID: 10L0028-03

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:56	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:56	KSH
Barium	ND	50	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:56	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:56	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:56	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:56	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:56	KSH
Lead	18	5.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:56	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/6/10	12/6/10 15:12	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:56	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:56	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:56	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:56	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:56	KSH
Zinc	55	50	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:56	KSH

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-11 (0-2) Sampled: 12/1/2010 10:44

Sample ID: 10L0028-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.073	mg/Kg dry	1	V-16	SW-846 8260B	12/2/10	12/3/10 11:35	MFF
Acrylonitrile	ND	0.0044	mg/Kg dry	1	V-16	SW-846 8260B	12/2/10	12/3/10 11:35	MFF
Benzene	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
Bromobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
Bromodichloromethane	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
Bromoform	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
Bromomethane	ND	0.0073	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
2-Butanone (MEK)	ND	0.029	mg/Kg dry	1	V-16	SW-846 8260B	12/2/10	12/3/10 11:35	MFF
n-Butylbenzene	ND	0.0029	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
sec-Butylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
tert-Butylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
Carbon Disulfide	ND	0.0044	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
Carbon Tetrachloride	ND	0.0029	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
Chlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
Chlorodibromomethane	ND	0.0029	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
Chloroethane	ND	0.015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
Chloroform	ND	0.0029	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
Chloromethane	ND	0.0073	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
2-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
4-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
1,2-Dibromoethane (EDB)	ND	0.00073	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
Dibromomethane	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
1,2-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
1,3-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
1,4-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
trans-1,4-Dichloro-2-butene	ND	0.0029	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
1,1-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
1,2-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
1,1-Dichloroethylene	ND	0.0029	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
cis-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
trans-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
1,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
1,3-Dichloropropane	ND	0.00073	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
2,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
1,1-Dichloropropene	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
cis-1,3-Dichloropropene	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
trans-1,3-Dichloropropene	ND	0.0029	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
Ethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
Hexachlorobutadiene	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
2-Hexanone (MBK)	ND	0.015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
Isopropylbenzene (Cumene)	ND	0.0029	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-11 (0-2) | Sampled: 12/1/2010 10:44

Sample ID: 10L0028-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0029	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
Methylene Chloride	ND	0.015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
Naphthalene	ND	0.0029	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
n-Propylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
Styrene	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
1,1,1,2-Tetrachloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
1,1,2,2-Tetrachloroethane	ND	0.00073	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
Tetrachloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
Tetrahydrofuran	ND	0.0073	mg/Kg dry	1	V-16	SW-846 8260B	12/2/10	12/3/10 11:35	MFF
Toluene	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
1,2,3-Trichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
1,2,4-Trichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
1,1,1-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
1,1,2-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
Trichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0073	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
1,2,3-Trichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0073	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
1,2,4-Trimethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
1,3,5-Trimethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
Vinyl Chloride	ND	0.0073	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
m+p Xylene	ND	0.0029	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF
o-Xylene	ND	0.0015	mg/Kg dry	1		SW-846 8260B	12/2/10	12/3/10 11:35	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	97.1	70-130		12/3/10 11:35
Toluene-d8	93.7	70-130		12/3/10 11:35
4-Bromofluorobenzene	95.3	70-130		12/3/10 11:35

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-11 (0-2) | Sampled: 12/1/2010 10:44

Sample ID: 10L0028-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Aniline	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Anthracene	0.25	0.19	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Benzo(a)anthracene	1.2	0.19	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Benzo(a)pyrene	1.3	0.19	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Benzo(b)fluoranthene	1.6	0.19	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Benzo(g,h,i)perylene	0.85	0.19	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Benzo(k)fluoranthene	0.63	0.19	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Bis(2-chloroethoxy)methane	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Bis(2-chloroethyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Bis(2-chloroisopropyl)ether	ND	0.38	mg/Kg dry	1	V-04, V-05	SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
4-Bromophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Butylbenzylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Carbazole	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
4-Chloroaniline	ND	0.74	mg/Kg dry	1	R-05	SW-846 8270C	12/2/10	12/6/10 16:21	BGL
4-Chloro-3-methylphenol	ND	0.74	mg/Kg dry	1	R-05	SW-846 8270C	12/2/10	12/6/10 16:21	BGL
2-Chloronaphthalene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
2-Chlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
4-Chlorophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Chrysene	1.2	0.19	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Dibenz(a,h)anthracene	0.23	0.19	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Dibenzofuran	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Di-n-butylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
2,4-Dichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Diethylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
2,4-Dimethylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Dimethylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
4,6-Dinitro-2-methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
2,4-Dinitrophenol	ND	0.74	mg/Kg dry	1	V-04	SW-846 8270C	12/2/10	12/6/10 16:21	BGL
2,4-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
2,6-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Di-n-octylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Fluoranthene	1.8	0.19	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Hexachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Hexachlorobutadiene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Hexachlorocyclopentadiene	ND	0.74	mg/Kg dry	1	V-05	SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Hexachloroethane	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Indeno(1,2,3-cd)pyrene	1.1	0.19	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Isophorone	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-11 (0-2) | Sampled: 12/1/2010 10:44

Sample ID: 10L0028-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
2-Methylphenol	ND	0.38	mg/Kg dry	1	R-05	SW-846 8270C	12/2/10	12/6/10 16:21	BGL
3/4-Methylphenol	ND	0.38	mg/Kg dry	1	R-05	SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
2-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
3-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
4-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Nitrobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
2-Nitrophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
4-Nitrophenol	ND	0.74	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
N-Nitrosodiphenylamine	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
N-Nitrosodi-n-propylamine	ND	0.38	mg/Kg dry	1	R-05	SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Pentachloronitrobenzene	ND	0.38	mg/Kg dry	1	V-16	SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Pentachlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Phenanthrene	0.97	0.19	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Phenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Pyrene	1.7	0.19	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
Pyridine	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
1,2,4-Trichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
2,4,5-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL
2,4,6-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/2/10	12/6/10 16:21	BGL

Surrogates	% Recovery		Recovery Limits	Flag	
2-Fluorophenol	90.7		30-130		12/6/10 16:21
Phenol-d6	86.7		30-130		12/6/10 16:21
Nitrobenzene-d5	84.8		30-130		12/6/10 16:21
2-Fluorobiphenyl	106		30-130		12/6/10 16:21
2,4,6-Tribromophenol	**133**	*	30-130	S-07	12/6/10 16:21
Terphenyl-d14	102		30-130		12/6/10 16:21

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-11 (0-2) | Sampled: 12/1/2010 10:44

Sample ID: 10L0028-04

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/2/10	12/6/10 12:08	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/2/10	12/6/10 12:08	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/2/10	12/6/10 12:08	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/2/10	12/6/10 12:08	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/2/10	12/6/10 12:08	PJG
Aroclor-1254 [1]	0.15	0.11	mg/Kg dry	1		SW-846 8082	12/2/10	12/6/10 12:08	PJG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/2/10	12/6/10 12:08	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/2/10	12/6/10 12:08	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/2/10	12/6/10 12:08	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	86.2	30-150		12/6/10 12:08
Decachlorobiphenyl [2]	131	30-150		12/6/10 12:08
Tetrachloro-m-xylene [1]	90.7	30-150		12/6/10 12:08
Tetrachloro-m-xylene [2]	96.2	30-150		12/6/10 12:08

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-11 (0-2) | Sampled: 12/1/2010 10:44

Sample ID: 10L0028-04

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	200	110	mg/Kg dry	10		CTDEP ETPH	12/2/10	12/6/10 23:57	CJM

Surrogates	% Recovery	Recovery Limits	Flag	
o-Terphenyl	69.9	50-150		12/6/10 23:57

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-11 (0-2) Sampled: 12/1/2010 10:44

Sample ID: 10L0028-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	2.8	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:39	OP
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:39	OP
Barium	98	2.8	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:39	OP
Beryllium	ND	0.28	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:39	OP
Cadmium	ND	0.28	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:39	OP
Chromium	13	0.56	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:39	OP
Copper	17	0.56	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:39	OP
Lead	72	0.84	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:39	OP
Mercury	0.072	0.016	mg/Kg dry	1		SW-846 7471A	12/2/10	12/6/10 13:03	CWB
Nickel	10	0.56	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:39	OP
Selenium	ND	5.6	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:39	OP
Silver	ND	0.56	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:39	OP
Thallium	ND	2.8	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:39	OP
Vanadium	29	1.1	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:39	OP
Zinc	88	1.1	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:39	OP

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-11 (0-2) | Sampled: 12/1/2010 10:44

Sample ID: 10L0028-04

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.42	mg/Kg dry	1		SW846 9014	12/8/10	12/8/10 13:45	VAK
% Solids	89.3		% Wt	1		SM 2540G	12/2/10	12/2/10 17:33	VAF

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-11 (0-2) Sampled: 12/1/2010 10:44

Sample ID: 10L0028-04

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:59	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:59	KSH
Barium	140	50	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:59	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:59	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:59	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:59	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:59	KSH
Lead	7.9	5.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:59	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/6/10	12/6/10 15:14	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:59	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:59	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:59	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:59	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:59	KSH
Zinc	63	50	µg/L	5		SW-846 6020A	12/6/10	12/7/10 15:59	KSH

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-11 (6-8) | Sampled: 12/1/2010 11:00

Sample ID: 10L0028-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Acenaphthene	1.2	0.43	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Acenaphthylene	1.5	0.43	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Acenaphthylene	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Aniline	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Aniline	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Anthracene	5.2	0.43	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Anthracene	3.2	2.1	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Benzo(a)anthracene	18	0.43	mg/Kg dry	1	E	SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Benzo(a)anthracene	12	2.1	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Benzo(a)pyrene	19	0.43	mg/Kg dry	1	E	SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Benzo(a)pyrene	12	2.1	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Benzo(b)fluoranthene	27	0.43	mg/Kg dry	1	E	SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Benzo(b)fluoranthene	13	2.1	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Benzo(g,h,i)perylene	9.5	0.43	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Benzo(g,h,i)perylene	8.0	2.1	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Benzo(k)fluoranthene	9.6	0.43	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Benzo(k)fluoranthene	5.1	2.1	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Bis(2-chloroethoxy)methane	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Bis(2-chloroethoxy)methane	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Bis(2-chloroethyl)ether	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Bis(2-chloroethyl)ether	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Bis(2-chloroisopropyl)ether	ND	0.85	mg/Kg dry	1	V-04, V-05	SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Bis(2-chloroisopropyl)ether	ND	4.3	mg/Kg dry	5	V-04, V-05	SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Bis(2-Ethylhexyl)phthalate	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
4-Bromophenylphenylether	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
4-Bromophenylphenylether	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Butylbenzylphthalate	ND	1.7	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Butylbenzylphthalate	ND	8.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Carbazole	1.7	0.43	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Carbazole	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
4-Chloroaniline	ND	8.3	mg/Kg dry	5	R-05	SW-846 8270C	12/2/10	12/6/10 18:59	BGL
4-Chloroaniline	ND	1.7	mg/Kg dry	1	R-05	SW-846 8270C	12/2/10	12/4/10 20:08	BGL
4-Chloro-3-methylphenol	ND	8.3	mg/Kg dry	5	R-05	SW-846 8270C	12/2/10	12/6/10 18:59	BGL
4-Chloro-3-methylphenol	ND	1.7	mg/Kg dry	1	R-05	SW-846 8270C	12/2/10	12/4/10 20:08	BGL
2-Chloronaphthalene	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
2-Chloronaphthalene	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
2-Chlorophenol	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
2-Chlorophenol	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
4-Chlorophenylphenylether	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
4-Chlorophenylphenylether	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Chrysene	17	0.43	mg/Kg dry	1	E	SW-846 8270C	12/2/10	12/4/10 20:08	BGL

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-11 (6-8) | Sampled: 12/1/2010 11:00

Sample ID: 10L0028-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Chrysene	11	2.1	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Dibenz(a,h)anthracene	2.9	0.43	mg/Kg dry	1	V-06	SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Dibenz(a,h)anthracene	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Dibenzofuran	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Dibenzofuran	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Di-n-butylphthalate	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Di-n-butylphthalate	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
3,3-Dichlorobenzidine	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
3,3-Dichlorobenzidine	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
2,4-Dichlorophenol	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
2,4-Dichlorophenol	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Diethylphthalate	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Diethylphthalate	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
2,4-Dimethylphenol	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
2,4-Dimethylphenol	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Dimethylphthalate	ND	1.7	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Dimethylphthalate	ND	8.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
4,6-Dinitro-2-methylphenol	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
4,6-Dinitro-2-methylphenol	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
2,4-Dinitrophenol	ND	1.7	mg/Kg dry	1	V-04	SW-846 8270C	12/2/10	12/4/10 20:08	BGL
2,4-Dinitrophenol	ND	8.3	mg/Kg dry	5	V-04	SW-846 8270C	12/2/10	12/6/10 18:59	BGL
2,4-Dinitrotoluene	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
2,4-Dinitrotoluene	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
2,6-Dinitrotoluene	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
2,6-Dinitrotoluene	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Di-n-octylphthalate	ND	1.7	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Di-n-octylphthalate	ND	8.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Fluoranthene	33	0.43	mg/Kg dry	1	E	SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Fluoranthene	21	2.1	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Fluorene	1.4	0.43	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Fluorene	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Hexachlorobenzene	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Hexachlorobenzene	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Hexachlorobutadiene	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Hexachlorobutadiene	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Hexachlorocyclopentadiene	ND	1.7	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Hexachlorocyclopentadiene	ND	8.3	mg/Kg dry	5	V-05	SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Hexachloroethane	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Hexachloroethane	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Indeno(1,2,3-cd)pyrene	12	0.43	mg/Kg dry	1	E	SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Indeno(1,2,3-cd)pyrene	10	2.1	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Isophorone	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Isophorone	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-11 (6-8) | Sampled: 12/1/2010 11:00

Sample ID: 10L0028-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
2-Methylnaphthalene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
2-Methylphenol	ND	4.3	mg/Kg dry	5	R-05	SW-846 8270C	12/2/10	12/6/10 18:59	BGL
2-Methylphenol	ND	0.85	mg/Kg dry	1	R-05	SW-846 8270C	12/2/10	12/4/10 20:08	BGL
3/4-Methylphenol	ND	4.3	mg/Kg dry	5	R-05	SW-846 8270C	12/2/10	12/6/10 18:59	BGL
3/4-Methylphenol	ND	0.85	mg/Kg dry	1	R-05	SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Naphthalene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Naphthalene	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
2-Nitroaniline	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
2-Nitroaniline	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
3-Nitroaniline	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
3-Nitroaniline	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
4-Nitroaniline	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
4-Nitroaniline	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Nitrobenzene	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Nitrobenzene	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
2-Nitrophenol	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
2-Nitrophenol	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
4-Nitrophenol	ND	1.7	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
4-Nitrophenol	ND	8.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
N-Nitrosodiphenylamine	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
N-Nitrosodiphenylamine	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
N-Nitrosodi-n-propylamine	ND	0.85	mg/Kg dry	1	R-05	SW-846 8270C	12/2/10	12/4/10 20:08	BGL
N-Nitrosodi-n-propylamine	ND	4.3	mg/Kg dry	5	R-05	SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Pentachloronitrobenzene	ND	0.85	mg/Kg dry	1	V-16	SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Pentachloronitrobenzene	ND	4.3	mg/Kg dry	5	V-16	SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Pentachlorophenol	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Pentachlorophenol	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Phenanthrene	18	0.43	mg/Kg dry	1	E	SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Phenanthrene	12	2.1	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Phenol	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Phenol	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Pyrene	25	0.43	mg/Kg dry	1	E	SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Pyrene	20	2.1	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
Pyridine	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
Pyridine	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
1,2,4,5-Tetrachlorobenzene	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
1,2,4-Trichlorobenzene	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
1,2,4-Trichlorobenzene	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
2,4,5-Trichlorophenol	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL
2,4,5-Trichlorophenol	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL
2,4,6-Trichlorophenol	ND	0.85	mg/Kg dry	1		SW-846 8270C	12/2/10	12/4/10 20:08	BGL

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-11 (6-8) | Sampled: 12/1/2010 11:00

Sample ID: 10L0028-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4,6-Trichlorophenol	ND	4.3	mg/Kg dry	5		SW-846 8270C	12/2/10	12/6/10 18:59	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	98.7	30-130		12/4/10 20:08
2-Fluorophenol	80.7	30-130		12/6/10 18:59
Phenol-d6	96.3	30-130		12/4/10 20:08
Phenol-d6	72.8	30-130		12/6/10 18:59
Nitrobenzene-d5	98.3	30-130		12/4/10 20:08
Nitrobenzene-d5	68.7	30-130		12/6/10 18:59
2-Fluorobiphenyl	104	30-130		12/4/10 20:08
2-Fluorobiphenyl	79.4	30-130		12/6/10 18:59
2,4,6-Tribromophenol	112	30-130		12/4/10 20:08
2,4,6-Tribromophenol	62.8	30-130		12/6/10 18:59
Terphenyl-d14	91.7	30-130		12/4/10 20:08
Terphenyl-d14	82.4	30-130		12/6/10 18:59

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-11 (6-8) | Sampled: 12/1/2010 11:00

Sample ID: 10L0028-06

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.25	mg/Kg dry	2		SW-846 8082	12/2/10	12/6/10 14:37	PJG
Aroclor-1221 [1]	ND	0.25	mg/Kg dry	2		SW-846 8082	12/2/10	12/6/10 14:37	PJG
Aroclor-1232 [1]	ND	0.25	mg/Kg dry	2		SW-846 8082	12/2/10	12/6/10 14:37	PJG
Aroclor-1242 [1]	ND	0.25	mg/Kg dry	2		SW-846 8082	12/2/10	12/6/10 14:37	PJG
Aroclor-1248 [1]	2.7	0.25	mg/Kg dry	2		SW-846 8082	12/2/10	12/6/10 14:37	PJG
Aroclor-1254 [1]	ND	0.25	mg/Kg dry	2		SW-846 8082	12/2/10	12/6/10 14:37	PJG
Aroclor-1260 [1]	ND	0.25	mg/Kg dry	2		SW-846 8082	12/2/10	12/6/10 14:37	PJG
Aroclor-1262 [1]	ND	0.25	mg/Kg dry	2		SW-846 8082	12/2/10	12/6/10 14:37	PJG
Aroclor-1268 [1]	ND	0.25	mg/Kg dry	2		SW-846 8082	12/2/10	12/6/10 14:37	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	75.4	30-150		12/6/10 14:37
Decachlorobiphenyl [2]	101	30-150		12/6/10 14:37
Tetrachloro-m-xylene [1]	90.2	30-150		12/6/10 14:37
Tetrachloro-m-xylene [2]	91.4	30-150		12/6/10 14:37

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-11 (6-8) | Sampled: 12/1/2010 11:00

Sample ID: 10L0028-06

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	720	250	mg/Kg dry	10		CTDEP ETPH	12/2/10	12/3/10 9:33	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	53.6	50-150				12/3/10 9:33	

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-11 (6-8) Sampled: 12/1/2010 11:00

Sample ID: 10L0028-06

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	3.2	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:43	OP
Arsenic	ND	3.2	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:43	OP
Barium	630	3.2	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:43	OP
Beryllium	ND	0.32	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:43	OP
Cadmium	4.1	0.32	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:43	OP
Chromium	16	0.64	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:43	OP
Copper	43	0.64	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:43	OP
Lead	570	0.96	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:43	OP
Mercury	0.46	0.019	mg/Kg dry	1		SW-846 7471A	12/2/10	12/6/10 13:04	CWB
Nickel	15	0.64	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:43	OP
Selenium	ND	6.4	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:43	OP
Silver	ND	0.64	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:43	OP
Thallium	ND	3.2	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:43	OP
Vanadium	32	1.3	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:43	OP
Zinc	570	1.3	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 14:43	OP

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-11 (6-8) | Sampled: 12/1/2010 11:00

Sample ID: 10L0028-06

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.46	mg/Kg dry	1		SW846 9014	12/8/10	12/8/10 13:45	VAK
% Solids	79.9		% Wt	1		SM 2540G	12/2/10	12/2/10 17:33	VAF

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-11 (6-8) Sampled: 12/1/2010 11:00

Sample ID: 10L0028-06

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 16:03	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 16:03	KSH
Barium	120	50	µg/L	5		SW-846 6020A	12/6/10	12/7/10 16:03	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 16:03	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	12/6/10	12/7/10 16:03	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 16:03	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	12/6/10	12/7/10 16:03	KSH
Lead	110	5.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 16:03	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/6/10	12/6/10 15:15	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	12/6/10	12/7/10 16:03	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	12/6/10	12/7/10 16:03	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	12/6/10	12/7/10 16:03	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 16:03	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	12/6/10	12/7/10 16:03	KSH
Zinc	150	50	µg/L	5		SW-846 6020A	12/6/10	12/7/10 16:03	KSH

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-06 (2-4) | Sampled: 12/1/2010 13:20

Sample ID: 10L0028-08

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Aniline	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Anthracene	0.41	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Benzo(a)anthracene	1.4	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Benzo(a)pyrene	1.5	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Benzo(b)fluoranthene	2.0	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Benzo(g,h,i)perylene	1.0	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Benzo(k)fluoranthene	0.71	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Bis(2-chloroethoxy)methane	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Bis(2-chloroethyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Bis(2-chloroisopropyl)ether	ND	0.38	mg/Kg dry	1	V-04, V-05	SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Bis(2-Ethylhexyl)phthalate	0.51	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
4-Bromophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Butylbenzylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Carbazole	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
4-Chloroaniline	ND	0.74	mg/Kg dry	1	L-04	SW-846 8270C	12/3/10	12/7/10 15:49	BGL
4-Chloro-3-methylphenol	ND	0.74	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
2-Chloronaphthalene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
2-Chlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
4-Chlorophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Chrysene	1.4	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Dibenz(a,h)anthracene	0.31	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Dibenzofuran	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Di-n-butylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
2,4-Dichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Diethylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
2,4-Dimethylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Dimethylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
4,6-Dinitro-2-methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
2,4-Dinitrophenol	ND	0.74	mg/Kg dry	1	V-04	SW-846 8270C	12/3/10	12/7/10 15:49	BGL
2,4-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
2,6-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Di-n-octylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Fluoranthene	2.6	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Hexachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Hexachlorobutadiene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Hexachlorocyclopentadiene	ND	0.74	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Hexachloroethane	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Indeno(1,2,3-cd)pyrene	1.2	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Isophorone	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-06 (2-4) | Sampled: 12/1/2010 13:20

Sample ID: 10L0028-08

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
2-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
3/4-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
2-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
3-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
4-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Nitrobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
2-Nitrophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
4-Nitrophenol	ND	0.74	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
N-Nitrosodiphenylamine	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
N-Nitrosodi-n-propylamine	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Pentachloronitrobenzene	ND	0.38	mg/Kg dry	1	V-16	SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Pentachlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Phenanthrene	1.4	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Phenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Pyrene	1.9	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
Pyridine	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
1,2,4-Trichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
2,4,5-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL
2,4,6-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 15:49	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	70.5	30-130		12/7/10 15:49
Phenol-d6	77.3	30-130		12/7/10 15:49
Nitrobenzene-d5	55.9	30-130		12/7/10 15:49
2-Fluorobiphenyl	71.7	30-130		12/7/10 15:49
2,4,6-Tribromophenol	68.0	30-130		12/7/10 15:49
Terphenyl-d14	59.7	30-130		12/7/10 15:49

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-06 (2-4) | Sampled: 12/1/2010 13:20

Sample ID: 10L0028-08

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	12/2/10	12/6/10 14:51	PJG
Aroclor-1221 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	12/2/10	12/6/10 14:51	PJG
Aroclor-1232 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	12/2/10	12/6/10 14:51	PJG
Aroclor-1242 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	12/2/10	12/6/10 14:51	PJG
Aroclor-1248 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	12/2/10	12/6/10 14:51	PJG
Aroclor-1254 [1]	1.6	0.23	mg/Kg dry	2		SW-846 8082	12/2/10	12/6/10 14:51	PJG
Aroclor-1260 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	12/2/10	12/6/10 14:51	PJG
Aroclor-1262 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	12/2/10	12/6/10 14:51	PJG
Aroclor-1268 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082	12/2/10	12/6/10 14:51	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	69.5	30-150		12/6/10 14:51
Decachlorobiphenyl [2]	83.1	30-150		12/6/10 14:51
Tetrachloro-m-xylene [1]	87.6	30-150		12/6/10 14:51
Tetrachloro-m-xylene [2]	92.6	30-150		12/6/10 14:51

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-06 (2-4) Sampled: 12/1/2010 13:20

Sample ID: 10L0028-08

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	140	56	mg/Kg dry	5		CTDEP ETPH	12/2/10	12/3/10 9:51	CJM

Surrogates	% Recovery	Recovery Limits	Flag	
o-Terphenyl	59.3	50-150		12/3/10 9:51

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-06 (2-4) Sampled: 12/1/2010 13:20

Sample ID: 10L0028-08

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	2.8	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 15:11	OP
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 15:11	OP
Barium	130	2.8	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 15:11	OP
Beryllium	ND	0.28	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 15:11	OP
Cadmium	0.33	0.28	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 15:11	OP
Chromium	14	0.56	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 15:11	OP
Copper	19	0.56	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 15:11	OP
Lead	75	0.84	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 15:11	OP
Mercury	0.18	0.016	mg/Kg dry	1		SW-846 7471A	12/2/10	12/6/10 13:06	CWB
Nickel	12	0.56	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 15:11	OP
Selenium	ND	5.6	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 15:11	OP
Silver	ND	0.56	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 15:11	OP
Thallium	ND	2.8	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 15:11	OP
Vanadium	30	1.1	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 15:11	OP
Zinc	180	1.1	mg/Kg dry	1		SW-846 6010B	12/2/10	12/6/10 15:11	OP

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-06 (2-4) | Sampled: 12/1/2010 13:20

Sample ID: 10L0028-08

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.35	mg/Kg dry	1		SW846 9014	12/8/10	12/8/10 13:45	VAK
% Solids	88.6		% Wt	1		SM 2540G	12/2/10	12/2/10 17:33	VAF

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: GDC-TP-06 (2-4) Sampled: 12/1/2010 13:20

Sample ID: 10L0028-08

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 16:06	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 16:06	KSH
Barium	52	50	µg/L	5		SW-846 6020A	12/6/10	12/7/10 16:06	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 16:06	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	12/6/10	12/7/10 16:06	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 16:06	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	12/6/10	12/7/10 16:06	KSH
Lead	ND	5.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 16:06	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/6/10	12/6/10 15:17	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	12/6/10	12/7/10 16:06	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	12/6/10	12/7/10 16:06	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	12/6/10	12/7/10 16:06	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	12/6/10	12/7/10 16:06	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	12/6/10	12/7/10 16:06	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	12/6/10	12/7/10 16:06	KSH

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: TB20101201 | Sampled: 12/1/2010 14:00

Sample ID: 10L0028-09

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	mg/Kg wet	1	V-16	SW-846 8260B	12/2/10	12/3/10 12:03	MFF
Acrylonitrile	ND	0.0060	mg/Kg wet	1	V-16	SW-846 8260B	12/2/10	12/3/10 12:03	MFF
Benzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
Bromobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
Bromodichloromethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
Bromoform	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
Bromomethane	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
2-Butanone (MEK)	ND	0.040	mg/Kg wet	1	V-16	SW-846 8260B	12/2/10	12/3/10 12:03	MFF
n-Butylbenzene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
sec-Butylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
tert-Butylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
Carbon Disulfide	ND	0.0060	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
Carbon Tetrachloride	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
Chlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
Chlorodibromomethane	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
Chloroethane	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
Chloroform	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
Chloromethane	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
Dibromomethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
cis-1,3-Dichloropropene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
trans-1,3-Dichloropropene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
Ethylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
2-Hexanone (MBK)	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
Isopropylbenzene (Cumene)	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0028

Date Received: 12/1/2010

Field Sample #: TB20101201 | Sampled: 12/1/2010 14:00

Sample ID: 10L0028-09

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
Methylene Chloride	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
Naphthalene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
n-Propylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
Styrene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
Tetrachloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
Tetrahydrofuran	ND	0.010	mg/Kg wet	1	V-16	SW-846 8260B	12/2/10	12/3/10 12:03	MFF
Toluene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
Trichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
Vinyl Chloride	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
m+p Xylene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF
o-Xylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/2/10	12/3/10 12:03	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	108	70-130		12/3/10 12:03
Toluene-d8	94.5	70-130		12/3/10 12:03
4-Bromofluorobenzene	98.0	70-130		12/3/10 12:03

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Sample Extraction Data

Prep Method: SW-846 3546-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0028-02 [GDC-TP-05 (2-4)]	B023108	30.0	1.00	12/02/10
10L0028-03 [GDC-TP-05 (8-10)]	B023108	30.0	1.00	12/02/10
10L0028-04 [GDC-TP-11 (0-2)]	B023108	30.0	1.00	12/02/10
10L0028-06 [GDC-TP-11 (6-8)]	B023108	30.0	2.00	12/02/10

Prep Method: SW-846 3546-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0028-08 [GDC-TP-06 (2-4)]	B023109	30.0	1.00	12/02/10

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
10L0028-02 [GDC-TP-05 (2-4)]	B023091	12/02/10
10L0028-03 [GDC-TP-05 (8-10)]	B023091	12/02/10
10L0028-04 [GDC-TP-11 (0-2)]	B023091	12/02/10
10L0028-06 [GDC-TP-11 (6-8)]	B023091	12/02/10
10L0028-08 [GDC-TP-06 (2-4)]	B023091	12/02/10

Prep Method: SW-846 3050B-SW-846 6010B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0028-02 [GDC-TP-05 (2-4)]	B023110	1.01	50.0	12/02/10
10L0028-03 [GDC-TP-05 (8-10)]	B023110	1.08	50.0	12/02/10
10L0028-04 [GDC-TP-11 (0-2)]	B023110	0.997	50.0	12/02/10
10L0028-06 [GDC-TP-11 (6-8)]	B023110	0.981	50.0	12/02/10
10L0028-08 [GDC-TP-06 (2-4)]	B023110	1.01	50.0	12/02/10

Prep Method: SW-846 3010A-SW-846 6020A **Leachates were extracted on 12/2/2010 per SW-846 1312 in Batch B023134**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0028-02 [GDC-TP-05 (2-4)]	B023226	50.0	50.0	12/06/10
10L0028-03 [GDC-TP-05 (8-10)]	B023226	50.0	50.0	12/06/10
10L0028-04 [GDC-TP-11 (0-2)]	B023226	50.0	50.0	12/06/10
10L0028-06 [GDC-TP-11 (6-8)]	B023226	50.0	50.0	12/06/10
10L0028-08 [GDC-TP-06 (2-4)]	B023226	50.0	50.0	12/06/10

Prep Method: SW-846 7470A Prep-SW-846 7470A **Leachates were extracted on 12/2/2010 per SW-846 1312 in Batch B023134**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0028-02 [GDC-TP-05 (2-4)]	B023222	6.00	6.00	12/06/10
10L0028-03 [GDC-TP-05 (8-10)]	B023222	6.00	6.00	12/06/10
10L0028-04 [GDC-TP-11 (0-2)]	B023222	6.00	6.00	12/06/10
10L0028-06 [GDC-TP-11 (6-8)]	B023222	6.00	6.00	12/06/10
10L0028-08 [GDC-TP-06 (2-4)]	B023222	6.00	6.00	12/06/10

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Sample Extraction Data

Prep Method: SW-846 7471-SW-846 7471A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0028-02 [GDC-TP-05 (2-4)]	B023116	0.192	25.0	12/02/10
10L0028-03 [GDC-TP-05 (8-10)]	B023116	0.211	25.0	12/02/10
10L0028-04 [GDC-TP-11 (0-2)]	B023116	0.180	25.0	12/02/10
10L0028-06 [GDC-TP-11 (6-8)]	B023116	0.165	25.0	12/02/10
10L0028-08 [GDC-TP-06 (2-4)]	B023116	0.174	25.0	12/02/10

Prep Method: SW-846 3546-SW-846 8082

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0028-02 [GDC-TP-05 (2-4)]	B023107	10.0	50.0	12/02/10
10L0028-03 [GDC-TP-05 (8-10)]	B023107	10.0	50.0	12/02/10
10L0028-04 [GDC-TP-11 (0-2)]	B023107	10.1	50.0	12/02/10
10L0028-06 [GDC-TP-11 (6-8)]	B023107	10.0	50.0	12/02/10
10L0028-08 [GDC-TP-06 (2-4)]	B023107	10.0	50.0	12/02/10

Prep Method: SW-846 5035-SW-846 8260B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0028-02 [GDC-TP-05 (2-4)]	B023068	3.40	10.0	12/02/10

Prep Method: SW-846 5035-SW-846 8260B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0028-04 [GDC-TP-11 (0-2)]	B023144	7.70	10.0	12/02/10
10L0028-09 [TB20101201]	B023144	5.00	10.0	12/02/10

Prep Method: SW-846 3546-SW-846 8270C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0028-02 [GDC-TP-05 (2-4)]	B023112	30.1	2.00	12/02/10
10L0028-02RE1 [GDC-TP-05 (2-4)]	B023112	30.1	2.00	12/02/10
10L0028-03 [GDC-TP-05 (8-10)]	B023112	30.0	1.00	12/02/10
10L0028-04 [GDC-TP-11 (0-2)]	B023112	30.0	1.00	12/02/10
10L0028-06 [GDC-TP-11 (6-8)]	B023112	30.0	2.00	12/02/10
10L0028-06RE1 [GDC-TP-11 (6-8)]	B023112	30.0	2.00	12/02/10

Prep Method: SW-846 3546-SW-846 8270C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0028-08 [GDC-TP-06 (2-4)]	B023195	30.0	1.00	12/03/10

SW846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0028-02 [GDC-TP-05 (2-4)]	B023330	1.02	50.0	12/08/10
10L0028-03 [GDC-TP-05 (8-10)]	B023330	1.57	50.0	12/08/10
10L0028-04 [GDC-TP-11 (0-2)]	B023330	1.33	50.0	12/08/10

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Sample Extraction Data

SW846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0028-06 [GDC-TP-11 (6-8)]	B023330	1.38	50.0	12/08/10
10L0028-08 [GDC-TP-06 (2-4)]	B023330	1.61	50.0	12/08/10

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023068 - SW-846 5035										
Blank (B023068-BLK1)				Prepared & Analyzed: 12/02/10						
Acetone	ND	0.10	mg/Kg wet							V-16
Acrylonitrile	ND	0.0060	mg/Kg wet							V-16
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							V-16
n-Butylbenzene	ND	0.0040	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0040	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0040	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0020	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0040	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0040	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023068 - SW-846 5035											
Blank (B023068-BLK1)				Prepared & Analyzed: 12/02/10							
Tetrachloroethylene	ND	0.0020	mg/Kg wet								
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16	
Toluene	ND	0.0020	mg/Kg wet								
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet								
Trichloroethylene	ND	0.0020	mg/Kg wet								
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet								
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet								
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet								
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet								
Vinyl Chloride	ND	0.010	mg/Kg wet								
m+p Xylene	ND	0.0040	mg/Kg wet								
o-Xylene	ND	0.0020	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0495*		mg/Kg wet	0.0500		99.1	70-130				
Surrogate: Toluene-d8	*0.0479*		mg/Kg wet	0.0500		95.7	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0490*		mg/Kg wet	0.0500		98.1	70-130				
LCS (B023068-BS1)				Prepared & Analyzed: 12/02/10							
Acetone	0.237	0.10	mg/Kg wet	0.200		118	70-130			V-16	†
Acrylonitrile	0.0217	0.0060	mg/Kg wet	0.0200		108	70-130			V-16	
Benzene	0.0196	0.0020	mg/Kg wet	0.0200		97.8	70-130				
Bromobenzene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130				
Bromodichloromethane	0.0188	0.0020	mg/Kg wet	0.0200		94.1	70-130				
Bromoform	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130				
Bromomethane	0.0217	0.010	mg/Kg wet	0.0200		108	70-130				†
2-Butanone (MEK)	0.226	0.040	mg/Kg wet	0.200		113	70-130			V-16	†
n-Butylbenzene	0.0182	0.0040	mg/Kg wet	0.0200		90.8	70-130				
sec-Butylbenzene	0.0188	0.0020	mg/Kg wet	0.0200		94.1	70-130				
tert-Butylbenzene	0.0188	0.0020	mg/Kg wet	0.0200		93.8	70-130				†
Carbon Disulfide	0.213	0.0060	mg/Kg wet	0.200		107	70-130				
Carbon Tetrachloride	0.0179	0.0040	mg/Kg wet	0.0200		89.7	70-130				
Chlorobenzene	0.0194	0.0020	mg/Kg wet	0.0200		97.2	70-130				
Chlorodibromomethane	0.0182	0.0040	mg/Kg wet	0.0200		90.9	70-130				
Chloroethane	0.0210	0.020	mg/Kg wet	0.0200		105	70-130				
Chloroform	0.0198	0.0040	mg/Kg wet	0.0200		98.9	70-130				
Chloromethane	0.0205	0.010	mg/Kg wet	0.0200		103	70-130				
2-Chlorotoluene	0.0197	0.0020	mg/Kg wet	0.0200		98.6	70-130				
4-Chlorotoluene	0.0197	0.0020	mg/Kg wet	0.0200		98.5	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130				
1,2-Dibromoethane (EDB)	0.0200	0.0010	mg/Kg wet	0.0200		99.8	70-130				
Dibromomethane	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130				
1,2-Dichlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130				
1,3-Dichlorobenzene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130				
1,4-Dichlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130				
trans-1,4-Dichloro-2-butene	0.0245	0.0040	mg/Kg wet	0.0200		122	70-130			V-20	
Dichlorodifluoromethane (Freon 12)	0.0172	0.020	mg/Kg wet	0.0200		85.9	70-130				†
1,1-Dichloroethane	0.0189	0.0020	mg/Kg wet	0.0200		94.4	70-130				
1,2-Dichloroethane	0.0195	0.0020	mg/Kg wet	0.0200		97.5	70-130				
1,1-Dichloroethylene	0.0209	0.0040	mg/Kg wet	0.0200		105	70-130				

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023068 - SW-846 5035										
LCS (B023068-BS1)				Prepared & Analyzed: 12/02/10						
cis-1,2-Dichloroethylene	0.0196	0.0020	mg/Kg wet	0.0200		98.0	70-130			
trans-1,2-Dichloroethylene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130			
1,2-Dichloropropane	0.0192	0.0020	mg/Kg wet	0.0200		96.0	70-130			
1,3-Dichloropropane	0.0193	0.0010	mg/Kg wet	0.0200		96.5	70-130			
2,2-Dichloropropane	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130			
1,1-Dichloropropene	0.0189	0.0020	mg/Kg wet	0.0200		94.5	70-130			
cis-1,3-Dichloropropene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130			
trans-1,3-Dichloropropene	0.0193	0.0040	mg/Kg wet	0.0200		96.7	70-130			
Ethylbenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.6	70-130			
Hexachlorobutadiene	0.0175	0.0020	mg/Kg wet	0.0200		87.7	70-130			
2-Hexanone (MBK)	0.209	0.020	mg/Kg wet	0.200		104	70-130			†
Isopropylbenzene (Cumene)	0.0182	0.0040	mg/Kg wet	0.0200		91.1	70-130			
p-Isopropyltoluene (p-Cymene)	0.0193	0.0020	mg/Kg wet	0.0200		96.4	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0215	0.0040	mg/Kg wet	0.0200		108	70-130			
Methylene Chloride	0.0196	0.020	mg/Kg wet	0.0200		98.1	70-130			†
4-Methyl-2-pentanone (MIBK)	0.214	0.020	mg/Kg wet	0.200		107	70-130			†
Naphthalene	0.0222	0.0040	mg/Kg wet	0.0200		111	70-130			†
n-Propylbenzene	0.0195	0.0020	mg/Kg wet	0.0200		97.3	70-130			
Styrene	0.0198	0.0020	mg/Kg wet	0.0200		99.0	70-130			
1,1,1,2-Tetrachloroethane	0.0190	0.0020	mg/Kg wet	0.0200		95.0	70-130			
1,1,2,2-Tetrachloroethane	0.0196	0.0010	mg/Kg wet	0.0200		98.0	70-130			
Tetrachloroethylene	0.0188	0.0020	mg/Kg wet	0.0200		93.8	70-130			
Tetrahydrofuran	0.0182	0.010	mg/Kg wet	0.0200		90.8	70-130			V-16
Toluene	0.0185	0.0020	mg/Kg wet	0.0200		92.6	70-130			
1,2,3-Trichlorobenzene	0.0176	0.0020	mg/Kg wet	0.0200		88.2	70-130			
1,2,4-Trichlorobenzene	0.0177	0.0020	mg/Kg wet	0.0200		88.4	70-130			
1,1,1-Trichloroethane	0.0191	0.0020	mg/Kg wet	0.0200		95.3	70-130			
1,1,2-Trichloroethane	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130			
Trichloroethylene	0.0189	0.0020	mg/Kg wet	0.0200		94.5	70-130			
Trichlorofluoromethane (Freon 11)	0.0192	0.010	mg/Kg wet	0.0200		96.1	70-130			
1,2,3-Trichloropropane	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0209	0.010	mg/Kg wet	0.0200		104	70-130			
1,2,4-Trimethylbenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.3	70-130			
1,3,5-Trimethylbenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.7	70-130			
Vinyl Chloride	0.0194	0.010	mg/Kg wet	0.0200		96.8	70-130			†
m+p Xylene	0.0376	0.0040	mg/Kg wet	0.0400		94.0	70-130			
o-Xylene	0.0192	0.0020	mg/Kg wet	0.0200		96.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0489*		mg/Kg wet	0.0500		97.8	70-130			
Surrogate: Toluene-d8	*0.0488*		mg/Kg wet	0.0500		97.7	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0515*		mg/Kg wet	0.0500		103	70-130			
Batch B023144 - SW-846 5035										
Blank (B023144-BLK1)				Prepared & Analyzed: 12/03/10						
Acetone	ND	0.10	mg/Kg wet							V-16
Acrylonitrile	ND	0.0060	mg/Kg wet							V-16
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							V-16

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023144 - SW-846 5035										
Blank (B023144-BLK1)				Prepared & Analyzed: 12/03/10						
n-Butylbenzene	ND	0.0040	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0040	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0040	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0020	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0040	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0040	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023144 - SW-846 5035											
Blank (B023144-BLK1)				Prepared & Analyzed: 12/03/10							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet								
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet								
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet								
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet								
Vinyl Chloride	ND	0.010	mg/Kg wet								
m+p Xylene	ND	0.0040	mg/Kg wet								
o-Xylene	ND	0.0020	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0513*		mg/Kg wet	0.0500		103	70-130				
Surrogate: Toluene-d8	*0.0478*		mg/Kg wet	0.0500		95.6	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0487*		mg/Kg wet	0.0500		97.4	70-130				
LCS (B023144-BS1)				Prepared & Analyzed: 12/03/10							
Acetone	0.198	0.10	mg/Kg wet	0.200		99.0	70-130			V-16	†
Acrylonitrile	0.0187	0.0060	mg/Kg wet	0.0200		93.4	70-130			V-16	
Benzene	0.0189	0.0020	mg/Kg wet	0.0200		94.5	70-130				
Bromobenzene	0.0198	0.0020	mg/Kg wet	0.0200		98.8	70-130				
Bromodichloromethane	0.0190	0.0020	mg/Kg wet	0.0200		94.8	70-130				
Bromoform	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130				
Bromomethane	0.0188	0.010	mg/Kg wet	0.0200		94.1	70-130				†
2-Butanone (MEK)	0.183	0.040	mg/Kg wet	0.200		91.4	70-130			V-16	†
n-Butylbenzene	0.0182	0.0040	mg/Kg wet	0.0200		91.2	70-130				
sec-Butylbenzene	0.0189	0.0020	mg/Kg wet	0.0200		94.3	70-130				
tert-Butylbenzene	0.0188	0.0020	mg/Kg wet	0.0200		94.2	70-130				†
Carbon Disulfide	0.205	0.0060	mg/Kg wet	0.200		103	70-130				
Carbon Tetrachloride	0.0189	0.0040	mg/Kg wet	0.0200		94.4	70-130				
Chlorobenzene	0.0192	0.0020	mg/Kg wet	0.0200		96.0	70-130				
Chlorodibromomethane	0.0168	0.0040	mg/Kg wet	0.0200		84.1	70-130				
Chloroethane	0.0195	0.020	mg/Kg wet	0.0200		97.3	70-130				
Chloroform	0.0196	0.0040	mg/Kg wet	0.0200		98.2	70-130				
Chloromethane	0.0188	0.010	mg/Kg wet	0.0200		94.0	70-130				
2-Chlorotoluene	0.0196	0.0020	mg/Kg wet	0.0200		98.2	70-130				
4-Chlorotoluene	0.0198	0.0020	mg/Kg wet	0.0200		98.9	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130				
1,2-Dibromoethane (EDB)	0.0182	0.0010	mg/Kg wet	0.0200		91.0	70-130				
Dibromomethane	0.0187	0.0020	mg/Kg wet	0.0200		93.4	70-130				
1,2-Dichlorobenzene	0.0195	0.0020	mg/Kg wet	0.0200		97.7	70-130				
1,3-Dichlorobenzene	0.0198	0.0020	mg/Kg wet	0.0200		99.2	70-130				
1,4-Dichlorobenzene	0.0195	0.0020	mg/Kg wet	0.0200		97.6	70-130				
trans-1,4-Dichloro-2-butene	0.0204	0.0040	mg/Kg wet	0.0200		102	70-130				
Dichlorodifluoromethane (Freon 12)	0.0176	0.020	mg/Kg wet	0.0200		88.0	70-130				†
1,1-Dichloroethane	0.0182	0.0020	mg/Kg wet	0.0200		91.2	70-130				
1,2-Dichloroethane	0.0195	0.0020	mg/Kg wet	0.0200		97.6	70-130				
1,1-Dichloroethylene	0.0204	0.0040	mg/Kg wet	0.0200		102	70-130				
cis-1,2-Dichloroethylene	0.0183	0.0020	mg/Kg wet	0.0200		91.6	70-130				
trans-1,2-Dichloroethylene	0.0189	0.0020	mg/Kg wet	0.0200		94.3	70-130				
1,2-Dichloropropane	0.0178	0.0020	mg/Kg wet	0.0200		89.2	70-130				
1,3-Dichloropropane	0.0186	0.0010	mg/Kg wet	0.0200		92.9	70-130				
2,2-Dichloropropane	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130				
1,1-Dichloropropene	0.0186	0.0020	mg/Kg wet	0.0200		93.1	70-130				
cis-1,3-Dichloropropene	0.0190	0.0020	mg/Kg wet	0.0200		94.8	70-130				
trans-1,3-Dichloropropene	0.0179	0.0040	mg/Kg wet	0.0200		89.7	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023144 - SW-846 5035											
LCS (B023144-BS1)				Prepared & Analyzed: 12/03/10							
Ethylbenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.6	70-130				
Hexachlorobutadiene	0.0186	0.0020	mg/Kg wet	0.0200		93.0	70-130				
2-Hexanone (MBK)	0.175	0.020	mg/Kg wet	0.200		87.6	70-130				†
Isopropylbenzene (Cumene)	0.0179	0.0040	mg/Kg wet	0.0200		89.6	70-130				
p-Isopropyltoluene (p-Cymene)	0.0194	0.0020	mg/Kg wet	0.0200		97.1	70-130				
Methyl tert-Butyl Ether (MTBE)	0.0185	0.0040	mg/Kg wet	0.0200		92.7	70-130				
Methylene Chloride	0.0176	0.020	mg/Kg wet	0.0200		88.2	70-130				†
4-Methyl-2-pentanone (MIBK)	0.181	0.020	mg/Kg wet	0.200		90.4	70-130				†
Naphthalene	0.0172	0.0040	mg/Kg wet	0.0200		86.1	70-130				†
n-Propylbenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.4	70-130				
Styrene	0.0196	0.0020	mg/Kg wet	0.0200		97.8	70-130				
1,1,1,2-Tetrachloroethane	0.0197	0.0020	mg/Kg wet	0.0200		98.6	70-130				
1,1,2,2-Tetrachloroethane	0.0180	0.0010	mg/Kg wet	0.0200		90.2	70-130				
Tetrachloroethylene	0.0191	0.0020	mg/Kg wet	0.0200		95.5	70-130				
Tetrahydrofuran	0.0164	0.010	mg/Kg wet	0.0200		82.1	70-130			V-16	
Toluene	0.0179	0.0020	mg/Kg wet	0.0200		89.5	70-130				
1,2,3-Trichlorobenzene	0.0164	0.0020	mg/Kg wet	0.0200		82.1	70-130				
1,2,4-Trichlorobenzene	0.0167	0.0020	mg/Kg wet	0.0200		83.5	70-130				
1,1,1-Trichloroethane	0.0196	0.0020	mg/Kg wet	0.0200		98.0	70-130				
1,1,2-Trichloroethane	0.0178	0.0020	mg/Kg wet	0.0200		88.8	70-130				
Trichloroethylene	0.0189	0.0020	mg/Kg wet	0.0200		94.5	70-130				
Trichlorofluoromethane (Freon 11)	0.0206	0.010	mg/Kg wet	0.0200		103	70-130				
1,2,3-Trichloropropane	0.0181	0.0020	mg/Kg wet	0.0200		90.6	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0207	0.010	mg/Kg wet	0.0200		104	70-130				
1,2,4-Trimethylbenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.4	70-130				
1,3,5-Trimethylbenzene	0.0198	0.0020	mg/Kg wet	0.0200		98.8	70-130				
Vinyl Chloride	0.0188	0.010	mg/Kg wet	0.0200		94.1	70-130				†
m+p Xylene	0.0386	0.0040	mg/Kg wet	0.0400		96.6	70-130				
o-Xylene	0.0194	0.0020	mg/Kg wet	0.0200		97.1	70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0504*		mg/Kg wet	0.0500		101	70-130				
Surrogate: Toluene-d8	*0.0491*		mg/Kg wet	0.0500		98.3	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0506*		mg/Kg wet	0.0500		101	70-130				

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023112 - SW-846 3546										
Blank (B023112-BLK1)				Prepared: 12/02/10 Analyzed: 12/03/10						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							V-04, V-05
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.66	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							R-05
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							R-05
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.66	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							V-04
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.66	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.66	mg/Kg wet							V-05
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylphenol	ND	0.34	mg/Kg wet							R-05
3/4-Methylphenol	ND	0.34	mg/Kg wet							R-05
Naphthalene	ND	0.17	mg/Kg wet							
2-Nitroaniline	ND	0.34	mg/Kg wet							
3-Nitroaniline	ND	0.34	mg/Kg wet							
4-Nitroaniline	ND	0.34	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B023112 - SW-846 3546												
Blank (B023112-BLK1)				Prepared: 12/02/10 Analyzed: 12/03/10								
4-Nitrophenol	ND	0.66	mg/Kg wet									
N-Nitrosodiphenylamine	ND	0.34	mg/Kg wet									
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet								R-05	
Pentachloronitrobenzene	ND	0.34	mg/Kg wet								V-16	
Pentachlorophenol	ND	0.34	mg/Kg wet									
Phenanthrene	ND	0.17	mg/Kg wet									
Phenol	ND	0.34	mg/Kg wet									
Pyrene	ND	0.17	mg/Kg wet									
Pyridine	ND	0.34	mg/Kg wet									
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet									
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet									
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet									
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet									
Surrogate: 2-Fluorophenol	*9.08*		mg/Kg wet	13.3		68.1		30-130				
Surrogate: Phenol-d6	*9.20*		mg/Kg wet	13.3		69.0		30-130				
Surrogate: Nitrobenzene-d5	*3.92*		mg/Kg wet	6.67		58.8		30-130				
Surrogate: 2-Fluorobiphenyl	*4.22*		mg/Kg wet	6.67		63.3		30-130				
Surrogate: 2,4,6-Tribromophenol	*8.38*		mg/Kg wet	13.3		62.9		30-130				
Surrogate: Terphenyl-d14	*3.87*		mg/Kg wet	6.67		58.0		30-130				
LCS (B023112-BS1)				Prepared: 12/02/10 Analyzed: 12/03/10								
Acenaphthene	1.35	0.17	mg/Kg wet	1.67		81.2		40-140				
Acenaphthylene	1.36	0.17	mg/Kg wet	1.67		81.9		40-140				
Aniline	1.03	0.34	mg/Kg wet	1.67		61.7		40-140				†
Anthracene	1.43	0.17	mg/Kg wet	1.67		86.0		40-140				
Benzo(a)anthracene	1.54	0.17	mg/Kg wet	1.67		92.3		40-140				
Benzo(a)pyrene	1.57	0.17	mg/Kg wet	1.67		94.5		40-140				
Benzo(b)fluoranthene	1.51	0.17	mg/Kg wet	1.67		90.9		40-140				
Benzo(g,h,i)perylene	1.69	0.17	mg/Kg wet	1.67		102		40-140				
Benzo(k)fluoranthene	1.54	0.17	mg/Kg wet	1.67		92.3		40-140				
Bis(2-chloroethoxy)methane	1.59	0.34	mg/Kg wet	1.67		95.2		40-140				
Bis(2-chloroethyl)ether	1.64	0.34	mg/Kg wet	1.67		98.4		40-140				
Bis(2-chloroisopropyl)ether	0.894	0.34	mg/Kg wet	1.67		53.7		40-140			V-05, V-04	
Bis(2-Ethylhexyl)phthalate	1.95	0.34	mg/Kg wet	1.67		117		40-140				
4-Bromophenylphenylether	1.62	0.34	mg/Kg wet	1.67		97.5		40-140				
Butylbenzylphthalate	1.91	0.66	mg/Kg wet	1.67		114		40-140				
Carbazole	1.50	0.17	mg/Kg wet	1.67		90.0		40-140				
4-Chloroaniline	0.660	0.66	mg/Kg wet	1.67		**39.6**	*	40-140			L-07A	†
4-Chloro-3-methylphenol	1.28	0.66	mg/Kg wet	1.67		76.5		30-130			R-05	
2-Chloronaphthalene	1.48	0.34	mg/Kg wet	1.67		88.6		40-140				
2-Chlorophenol	1.62	0.34	mg/Kg wet	1.67		97.0		30-130				
4-Chlorophenylphenylether	1.70	0.34	mg/Kg wet	1.67		102		40-140				
Chrysene	1.50	0.17	mg/Kg wet	1.67		89.9		40-140				
Dibenz(a,h)anthracene	1.90	0.17	mg/Kg wet	1.67		114		40-140				
Dibenzofuran	1.65	0.34	mg/Kg wet	1.67		99.0		40-140				
Di-n-butylphthalate	1.89	0.34	mg/Kg wet	1.67		113		40-140				
3,3-Dichlorobenzidine	1.57	0.17	mg/Kg wet	1.67		94.3		40-140				†
2,4-Dichlorophenol	1.60	0.34	mg/Kg wet	1.67		96.0		30-130				
Diethylphthalate	1.78	0.34	mg/Kg wet	1.67		107		40-140				
2,4-Dimethylphenol	1.57	0.34	mg/Kg wet	1.67		94.1		30-130				
Dimethylphthalate	1.79	0.66	mg/Kg wet	1.67		107		40-140				
4,6-Dinitro-2-methylphenol	1.49	0.34	mg/Kg wet	1.67		89.3		30-130				

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023112 - SW-846 3546											
LCS (B023112-BS1)				Prepared: 12/02/10 Analyzed: 12/03/10							
2,4-Dinitrophenol	1.36	0.66	mg/Kg wet	1.67		81.6	30-130			V-04	
2,4-Dinitrotoluene	1.79	0.34	mg/Kg wet	1.67		107	40-140				
2,6-Dinitrotoluene	1.77	0.34	mg/Kg wet	1.67		106	40-140				
Di-n-octylphthalate	2.08	0.66	mg/Kg wet	1.67		125	40-140				
Fluoranthene	1.54	0.17	mg/Kg wet	1.67		92.1	40-140				
Fluorene	1.40	0.17	mg/Kg wet	1.67		84.0	40-140				
Hexachlorobenzene	1.66	0.34	mg/Kg wet	1.67		99.5	40-140				
Hexachlorobutadiene	1.52	0.34	mg/Kg wet	1.67		91.1	40-140				
Hexachlorocyclopentadiene	1.30	0.66	mg/Kg wet	1.67		77.8	30-140			V-05	
Hexachloroethane	1.45	0.34	mg/Kg wet	1.67		86.9	40-140				
Indeno(1,2,3-cd)pyrene	1.88	0.17	mg/Kg wet	1.67		113	40-140				
Isophorone	1.46	0.34	mg/Kg wet	1.67		87.4	40-140				
2-Methylnaphthalene	1.31	0.17	mg/Kg wet	1.67		78.5	40-140				
2-Methylphenol	1.74	0.34	mg/Kg wet	1.67		105	30-130			L-07A	
3/4-Methylphenol	1.60	0.34	mg/Kg wet	1.67		95.9	30-130			R-05	
Naphthalene	1.31	0.17	mg/Kg wet	1.67		78.3	40-140				
2-Nitroaniline	1.49	0.34	mg/Kg wet	1.67		89.4	40-140				
3-Nitroaniline	1.14	0.34	mg/Kg wet	1.67		68.3	40-140				†
4-Nitroaniline	1.82	0.34	mg/Kg wet	1.67		109	40-140				
Nitrobenzene	1.49	0.34	mg/Kg wet	1.67		89.4	40-140				
2-Nitrophenol	1.67	0.34	mg/Kg wet	1.67		100	30-130				
4-Nitrophenol	1.68	0.66	mg/Kg wet	1.67		101	10-130				
N-Nitrosodiphenylamine	1.81	0.34	mg/Kg wet	1.67		109	40-140				
N-Nitrosodi-n-propylamine	1.46	0.34	mg/Kg wet	1.67		87.7	40-140			R-05	
Pentachloronitrobenzene	1.04	0.34	mg/Kg wet	0.833		125	40-140			V-16	
Pentachlorophenol	0.965	0.34	mg/Kg wet	1.67		57.9	30-130				
Phenanthrene	1.39	0.17	mg/Kg wet	1.67		83.3	40-140				
Phenol	1.60	0.34	mg/Kg wet	1.67		95.9	20-130				
Pyrene	1.47	0.17	mg/Kg wet	1.67		88.1	40-140				
Pyridine	1.13	0.34	mg/Kg wet	1.67		67.5	10-140				†
1,2,4,5-Tetrachlorobenzene	0.957	0.34	mg/Kg wet	0.833		115	40-140				
1,2,4-Trichlorobenzene	1.67	0.34	mg/Kg wet	1.67		100	40-140				
2,4,5-Trichlorophenol	1.70	0.34	mg/Kg wet	1.67		102	30-130				
2,4,6-Trichlorophenol	1.65	0.34	mg/Kg wet	1.67		99.2	30-130				
Surrogate: 2-Fluorophenol	*6.41*		mg/Kg wet	13.3		48.1	30-130				
Surrogate: Phenol-d6	*6.19*		mg/Kg wet	13.3		46.4	30-130				
Surrogate: Nitrobenzene-d5	*3.15*		mg/Kg wet	6.67		47.3	30-130				
Surrogate: 2-Fluorobiphenyl	*3.53*		mg/Kg wet	6.67		52.9	30-130				
Surrogate: 2,4,6-Tribromophenol	*8.19*		mg/Kg wet	13.3		61.5	30-130				
Surrogate: Terphenyl-d14	*3.79*		mg/Kg wet	6.67		56.9	30-130				
LCS Dup (B023112-BSD1)				Prepared: 12/02/10 Analyzed: 12/03/10							
Acenaphthene	1.48	0.17	mg/Kg wet	1.67		88.9	40-140	9.10	20		
Acenaphthylene	1.47	0.17	mg/Kg wet	1.67		88.3	40-140	7.57	20		
Aniline	1.24	0.34	mg/Kg wet	1.67		74.3	40-140	18.6	50		† ‡
Anthracene	1.53	0.17	mg/Kg wet	1.67		91.8	40-140	6.61	20		
Benzo(a)anthracene	1.72	0.17	mg/Kg wet	1.67		103	40-140	10.9	20		
Benzo(a)pyrene	1.79	0.17	mg/Kg wet	1.67		108	40-140	13.0	20		
Benzo(b)fluoranthene	1.74	0.17	mg/Kg wet	1.67		105	40-140	14.1	20		
Benzo(g,h,i)perylene	1.82	0.17	mg/Kg wet	1.67		109	40-140	7.34	20		
Benzo(k)fluoranthene	1.78	0.17	mg/Kg wet	1.67		107	40-140	14.5	20		
Bis(2-chloroethoxy)methane	1.84	0.34	mg/Kg wet	1.67		111	40-140	15.0	20		

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes	
Batch B023112 - SW-846 3546													
LCS Dup (B023112-BSD1)				Prepared: 12/02/10 Analyzed: 12/03/10									
Bis(2-chloroethyl)ether	1.89	0.34	mg/Kg wet	1.67		113		40-140	14.2		20		
Bis(2-chloroisopropyl)ether	1.03	0.34	mg/Kg wet	1.67		61.6		40-140	13.7		20	V-04, V-05	
Bis(2-Ethylhexyl)phthalate	2.15	0.34	mg/Kg wet	1.67		129		40-140	9.70		20		
4-Bromophenylphenylether	1.75	0.34	mg/Kg wet	1.67		105		40-140	7.62		20		
Butylbenzylphthalate	2.17	0.66	mg/Kg wet	1.67		130		40-140	12.9		20		
Carbazole	1.57	0.17	mg/Kg wet	1.67		94.4		40-140	4.81		20		
4-Chloroaniline	0.868	0.66	mg/Kg wet	1.67		52.1		40-140	**27.2**	*	20	L-07A	†
4-Chloro-3-methylphenol	1.73	0.66	mg/Kg wet	1.67		104		30-130	**30.0**	*	20	R-05	
2-Chloronaphthalene	1.53	0.34	mg/Kg wet	1.67		92.0		40-140	3.70		20		
2-Chlorophenol	1.82	0.34	mg/Kg wet	1.67		109		30-130	11.8		20		
4-Chlorophenylphenylether	1.90	0.34	mg/Kg wet	1.67		114		40-140	11.1		20		
Chrysene	1.67	0.17	mg/Kg wet	1.67		100		40-140	10.7		20		
Dibenz(a,h)anthracene	2.04	0.17	mg/Kg wet	1.67		122		40-140	7.35		20		
Dibenzofuran	1.82	0.34	mg/Kg wet	1.67		109		40-140	9.97		20		
Di-n-butylphthalate	1.99	0.34	mg/Kg wet	1.67		119		40-140	5.27		20		
3,3-Dichlorobenzidine	1.70	0.17	mg/Kg wet	1.67		102		40-140	7.79		20		† ‡
2,4-Dichlorophenol	1.95	0.34	mg/Kg wet	1.67		117		30-130	19.8		20		
Diethylphthalate	2.04	0.34	mg/Kg wet	1.67		122		40-140	13.4		20		
2,4-Dimethylphenol	1.88	0.34	mg/Kg wet	1.67		113		30-130	18.4		20		
Dimethylphthalate	2.03	0.66	mg/Kg wet	1.67		122		40-140	12.6		50		
4,6-Dinitro-2-methylphenol	1.59	0.34	mg/Kg wet	1.67		95.5		30-130	6.65		50		
2,4-Dinitrophenol	1.48	0.66	mg/Kg wet	1.67		88.8		30-130	8.45		50	V-04	
2,4-Dinitrotoluene	2.03	0.34	mg/Kg wet	1.67		122		40-140	12.6		20		
2,6-Dinitrotoluene	2.02	0.34	mg/Kg wet	1.67		121		40-140	13.1		20		
Di-n-octylphthalate	2.42	0.66	mg/Kg wet	1.67		**145**	*	40-140	15.1		20	L-07	
Fluoranthene	1.55	0.17	mg/Kg wet	1.67		93.1		40-140	1.08		20		
Fluorene	1.57	0.17	mg/Kg wet	1.67		94.0		40-140	11.3		20		
Hexachlorobenzene	1.80	0.34	mg/Kg wet	1.67		108		40-140	8.25		20		
Hexachlorobutadiene	1.63	0.34	mg/Kg wet	1.67		97.9		40-140	7.20		20		
Hexachlorocyclopentadiene	1.20	0.66	mg/Kg wet	1.67		72.2		30-140	7.57		50	V-05	
Hexachloroethane	1.57	0.34	mg/Kg wet	1.67		94.4		40-140	8.32		50		
Indeno(1,2,3-cd)pyrene	2.04	0.17	mg/Kg wet	1.67		122		40-140	7.90		50		
Isophorone	1.75	0.34	mg/Kg wet	1.67		105		40-140	18.4		20		
2-Methylnaphthalene	1.59	0.17	mg/Kg wet	1.67		95.2		40-140	19.2		20		
2-Methylphenol	2.18	0.34	mg/Kg wet	1.67		**131**	*	30-130	**22.4**	*	20	L-07A	
3/4-Methylphenol	2.01	0.34	mg/Kg wet	1.67		120		30-130	**22.8**	*	20	R-05	
Naphthalene	1.48	0.17	mg/Kg wet	1.67		88.6		40-140	12.3		20		
2-Nitroaniline	1.68	0.34	mg/Kg wet	1.67		101		40-140	11.8		20		
3-Nitroaniline	1.35	0.34	mg/Kg wet	1.67		81.1		40-140	17.1		20		†
4-Nitroaniline	2.00	0.34	mg/Kg wet	1.67		120		40-140	9.41		20		
Nitrobenzene	1.56	0.34	mg/Kg wet	1.67		93.8		40-140	4.85		20		
2-Nitrophenol	1.89	0.34	mg/Kg wet	1.67		114		30-130	12.4		20		
4-Nitrophenol	1.83	0.66	mg/Kg wet	1.67		110		10-130	8.99		50		‡
N-Nitrosodiphenylamine	1.98	0.34	mg/Kg wet	1.67		119		40-140	9.07		20		
N-Nitrosodi-n-propylamine	1.81	0.34	mg/Kg wet	1.67		108		40-140	**21.2**	*	20	R-05	
Pentachloronitrobenzene	1.11	0.34	mg/Kg wet	0.833		133		40-140	6.47		20	V-16	
Pentachlorophenol	1.04	0.34	mg/Kg wet	1.67		62.7		30-130	7.96		50		
Phenanthrene	1.51	0.17	mg/Kg wet	1.67		90.8		40-140	8.66		20		
Phenol	1.90	0.34	mg/Kg wet	1.67		114		20-130	17.2		20		
Pyrene	1.71	0.17	mg/Kg wet	1.67		103		40-140	15.1		20		
Pyridine	1.12	0.34	mg/Kg wet	1.67		67.0		10-140	0.743		50		†
1,2,4,5-Tetrachlorobenzene	0.958	0.34	mg/Kg wet	0.833		115		40-140	0.139		20		

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023112 - SW-846 3546										
LCS Dup (B023112-BSD1)				Prepared: 12/02/10 Analyzed: 12/03/10						
1,2,4-Trichlorobenzene	1.86	0.34	mg/Kg wet	1.67		112	40-140	11.2	20	
2,4,5-Trichlorophenol	1.86	0.34	mg/Kg wet	1.67		112	30-130	9.35	20	
2,4,6-Trichlorophenol	1.83	0.34	mg/Kg wet	1.67		110	30-130	10.3	50	
Surrogate: 2-Fluorophenol	*6.92*		mg/Kg wet	13.3		51.9	30-130			
Surrogate: Phenol-d6	*7.66*		mg/Kg wet	13.3		57.4	30-130			
Surrogate: Nitrobenzene-d5	*3.41*		mg/Kg wet	6.67		51.1	30-130			
Surrogate: 2-Fluorobiphenyl	*3.52*		mg/Kg wet	6.67		52.7	30-130			
Surrogate: 2,4,6-Tribromophenol	*9.06*		mg/Kg wet	13.3		68.0	30-130			
Surrogate: Terphenyl-d14	*4.33*		mg/Kg wet	6.67		65.0	30-130			
Batch B023195 - SW-846 3546										
Blank (B023195-BLK1)				Prepared: 12/03/10 Analyzed: 12/04/10						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							V-04
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.66	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							L-04
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.66	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							V-04
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.66	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.66	mg/Kg wet							

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B023195 - SW-846 3546												
Blank (B023195-BLK1)				Prepared: 12/03/10 Analyzed: 12/04/10								
Hexachloroethane	ND	0.34	mg/Kg wet									
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet									
Isophorone	ND	0.34	mg/Kg wet									
2-Methylnaphthalene	ND	0.17	mg/Kg wet									
2-Methylphenol	ND	0.34	mg/Kg wet									
3/4-Methylphenol	ND	0.34	mg/Kg wet									
Naphthalene	ND	0.17	mg/Kg wet									
2-Nitroaniline	ND	0.34	mg/Kg wet									
3-Nitroaniline	ND	0.34	mg/Kg wet									
4-Nitroaniline	ND	0.34	mg/Kg wet									
Nitrobenzene	ND	0.34	mg/Kg wet									
2-Nitrophenol	ND	0.34	mg/Kg wet									
4-Nitrophenol	ND	0.66	mg/Kg wet									
N-Nitrosodiphenylamine	ND	0.34	mg/Kg wet									
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet									
Pentachloronitrobenzene	ND	0.34	mg/Kg wet								V-16	
Pentachlorophenol	ND	0.34	mg/Kg wet									
Phenanthrene	ND	0.17	mg/Kg wet									
Phenol	ND	0.34	mg/Kg wet									
Pyrene	ND	0.17	mg/Kg wet									
Pyridine	ND	0.34	mg/Kg wet									
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet									
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet									
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet									
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet									
Surrogate: 2-Fluorophenol	*4.97*		mg/Kg wet	6.67		74.5		30-130				
Surrogate: Phenol-d6	*5.20*		mg/Kg wet	6.67		78.0		30-130				
Surrogate: Nitrobenzene-d5	*2.19*		mg/Kg wet	3.33		65.6		30-130				
Surrogate: 2-Fluorobiphenyl	*2.35*		mg/Kg wet	3.33		70.5		30-130				
Surrogate: 2,4,6-Tribromophenol	*4.63*		mg/Kg wet	6.67		69.4		30-130				
Surrogate: Terphenyl-d14	*2.45*		mg/Kg wet	3.33		73.5		30-130				
LCS (B023195-BS1)				Prepared: 12/03/10 Analyzed: 12/04/10								
Acenaphthene	1.03	0.17	mg/Kg wet	1.67		61.7		40-140				
Acenaphthylene	1.02	0.17	mg/Kg wet	1.67		61.0		40-140				
Aniline	0.888	0.34	mg/Kg wet	1.67		53.3		40-140				†
Anthracene	1.09	0.17	mg/Kg wet	1.67		65.4		40-140				
Benzo(a)anthracene	1.08	0.17	mg/Kg wet	1.67		64.7		40-140				
Benzo(a)pyrene	1.17	0.17	mg/Kg wet	1.67		70.2		40-140				
Benzo(b)fluoranthene	1.11	0.17	mg/Kg wet	1.67		66.5		40-140				
Benzo(g,h,i)perylene	1.17	0.17	mg/Kg wet	1.67		70.2		40-140				
Benzo(k)fluoranthene	1.15	0.17	mg/Kg wet	1.67		69.1		40-140				
Bis(2-chloroethoxy)methane	1.20	0.34	mg/Kg wet	1.67		72.2		40-140				
Bis(2-chloroethyl)ether	1.27	0.34	mg/Kg wet	1.67		76.1		40-140				
Bis(2-chloroisopropyl)ether	0.697	0.34	mg/Kg wet	1.67		41.8		40-140			V-04	
Bis(2-Ethylhexyl)phthalate	1.82	0.34	mg/Kg wet	1.67		109		40-140				
4-Bromophenylphenylether	1.21	0.34	mg/Kg wet	1.67		72.6		40-140				
Butylbenzylphthalate	1.31	0.66	mg/Kg wet	1.67		78.3		40-140				
Carbazole	1.15	0.17	mg/Kg wet	1.67		69.0		40-140				
4-Chloroaniline	0.534	0.66	mg/Kg wet	1.67		**32.0**	*	40-140			L-04	†
4-Chloro-3-methylphenol	1.03	0.66	mg/Kg wet	1.67		61.5		30-130				
2-Chloronaphthalene	1.11	0.34	mg/Kg wet	1.67		66.8		40-140				

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023195 - SW-846 3546											
LCS (B023195-BS1)				Prepared: 12/03/10 Analyzed: 12/04/10							
2-Chlorophenol	1.24	0.34	mg/Kg wet	1.67		74.3	30-130				
4-Chlorophenylphenylether	1.27	0.34	mg/Kg wet	1.67		76.4	40-140				
Chrysene	1.09	0.17	mg/Kg wet	1.67		65.1	40-140				
Dibenz(a,h)anthracene	1.22	0.17	mg/Kg wet	1.67		73.3	40-140				
Dibenzofuran	1.24	0.34	mg/Kg wet	1.67		74.3	40-140				
Di-n-butylphthalate	1.45	0.34	mg/Kg wet	1.67		86.7	40-140				
3,3-Dichlorobenzidine	1.12	0.17	mg/Kg wet	1.67		67.2	40-140				†
2,4-Dichlorophenol	1.21	0.34	mg/Kg wet	1.67		72.4	30-130				
Diethylphthalate	1.32	0.34	mg/Kg wet	1.67		79.0	40-140				
2,4-Dimethylphenol	1.23	0.34	mg/Kg wet	1.67		73.5	30-130				
Dimethylphthalate	1.32	0.66	mg/Kg wet	1.67		79.4	40-140				
4,6-Dinitro-2-methylphenol	1.02	0.34	mg/Kg wet	1.67		61.3	30-130				
2,4-Dinitrophenol	0.642	0.66	mg/Kg wet	1.67		38.5	30-130			V-04	
2,4-Dinitrotoluene	1.32	0.34	mg/Kg wet	1.67		79.4	40-140				
2,6-Dinitrotoluene	1.32	0.34	mg/Kg wet	1.67		79.4	40-140				
Di-n-octylphthalate	1.44	0.66	mg/Kg wet	1.67		86.2	40-140				
Fluoranthene	1.12	0.17	mg/Kg wet	1.67		67.1	40-140				
Fluorene	1.05	0.17	mg/Kg wet	1.67		63.0	40-140				
Hexachlorobenzene	1.24	0.34	mg/Kg wet	1.67		74.2	40-140				
Hexachlorobutadiene	1.08	0.34	mg/Kg wet	1.67		64.6	40-140				
Hexachlorocyclopentadiene	0.920	0.66	mg/Kg wet	1.67		55.2	30-140				
Hexachloroethane	1.09	0.34	mg/Kg wet	1.67		65.4	40-140				
Indeno(1,2,3-cd)pyrene	1.29	0.17	mg/Kg wet	1.67		77.6	40-140				
Isophorone	1.13	0.34	mg/Kg wet	1.67		67.6	40-140				
2-Methylnaphthalene	0.990	0.17	mg/Kg wet	1.67		59.4	40-140				
2-Methylphenol	1.42	0.34	mg/Kg wet	1.67		85.2	30-130				
3/4-Methylphenol	1.31	0.34	mg/Kg wet	1.67		78.6	30-130				
Naphthalene	0.981	0.17	mg/Kg wet	1.67		58.8	40-140				
2-Nitroaniline	1.17	0.34	mg/Kg wet	1.67		70.3	40-140				
3-Nitroaniline	0.908	0.34	mg/Kg wet	1.67		54.5	40-140				†
4-Nitroaniline	1.38	0.34	mg/Kg wet	1.67		82.7	40-140				
Nitrobenzene	1.11	0.34	mg/Kg wet	1.67		66.5	40-140				
2-Nitrophenol	1.20	0.34	mg/Kg wet	1.67		72.2	30-130				
4-Nitrophenol	1.24	0.66	mg/Kg wet	1.67		74.2	10-130				
N-Nitrosodiphenylamine	1.38	0.34	mg/Kg wet	1.67		83.1	40-140				
N-Nitrosodi-n-propylamine	1.26	0.34	mg/Kg wet	1.67		75.8	40-140				
Pentachloronitrobenzene	0.721	0.34	mg/Kg wet	0.833		86.6	40-140			V-16	
Pentachlorophenol	0.621	0.34	mg/Kg wet	1.67		37.3	30-130				
Phenanthrene	1.07	0.17	mg/Kg wet	1.67		64.3	40-140				
Phenol	1.33	0.34	mg/Kg wet	1.67		79.9	20-130				
Pyrene	1.05	0.17	mg/Kg wet	1.67		62.8	40-140				
Pyridine	0.756	0.34	mg/Kg wet	1.67		45.4	10-140				†
1,2,4,5-Tetrachlorobenzene	0.639	0.34	mg/Kg wet	0.833		76.6	40-140				
1,2,4-Trichlorobenzene	1.19	0.34	mg/Kg wet	1.67		71.1	40-140				
2,4,5-Trichlorophenol	1.28	0.34	mg/Kg wet	1.67		76.6	30-130				
2,4,6-Trichlorophenol	1.23	0.34	mg/Kg wet	1.67		73.9	30-130				
Surrogate: 2-Fluorophenol	*4.76*		mg/Kg wet	6.67		71.4	30-130				
Surrogate: Phenol-d6	*5.13*		mg/Kg wet	6.67		76.9	30-130				
Surrogate: Nitrobenzene-d5	*2.26*		mg/Kg wet	3.33		67.8	30-130				
Surrogate: 2-Fluorobiphenyl	*2.57*		mg/Kg wet	3.33		77.2	30-130				
Surrogate: 2,4,6-Tribromophenol	*5.72*		mg/Kg wet	6.67		85.8	30-130				
Surrogate: Terphenyl-d14	*2.59*		mg/Kg wet	3.33		77.8	30-130				

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B023195 - SW-846 3546												
LCS Dup (B023195-BSD1)				Prepared: 12/03/10 Analyzed: 12/04/10								
Acenaphthene	0.929	0.17	mg/Kg wet	1.67		55.7		40-140	10.1	20		
Acenaphthylene	0.913	0.17	mg/Kg wet	1.67		54.8		40-140	10.7	20		
Aniline	0.907	0.34	mg/Kg wet	1.67		54.4		40-140	2.08	50		† ‡
Anthracene	0.996	0.17	mg/Kg wet	1.67		59.8		40-140	8.95	20		
Benzo(a)anthracene	0.995	0.17	mg/Kg wet	1.67		59.7		40-140	7.97	20		
Benzo(a)pyrene	1.06	0.17	mg/Kg wet	1.67		63.3		40-140	10.3	20		
Benzo(b)fluoranthene	0.997	0.17	mg/Kg wet	1.67		59.8		40-140	10.5	20		
Benzo(g,h,i)perylene	1.15	0.17	mg/Kg wet	1.67		69.2		40-140	1.44	20		
Benzo(k)fluoranthene	1.02	0.17	mg/Kg wet	1.67		61.1		40-140	12.3	20		
Bis(2-chloroethoxy)methane	1.10	0.34	mg/Kg wet	1.67		65.8		40-140	9.30	20		
Bis(2-chloroethyl)ether	1.13	0.34	mg/Kg wet	1.67		67.7		40-140	11.7	20		
Bis(2-chloroisopropyl)ether	0.646	0.34	mg/Kg wet	1.67		**38.8**	*	40-140	7.59	20	L-07, V-04	
Bis(2-Ethylhexyl)phthalate	1.80	0.34	mg/Kg wet	1.67		108		40-140	1.22	20		
4-Bromophenylphenylether	1.17	0.34	mg/Kg wet	1.67		70.1		40-140	3.50	20		
Butylbenzylphthalate	1.29	0.66	mg/Kg wet	1.67		77.5		40-140	1.10	20		
Carbazole	1.04	0.17	mg/Kg wet	1.67		62.3		40-140	10.2	20		
4-Chloroaniline	0.522	0.66	mg/Kg wet	1.67		**31.3**	*	40-140	2.27	20	L-04	†
4-Chloro-3-methylphenol	1.11	0.66	mg/Kg wet	1.67		66.5		30-130	7.78	20		
2-Chloronaphthalene	0.943	0.34	mg/Kg wet	1.67		56.6		40-140	16.6	20		
2-Chlorophenol	1.15	0.34	mg/Kg wet	1.67		68.8		30-130	7.68	20		
4-Chlorophenylphenylether	1.18	0.34	mg/Kg wet	1.67		71.0		40-140	7.27	20		
Chrysene	0.985	0.17	mg/Kg wet	1.67		59.1		40-140	9.72	20		
Dibenz(a,h)anthracene	1.27	0.17	mg/Kg wet	1.67		76.3		40-140	3.96	20		
Dibenzofuran	1.14	0.34	mg/Kg wet	1.67		68.7		40-140	7.91	20		
Di-n-butylphthalate	1.30	0.34	mg/Kg wet	1.67		78.1		40-140	10.5	20		
3,3-Dichlorobenzidine	1.05	0.17	mg/Kg wet	1.67		63.2		40-140	6.08	20		† ‡
2,4-Dichlorophenol	1.15	0.34	mg/Kg wet	1.67		68.9		30-130	4.92	20		
Diethylphthalate	1.24	0.34	mg/Kg wet	1.67		74.7		40-140	5.67	20		
2,4-Dimethylphenol	1.14	0.34	mg/Kg wet	1.67		68.6		30-130	6.95	20		
Dimethylphthalate	1.23	0.66	mg/Kg wet	1.67		73.5		40-140	7.74	50		
4,6-Dinitro-2-methylphenol	1.01	0.34	mg/Kg wet	1.67		60.5		30-130	1.41	50		
2,4-Dinitrophenol	0.621	0.66	mg/Kg wet	1.67		37.3		30-130	3.32	50	V-04	
2,4-Dinitrotoluene	1.22	0.34	mg/Kg wet	1.67		73.5		40-140	7.77	20		
2,6-Dinitrotoluene	1.23	0.34	mg/Kg wet	1.67		73.8		40-140	7.31	20		
Di-n-octylphthalate	1.34	0.66	mg/Kg wet	1.67		80.1		40-140	7.36	20		
Fluoranthene	1.04	0.17	mg/Kg wet	1.67		62.6		40-140	6.94	20		
Fluorene	0.989	0.17	mg/Kg wet	1.67		59.3		40-140	5.95	20		
Hexachlorobenzene	1.17	0.34	mg/Kg wet	1.67		70.0		40-140	5.88	20		
Hexachlorobutadiene	0.932	0.34	mg/Kg wet	1.67		55.9		40-140	14.4	20		
Hexachlorocyclopentadiene	0.715	0.66	mg/Kg wet	1.67		42.9		30-140	25.0	50		
Hexachloroethane	1.02	0.34	mg/Kg wet	1.67		61.0		40-140	6.96	50		
Indeno(1,2,3-cd)pyrene	1.27	0.17	mg/Kg wet	1.67		76.0		40-140	2.16	50		
Isophorone	1.07	0.34	mg/Kg wet	1.67		63.9		40-140	5.66	20		
2-Methylnaphthalene	0.945	0.17	mg/Kg wet	1.67		56.7		40-140	4.62	20		
2-Methylphenol	1.29	0.34	mg/Kg wet	1.67		77.2		30-130	9.88	20		
3/4-Methylphenol	1.24	0.34	mg/Kg wet	1.67		74.2		30-130	5.78	20		
Naphthalene	0.876	0.17	mg/Kg wet	1.67		52.6		40-140	11.3	20		
2-Nitroaniline	1.13	0.34	mg/Kg wet	1.67		67.6		40-140	3.91	20		
3-Nitroaniline	0.922	0.34	mg/Kg wet	1.67		55.3		40-140	1.57	20		†
4-Nitroaniline	1.25	0.34	mg/Kg wet	1.67		75.0		40-140	9.76	20		
Nitrobenzene	0.987	0.34	mg/Kg wet	1.67		59.2		40-140	11.6	20		
2-Nitrophenol	1.09	0.34	mg/Kg wet	1.67		65.1		30-130	10.4	20		

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023195 - SW-846 3546											
LCS Dup (B023195-BSD1)				Prepared: 12/03/10 Analyzed: 12/04/10							
4-Nitrophenol	1.11	0.66	mg/Kg wet	1.67		66.7	10-130	10.6	50		‡
N-Nitrosodiphenylamine	1.37	0.34	mg/Kg wet	1.67		82.2	40-140	1.09	20		
N-Nitrosodi-n-propylamine	1.20	0.34	mg/Kg wet	1.67		71.7	40-140	5.58	20		
Pentachloronitrobenzene	0.664	0.34	mg/Kg wet	0.833		79.6	40-140	8.33	20	V-16	
Pentachlorophenol	0.580	0.34	mg/Kg wet	1.67		34.8	30-130	6.77	50		
Phenanthrene	0.980	0.17	mg/Kg wet	1.67		58.8	40-140	8.87	20		
Phenol	1.26	0.34	mg/Kg wet	1.67		75.6	20-130	5.50	20		
Pyrene	0.901	0.17	mg/Kg wet	1.67		54.0	40-140	15.0	20		
Pyridine	0.743	0.34	mg/Kg wet	1.67		44.6	10-140	1.73	50		†
1,2,4,5-Tetrachlorobenzene	0.527	0.34	mg/Kg wet	0.833		63.2	40-140	19.2	20		
1,2,4-Trichlorobenzene	1.05	0.34	mg/Kg wet	1.67		63.1	40-140	12.0	20		
2,4,5-Trichlorophenol	1.19	0.34	mg/Kg wet	1.67		71.4	30-130	7.00	20		
2,4,6-Trichlorophenol	1.10	0.34	mg/Kg wet	1.67		66.2	30-130	10.9	50		
Surrogate: 2-Fluorophenol	*4.33*		mg/Kg wet	6.67		64.9	30-130				
Surrogate: Phenol-d6	*4.76*		mg/Kg wet	6.67		71.4	30-130				
Surrogate: Nitrobenzene-d5	*2.02*		mg/Kg wet	3.33		60.7	30-130				
Surrogate: 2-Fluorobiphenyl	*2.15*		mg/Kg wet	3.33		64.5	30-130				
Surrogate: 2,4,6-Tribromophenol	*5.24*		mg/Kg wet	6.67		78.6	30-130				
Surrogate: Terphenyl-d14	*2.34*		mg/Kg wet	3.33		70.2	30-130				

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023107 - SW-846 3546										
Blank (B023107-BLK1)				Prepared: 12/02/10 Analyzed: 12/03/10						
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.217*		mg/Kg wet	0.200		109	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.217*		mg/Kg wet	0.200		108	30-150			
Surrogate: Tetrachloro-m-xylene	*0.222*		mg/Kg wet	0.200		111	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.231*		mg/Kg wet	0.200		116	30-150			
LCS (B023107-BS1)				Prepared: 12/02/10 Analyzed: 12/03/10						
Aroclor-1016	0.20	0.10	mg/Kg wet	0.200		98.1	40-140			
Aroclor-1016 [2C]	0.21	0.10	mg/Kg wet	0.200		103	40-140			
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200		96.1	40-140			
Aroclor-1260 [2C]	0.20	0.10	mg/Kg wet	0.200		97.7	40-140			
Surrogate: Decachlorobiphenyl	*0.191*		mg/Kg wet	0.200		95.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.193*		mg/Kg wet	0.200		96.3	30-150			
Surrogate: Tetrachloro-m-xylene	*0.191*		mg/Kg wet	0.200		95.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.199*		mg/Kg wet	0.200		99.3	30-150			
LCS Dup (B023107-BSD1)				Prepared: 12/02/10 Analyzed: 12/03/10						
Aroclor-1016	0.23	0.10	mg/Kg wet	0.200		113	40-140	14.2	30	
Aroclor-1016 [2C]	0.24	0.10	mg/Kg wet	0.200		119	40-140	13.8	30	
Aroclor-1260	0.22	0.10	mg/Kg wet	0.200		109	40-140	13.0	30	
Aroclor-1260 [2C]	0.22	0.10	mg/Kg wet	0.200		112	40-140	13.6	30	
Surrogate: Decachlorobiphenyl	*0.216*		mg/Kg wet	0.200		108	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.217*		mg/Kg wet	0.200		108	30-150			
Surrogate: Tetrachloro-m-xylene	*0.221*		mg/Kg wet	0.200		111	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.231*		mg/Kg wet	0.200		115	30-150			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023108 - SW-846 3546										
Blank (B023108-BLK1)				Prepared: 12/02/10 Analyzed: 12/06/10						
CT ETPH	ND	10	mg/Kg wet							
Surrogate: o-Terphenyl	*3.32*		mg/Kg wet	3.33		99.7	50-150			
LCS (B023108-BS1)				Prepared: 12/02/10 Analyzed: 12/06/10						
CT ETPH	28.5	10	mg/Kg wet	33.3		85.4	60-120			
Surrogate: o-Terphenyl	*3.20*		mg/Kg wet	3.33		95.9	50-150			
LCS Dup (B023108-BSD1)				Prepared: 12/02/10 Analyzed: 12/06/10						
CT ETPH	28.9	10	mg/Kg wet	33.3		86.8	60-120	1.58	30	
Surrogate: o-Terphenyl	*3.15*		mg/Kg wet	3.33		94.6	50-150			
Batch B023109 - SW-846 3546										
Blank (B023109-BLK1)				Prepared: 12/02/10 Analyzed: 12/03/10						
CT ETPH	ND	10	mg/Kg wet							
Surrogate: o-Terphenyl	*3.34*		mg/Kg wet	3.33		100	50-150			
LCS (B023109-BS1)				Prepared: 12/02/10 Analyzed: 12/03/10						
CT ETPH	29.9	10	mg/Kg wet	33.3		89.7	60-120			
Surrogate: o-Terphenyl	*3.20*		mg/Kg wet	3.33		95.9	50-150			
LCS Dup (B023109-BSD1)				Prepared: 12/02/10 Analyzed: 12/03/10						
CT ETPH	29.3	10	mg/Kg wet	33.3		87.9	60-120	2.08	30	
Surrogate: o-Terphenyl	*3.19*		mg/Kg wet	3.33		95.6	50-150			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023110 - SW-846 3050B										
Blank (B023110-BLK1)				Prepared: 12/02/10 Analyzed: 12/06/10						
Antimony	ND	2.5	mg/Kg wet							
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Beryllium	ND	0.25	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Copper	ND	0.50	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
Nickel	ND	0.50	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							
Thallium	ND	2.5	mg/Kg wet							
Vanadium	ND	1.0	mg/Kg wet							
Zinc	ND	1.0	mg/Kg wet							
LCS (B023110-BS1)				Prepared: 12/02/10 Analyzed: 12/06/10						
Antimony	113	5.0	mg/Kg wet	103		110	30-203.7			
Arsenic	107	5.0	mg/Kg wet	107		99.9	81.6-118.4			
Barium	332	5.0	mg/Kg wet	331		100	80.7-119.3			
Beryllium	74.0	0.50	mg/Kg wet	74.1		99.8	81.6-118.9			
Cadmium	234	0.50	mg/Kg wet	244		95.9	82.4-117.6			
Chromium	79.3	1.0	mg/Kg wet	80.6		98.4	78.8-120.7			
Copper	66.5	1.0	mg/Kg wet	65.3		102	83.7-117.1			
Lead	98.7	1.5	mg/Kg wet	107		92.2	79.1-120.3			
Nickel	91.5	1.0	mg/Kg wet	96.8		94.5	81.2-119.2			
Selenium	162	10	mg/Kg wet	177		91.5	78.4-120.9			
Silver	42.5	1.0	mg/Kg wet	46.2		92.1	66.2-133.6			
Thallium	249	5.0	mg/Kg wet	272		91.5	77.6-122.4			
Vanadium	118	2.0	mg/Kg wet	115		103	79.4-120.1			
Zinc	358	2.0	mg/Kg wet	378		94.6	80.5-119.3			
LCS (B023110-BS2)				Prepared: 12/02/10 Analyzed: 12/06/10						
Lead	0.739	0.72	mg/Kg wet	0.716		103	80-120			
LCS Dup (B023110-BSD1)				Prepared: 12/02/10 Analyzed: 12/06/10						
Antimony	118	5.0	mg/Kg wet	103		115	30-203.7	4.46	30	
Arsenic	108	5.0	mg/Kg wet	107		101	81.6-118.4	0.721	30	
Barium	347	5.0	mg/Kg wet	331		105	80.7-119.3	4.32	30	
Beryllium	77.8	0.50	mg/Kg wet	74.1		105	81.6-118.9	5.08	30	
Cadmium	242	0.50	mg/Kg wet	244		99.0	82.4-117.6	3.16	30	
Chromium	81.5	0.99	mg/Kg wet	80.6		101	78.8-120.7	2.69	30	
Copper	68.8	0.99	mg/Kg wet	65.3		105	83.7-117.1	3.41	30	
Lead	104	1.5	mg/Kg wet	107		96.8	79.1-120.3	4.85	30	
Nickel	93.3	0.99	mg/Kg wet	96.8		96.4	81.2-119.2	1.95	30	
Selenium	170	9.9	mg/Kg wet	177		96.1	78.4-120.9	4.95	30	
Silver	43.3	0.99	mg/Kg wet	46.2		93.7	66.2-133.6	1.76	30	
Thallium	260	5.0	mg/Kg wet	272		95.7	77.6-122.4	4.40	30	
Vanadium	123	2.0	mg/Kg wet	115		107	79.4-120.1	3.47	30	
Zinc	369	2.0	mg/Kg wet	378		97.6	80.5-119.3	3.14	30	

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023116 - SW-846 7471										
Blank (B023116-BLK1)				Prepared: 12/02/10 Analyzed: 12/06/10						
Mercury	ND	0.025	mg/Kg wet							
LCS (B023116-BS1)				Prepared: 12/02/10 Analyzed: 12/06/10						
Mercury	1.42	0.032	mg/Kg wet	1.25		113	66-132			
LCS Dup (B023116-BSD1)				Prepared: 12/02/10 Analyzed: 12/06/10						
Mercury	1.53	0.032	mg/Kg wet	1.25		122	66-132	7.50	30	

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023330 - SW846 9014										
Blank (B023330-BLK1)				Prepared & Analyzed: 12/08/10						
Cyanide	ND	0.49	mg/Kg wet							
LCS (B023330-BS1)				Prepared & Analyzed: 12/08/10						
Cyanide	49	0.97	mg/Kg wet	47.1		103	80-120			
LCS Dup (B023330-BSD1)				Prepared & Analyzed: 12/08/10						
Cyanide	44	0.97	mg/Kg wet	47.1		93.6	80-120	9.80	20	

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QUALITY CONTROL

SPLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023222 - SW-846 7470A Prep										
Blank (B023222-BLK1)				Prepared & Analyzed: 12/06/10						
Mercury	ND	0.00010	mg/L							
LCS (B023222-BS1)				Prepared & Analyzed: 12/06/10						
Mercury	0.00237	0.00010	mg/L	0.00250		94.8	80-120			
LCS Dup (B023222-BSD1)				Prepared & Analyzed: 12/06/10						
Mercury	0.00236	0.00010	mg/L	0.00250		94.4	80-120	0.486	20	
Matrix Spike (B023222-MS1)		**Source: 10L0028-02**		Prepared & Analyzed: 12/06/10						
Mercury	0.00234	0.00010	mg/L	0.00250	ND	93.4	75-125			
Batch B023226 - SW-846 3010A										
Blank (B023226-BLK1)				Prepared: 12/06/10 Analyzed: 12/07/10						
Antimony	ND	5.0	µg/L							
Arsenic	ND	2.0	µg/L							
Barium	ND	50	µg/L							
Beryllium	ND	2.0	µg/L							
Cadmium	ND	2.5	µg/L							
Chromium	ND	5.0	µg/L							
Copper	ND	25	µg/L							
Lead	ND	5.0	µg/L							
Nickel	ND	25	µg/L							
Selenium	ND	25	µg/L							
Silver	ND	2.5	µg/L							
Thallium	ND	1.0	µg/L							
Vanadium	ND	25	µg/L							
Zinc	ND	50	µg/L							
LCS (B023226-BS1)				Prepared: 12/06/10 Analyzed: 12/07/10						
Antimony	258	5.0	µg/L	250		103	80-120			
Arsenic	261	2.0	µg/L	250		104	80-120			
Barium	252	50	µg/L	250		101	80-120			
Beryllium	244	2.0	µg/L	250		97.6	80-120			
Cadmium	254	2.5	µg/L	250		102	80-120			
Chromium	261	5.0	µg/L	250		104	80-120			
Copper	249	25	µg/L	250		99.5	80-120			
Lead	251	5.0	µg/L	250		101	80-120			
Nickel	247	25	µg/L	250		98.9	80-120			
Selenium	239	25	µg/L	250		95.6	80-120			
Silver	288	2.5	µg/L	250		115	80-120			
Thallium	245	1.0	µg/L	250		97.9	80-120			
Vanadium	244	25	µg/L	250		97.7	80-120			
Zinc	247	50	µg/L	250		98.8	80-120			

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QUALITY CONTROL

SPLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023226 - SW-846 3010A										
LCS Dup (B023226-BSD1)				Prepared: 12/06/10 Analyzed: 12/07/10						
Antimony	259	5.0	µg/L	250		103	80-120	0.383	20	
Arsenic	268	2.0	µg/L	250		107	80-120	2.57	20	
Barium	253	50	µg/L	250		101	80-120	0.297	20	
Beryllium	243	2.0	µg/L	250		97.1	80-120	0.517	20	
Cadmium	254	2.5	µg/L	250		101	80-120	0.0739	20	
Chromium	257	5.0	µg/L	250		103	80-120	1.51	20	
Copper	248	25	µg/L	250		99.3	80-120	0.214	20	
Lead	251	5.0	µg/L	250		100	80-120	0.0890	20	
Nickel	251	25	µg/L	250		100	80-120	1.40	20	
Selenium	246	25	µg/L	250		98.3	80-120	2.74	20	
Silver	285	2.5	µg/L	250		114	80-120	0.866	20	
Thallium	245	1.0	µg/L	250		98.1	80-120	0.248	20	
Vanadium	245	25	µg/L	250		98.0	80-120	0.314	20	
Zinc	248	50	µg/L	250		99.3	80-120	0.446	20	
Matrix Spike (B023226-MS1)	**Source: 10L0028-02**			Prepared: 12/06/10 Analyzed: 12/07/10						
Antimony	256	5.0	µg/L	250	3.82	101	75-125			
Arsenic	261	2.0	µg/L	250	1.33	104	75-125			
Barium	520	50	µg/L	250	256	106	75-125			
Beryllium	238	2.0	µg/L	250	ND	95.2	75-125			
Cadmium	248	2.5	µg/L	250	0.313	99.0	75-125			
Chromium	252	5.0	µg/L	250	ND	101	75-125			
Copper	246	25	µg/L	250	6.60	95.8	75-125			
Lead	385	5.0	µg/L	250	136	100	75-125			
Nickel	244	25	µg/L	250	2.22	96.7	75-125			
Selenium	234	25	µg/L	250	ND	93.6	75-125			
Silver	276	2.5	µg/L	250	ND	110	75-125			
Thallium	243	1.0	µg/L	250	ND	97.4	75-125			
Vanadium	247	25	µg/L	250	2.64	97.9	75-125			
Zinc	465	50	µg/L	250	225	96.2	75-125			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
E	Reported result is estimated. Value reported over verified calibration range.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
L-07A	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.
O-21	Sample contains two incompletely resolved aroclors. Aroclor with the closest matching pattern is reported. Possibly contains Aroclor 1248 as well. See attached chromatogram.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.
S-07	One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.
V-04	Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the low side.
V-06	Continuing calibration did not meet method specifications and was biased on the high side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the high side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Soil	
CT ETPH	CT
SW-846 6010B in Soil	
Antimony	CT,NH,NY
Arsenic	CT,NH,NY
Barium	CT,NH,NY
Beryllium	CT,NH,NY
Cadmium	CT,NH,NY
Chromium	CT,NH,NY
Copper	CT,NH,NY
Lead	CT,NH,NY,AIHA
Nickel	CT,NH,NY
Selenium	CT,NH,NY
Silver	CT,NH,NY
Thallium	CT,NH,NY
Vanadium	CT,NH,NY
Zinc	CT,NH,NY
SW-846 7471A in Soil	
Mercury	CT,NH,NY
SW-846 8082 in Soil	
Aroclor-1016	CT,NH,NY,NC
Aroclor-1016 [2C]	CT,NH,NY,NC
Aroclor-1221	CT,NH,NY,NC
Aroclor-1221 [2C]	CT,NH,NY,NC
Aroclor-1232	CT,NH,NY,NC
Aroclor-1232 [2C]	CT,NH,NY,NC
Aroclor-1242	CT,NH,NY,NC
Aroclor-1242 [2C]	CT,NH,NY,NC
Aroclor-1248	CT,NH,NY,NC
Aroclor-1248 [2C]	CT,NH,NY,NC
Aroclor-1254	CT,NH,NY,NC
Aroclor-1254 [2C]	CT,NH,NY,NC
Aroclor-1260	CT,NH,NY,NC
Aroclor-1260 [2C]	CT,NH,NY,NC
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260B in Soil	
Acetone	CT,NH,NY,NC
Acrylonitrile	CT,NH,NY,NC
Benzene	CT,NH,NY,NC
Bromobenzene	NH,NY,NC
Bromodichloromethane	CT,NH,NY,NC
Bromoform	CT,NH,NY,NC
Bromomethane	CT,NH,NY,NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Soil	
2-Butanone (MEK)	CT,NH,NY,NC
n-Butylbenzene	CT,NH,NY,NC
sec-Butylbenzene	CT,NH,NY,NC
tert-Butylbenzene	CT,NH,NY,NC
Carbon Disulfide	CT,NH,NY,NC
Carbon Tetrachloride	CT,NH,NY,NC
Chlorobenzene	CT,NH,NY,NC
Chlorodibromomethane	CT,NH,NY,NC
Chloroethane	CT,NH,NY,NC
Chloroform	CT,NH,NY,NC
Chloromethane	CT,NH,NY,NC
2-Chlorotoluene	CT,NH,NY,NC
4-Chlorotoluene	CT,NH,NY,NC
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC
Dibromomethane	NH,NY,NC
1,2-Dichlorobenzene	CT,NH,NY,NC
1,3-Dichlorobenzene	CT,NH,NY,NC
1,4-Dichlorobenzene	CT,NH,NY,NC
trans-1,4-Dichloro-2-butene	NC
Dichlorodifluoromethane (Freon 12)	NY,NC
1,1-Dichloroethane	CT,NH,NY,NC
1,2-Dichloroethane	CT,NH,NY,NC
1,1-Dichloroethylene	CT,NH,NY,NC
cis-1,2-Dichloroethylene	CT,NH,NY,NC
trans-1,2-Dichloroethylene	CT,NH,NY,NC
1,2-Dichloropropane	CT,NH,NY,NC
1,3-Dichloropropane	NH,NY,NC
2,2-Dichloropropane	NH,NY,NC
1,1-Dichloropropene	NH,NY,NC
cis-1,3-Dichloropropene	CT,NH,NY,NC
trans-1,3-Dichloropropene	CT,NH,NY,NC
Ethylbenzene	CT,NH,NY,NC
Hexachlorobutadiene	NH,NY,NC
2-Hexanone (MBK)	CT,NH,NY,NC
Isopropylbenzene (Cumene)	CT,NH,NY,NC
p-Isopropyltoluene (p-Cymene)	NC
Methyl tert-Butyl Ether (MTBE)	NC
Methylene Chloride	CT,NH,NY,NC
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC
Naphthalene	NH,NY,NC
n-Propylbenzene	NC
Styrene	CT,NH,NY,NC
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC
Tetrachloroethylene	CT,NH,NY,NC
Tetrahydrofuran	NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Soil	
Toluene	CT,NH,NY,NC
1,2,3-Trichlorobenzene	NC
1,2,4-Trichlorobenzene	NH,NY,NC
1,1,1-Trichloroethane	CT,NH,NY,NC
1,1,2-Trichloroethane	CT,NH,NY,NC
Trichloroethylene	CT,NH,NY,NC
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC
1,2,3-Trichloropropane	NH,NY,NC
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC
1,2,4-Trimethylbenzene	CT,NH,NY,NC
1,3,5-Trimethylbenzene	CT,NH,NY,NC
Vinyl Chloride	CT,NH,NY,NC
m+p Xylene	CT,NH,NY,NC
o-Xylene	CT,NH,NY,NC
SW-846 8270C in Soil	
Acenaphthene	CT,NY,NH
Acenaphthylene	CT,NY,NH
Aniline	NY,NH
Anthracene	CT,NY,NH
Benzo(a)anthracene	CT,NY,NH
Benzo(a)pyrene	CT,NY,NH
Benzo(b)fluoranthene	CT,NY,NH
Benzo(g,h,i)perylene	CT,NY,NH
Benzo(k)fluoranthene	CT,NY,NH
Bis(2-chloroethoxy)methane	CT,NY,NH
Bis(2-chloroethyl)ether	CT,NY,NH
Bis(2-chloroisopropyl)ether	CT,NY,NH
Bis(2-Ethylhexyl)phthalate	CT,NY,NH
4-Bromophenylphenylether	CT,NY,NH
Butylbenzylphthalate	CT,NY,NH
4-Chloroaniline	CT,NY,NH
4-Chloro-3-methylphenol	CT,NY,NH
2-Chloronaphthalene	CT,NY,NH
2-Chlorophenol	CT,NY,NH
4-Chlorophenylphenylether	CT,NY,NH
Chrysene	CT,NY,NH
Dibenz(a,h)anthracene	CT,NY,NH
Dibenzofuran	CT,NY,NH
Di-n-butylphthalate	CT,NY,NH
1,2-Dichlorobenzene	NY,NH
1,3-Dichlorobenzene	NY,NH
1,4-Dichlorobenzene	NY,NH
3,3-Dichlorobenzidine	CT,NY,NH
2,4-Dichlorophenol	CT,NY,NH
Diethylphthalate	CT,NY,NH
2,4-Dimethylphenol	CT,NY,NH

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270C in Soil	
Dimethylphthalate	CT,NY,NH
4,6-Dinitro-2-methylphenol	CT,NY,NH
2,4-Dinitrophenol	CT,NY,NH
2,4-Dinitrotoluene	CT,NY,NH
2,6-Dinitrotoluene	CT,NY,NH
Di-n-octylphthalate	CT,NY,NH
Fluoranthene	CT,NY,NH
Fluorene	NY,NH
Hexachlorobenzene	CT,NY,NH
Hexachlorobutadiene	CT,NY,NH
Hexachlorocyclopentadiene	CT,NY,NH
Hexachloroethane	CT,NY,NH
Indeno(1,2,3-cd)pyrene	CT,NY,NH
Isophorone	CT,NY,NH
2-Methylnaphthalene	CT,NY,NH
2-Methylphenol	CT,NY,NH
3/4-Methylphenol	CT,NY,NH
Naphthalene	CT,NY,NH
2-Nitroaniline	CT,NY,NH
3-Nitroaniline	CT,NY,NH
4-Nitroaniline	CT,NY,NH
Nitrobenzene	CT,NY,NH
2-Nitrophenol	CT,NY,NH
4-Nitrophenol	CT,NY,NH
N-Nitrosodiphenylamine	CT,NY,NH
N-Nitrosodi-n-propylamine	CT,NY,NH
Pentachlorophenol	CT,NY,NH
Phenanthrene	CT,NY,NH
Phenol	CT,NY,NH
Pyrene	CT,NY,NH
Pyridine	CT,NY,NH
1,2,4-Trichlorobenzene	CT,NY,NH
2,4,5-Trichlorophenol	CT,NY,NH
2,4,6-Trichlorophenol	CT,NY,NH
SW846 9014 in Soil	
Cyanide	NY,CT,NC

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

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2010
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East Longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

10L0028

Company Name: AKRF Inc. | Telephone: 646-388-9882
Address: 700 Main St. Suite C | Project # 91065
Willimantic, CT 06226 | Client PO#
Attention: Glen Stefaniak
Project Location: 6 Ribbon Ave, Naugatuck, CT
Sampled By: Steve Gruns

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ☒ EMAIL ○ WEBSITE
Fax #
Email: gstefaniak@akrf.com
Format: ☒ PDF ☒ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code
-01 *	GDC-TP-05(0-2)	12/1/10	12/1/10 0745		X	S	U
-02	GDC-TP-05(2-4)	12/1/10	12/1/10 0750		X	S	U
-03	GDC-TP-05(8-10)	12/1/10	12/1/10 0810		X	S	U
-04	GDC-TP-11(0-2)	12/1/10	1044		X	S	U
-05 *	GDC-TP-11(2-4)	12/1/10	1050		X	S	U
-06	GDC-TP-11(6-8)	12/1/10	1100		X	S	U
-07 *	GDC-TP-06(0-2)	12/1/10	1312		X	S	U
-08	GDC-TP-06(2-4)	12/1/10	1320		X	S	U
-09	~~GDC~~ TB20101201	12/1/10	1400			O	

Container Code	# of Containe	** Preservati	***Container
M	I	I	I	I	I	I					
V	A	A	A	A	A	A					

ANALYSIS REQUESTED

VOCs	SVOCs	ETPH	Total RCP 15 Metals	SPLP RCP 15 Metals	PCBs	Cyanide						
	X	X	X	X	X	X						
X	X	X	X	X	X	X						
	X	X	X	X	X	X						
X	X	X	X	X	X	X						
	X	X	X	X	X	X						
	X	X	X	X	X	X						
	X	X	X	X	X	X						
	X	X	X	X	X	X						
X												

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments: * Hold Sample(s): GDC-TP-05(0-2), GDC-TP-11(2-4), GDC-TP-06(0-2),
12-01-10 18:14 IN

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
	12/1/10 1403
Received by: (signature)	12/1/10 2:05
Relinquished by: (signature)	12/2/10 4:18
Received by: (signature)	12/1/10 1618

Turnaround ††
☒ 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: CT RSR, RDEC, GBPMC
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
☒ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH THE nelac — NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

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con-test ANALYTICAL LABORATORY

Sample Receipt Checklist

39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

CLIENT NAME: AKRF, Inc. RECEIVED BY: CAB DATE: 12/1/10

1) Was the chain(s) of custody relinquished and signed? (Yes) No

2) Does the chain agree with the samples? (Yes) No
If not, explain:

3) Are all the samples in good condition? (Yes) No
If not, explain:

4) How were the samples received:
On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank 2.5°C Temperature °C by Temp gun _____

5) Are there Dissolved samples for the lab to filter? Yes (No)
Who was notified _____ Date _____ Time _____

6) Are there any samples "On Hold"? (Yes) No Stored where: 19

7) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)
Who was notified _____ Date _____ Time _____

8) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature:

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)	16	2 oz amber/clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below	9	SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
~~Flashpoint bottle~~		~~Other~~	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 3
Bisulfate _____ # DI Water 6
Thiosulfate _____ Unpreserved _____

Time and Date Frozen: 12-01-10 18:14 IN

Do all samples have the proper Acid pH: Yes No (N/A) _____

Do all samples have the proper Base pH: Yes No (N/A) _____

CT ETPH DISCRIMINATION CHECK

Date Acquired	12/3/10
Data File Name	A1203007.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

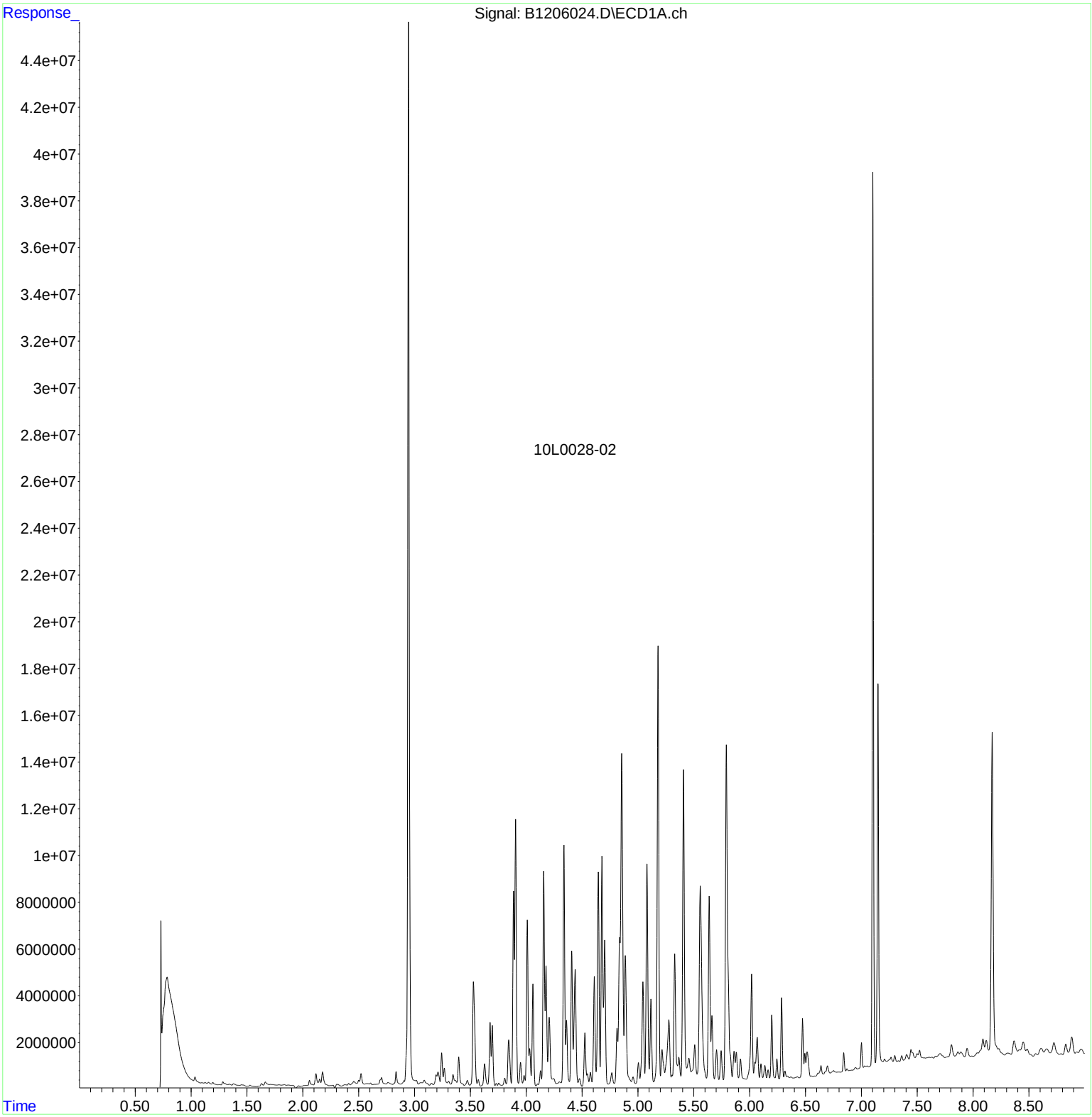
Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.09	276049	282029	-2
c - 10	1.43	282993	282029	0
c - 12	2.15	289657	282029	3
c - 14	2.81	294574	282029	4
c - 16	3.40	297890	282029	6
c - 18	3.97	299187	282029	6
o-Terphenyl	4.24	312470	282029	
c - 20	4.59	294868	282029	5
c - 22	5.10	285053	282029	1
c - 24	5.54	290604	282029	3
c - 26	5.94	286084	282029	1
c - 28	6.30	279617	282029	-1
c - 30	6.63	277025	282029	-2
c - 32	6.94	269295	282029	-5
c - 34	7.23	258884	282029	-8
c - 36	7.51	248648	282029	-12

* One compound allowed %D </= 50%

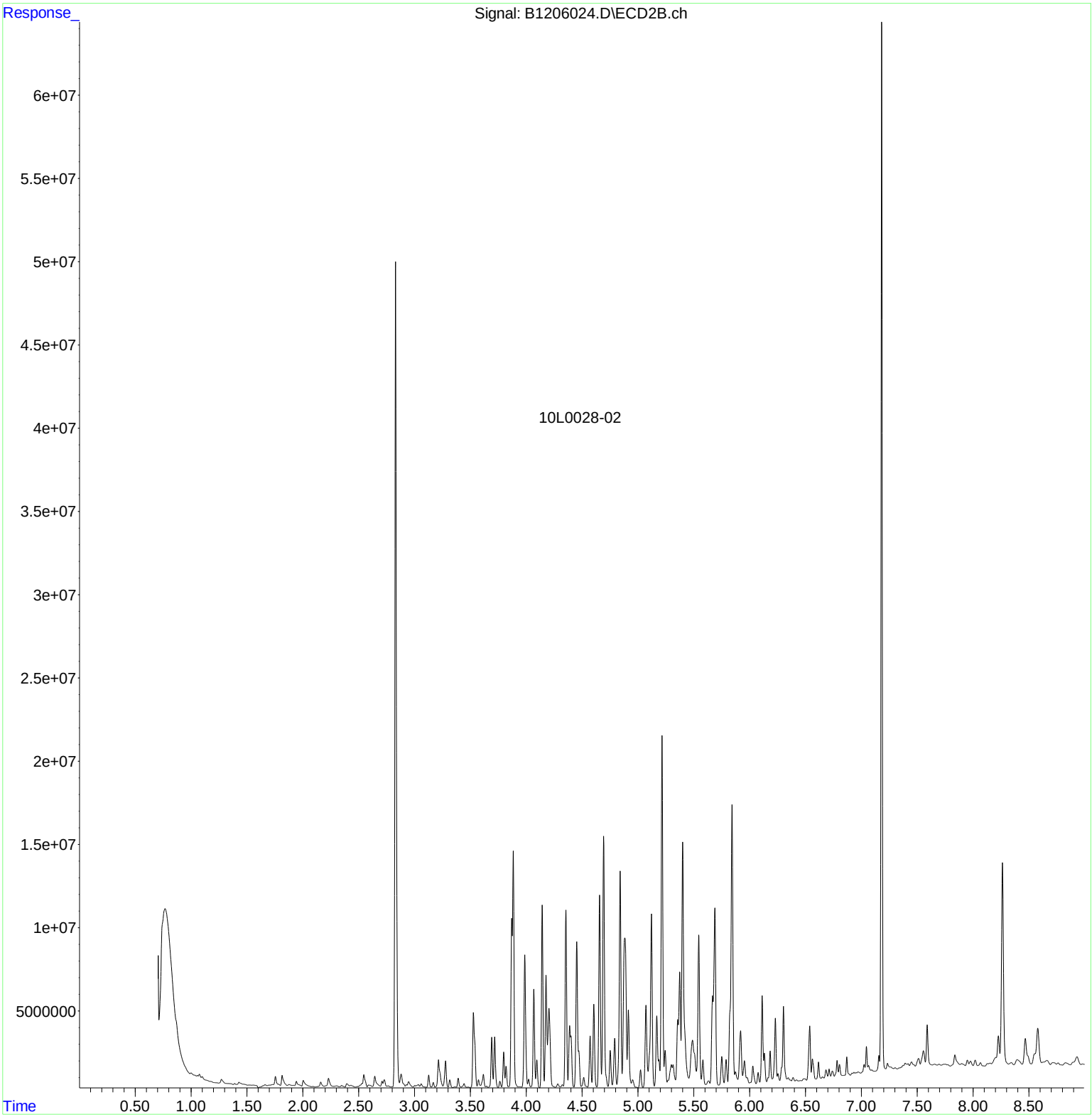
Samples

10K0887-04@100X
10K0887-03@100X
10L0059-01@5X
10L0028-06@10X
10L0028-08@5X

File :C:\msdchem\1\DATA\120610\B1206024.D
Operator : PJG
Acquired : 6 Dec 2010 2:24 pm using AcqMethod PCB01.M
Instrument : ECD 2A
Sample Name: 10L0028-02@X5 TBA
Misc Info :
Vial Number: 24



File :C:\msdchem\1\DATA\120610\B1206024.D
Operator : PJG
Acquired : 6 Dec 2010 2:24 pm using AcqMethod PCB01.M
Instrument : ECD 2A
Sample Name: 10L0028-02@X5 TBA
Misc Info :
Vial Number: 24



CT ETPH DISCRIMINATION CHECK

Date Acquired	12/6/10
Data File Name	A1206076.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.31	349892	381202	-8
c - 10	1.68	361319	381202	-5
c - 12	2.43	375450	381202	-2
c - 14	3.11	387541	381202	2
c - 16	3.72	397165	381202	4
c - 18	4.36	403031	381202	6
o-Terphenyl	4.65	422776	381202	
c - 20	4.96	400666	381202	5
c - 22	5.46	391171	381202	3
c - 24	5.90	401157	381202	5
c - 26	6.29	397120	381202	4
c - 28	6.66	391687	381202	3
c - 30	6.99	384355	381202	1
c - 32	7.31	373243	381202	-2
c - 34	7.61	358453	381202	-6
c - 36	8.00	345774	381202	-9

* One compound allowed %D </= 50%

Samples

10L0028-03
10L0027-02
10L0026-04
10L0026-05
10L0026-06
10L0026-08@20X
10L0027-03@20X
10L0027-04@20X

CT ETPH DISCRIMINATION CHECK

Date Acquired	12/6/10
Data File Name	A1206077.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.09	278405	285387	-2
c - 10	1.43	284710	285387	0
c - 12	2.15	290686	285387	2
c - 14	2.81	295503	285387	4
c - 16	3.40	298886	285387	5
c - 18	3.97	300535	285387	5
o-Terphenyl	4.24	314858	285387	
c - 20	4.58	296989	285387	4
c - 22	5.10	288060	285387	1
c - 24	5.54	294537	285387	3
c - 26	5.94	291155	285387	2
c - 28	6.30	287534	285387	1
c - 30	6.63	282374	285387	-1
c - 32	6.94	274481	285387	-4
c - 34	7.23	263573	285387	-8
c - 36	7.51	253374	285387	-11

* One compound allowed %D </= 50%

Samples

10L0027-05
10L0026-01@20X
10L0026-02@10X
10L0026-03@5X
10L0026-09
10L0026-10
10L0026-11
10L0027-01@40X
10L0028-04@10X
10L0028-02@50X

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: AKRF - WILLIMANTIC, CT

Project Location: 6 Rubber Ave., Naugatuck, CT

Project Number: 10L0028

Laboratory Sample ID(s):

10L0028-02 thru 10L0028-09

Sample Date(s):

12/01/2010

List RCP Methods Used:

CTDEP ETPH, SW-846 1312, SW-846 6010B, SW-846 6020A, SW-846 7470A, SW-846 7471A, SW-846 8082, SW-846 8260B, SW-846 8270C, SW846 9014

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ 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)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

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 Manager

Printed Name: Daren J. Damboragian **Date:** 12/08/10

Name of Laboratory: Con-Test Analytical Laboratory

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

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

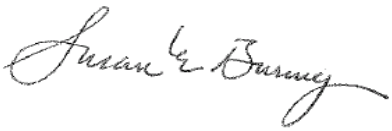
December 9, 2010

Glen Stefaniak
AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226

Project Location: 6 Rubber Ave, Naugatuck, CT
Client Job Number:
Project Number: 91065
Laboratory Work Order Number: 10L0090

Enclosed are results of analyses for samples received by the laboratory on December 2, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Susan M. Burney
Project Manager

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

AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226
ATTN: Glen Stefaniak

REPORT DATE: 12/9/2010

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 91065

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10L0090

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

PROJECT LOCATION: 6 Rubber Ave, Naugatuck, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GDC-TP-08 (4-6)	10L0090-02	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8270C	
				SW846 9014	
GDC-TP-07 (6-8)	10L0090-04	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW846 9014	
GDC-TP-04 (0-2)	10L0090-05	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8270C	
				SW846 9014	
GDC-TP-04 (6-8)	10L0090-07	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8270C	
				SW846 9014	

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

AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226
ATTN: Glen Stefaniak

REPORT DATE: 12/9/2010

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 91065

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10L0090

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

PROJECT LOCATION: 6 Rubber Ave, Naugatuck, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GDC-TP-12 (0-2)	10L0090-08	Soil		SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 7471A	
				SW-846 8270C	
GDC-TP-12 (6-8)	10L0090-09	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8270C	
TB20101202	10L0090-10	Trip Blank Soil		SW-846 8260B	

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

CASE NARRATIVE SUMMARY

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

CTDEP ETPH

Qualifications:

Sample analyte level was such that a dilution had to be made for sample quantitation purposes. Due to the order(s) of magnitude difference between sample and spike level a representative recovery could not be obtained.

Analyte & Samples(s) Qualified:

CT ETPH

10L0090-04[GDC-TP-07 (6-8)], B023193-MS1, B023193-MSD1

SW-846 6010B

Qualifications:

Result is serial dilution as per MA CAM/ CT RCP regulation.

Analyte & Samples(s) Qualified:

B023189-DUP2, B023301-DUP2

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

Analyte & Samples(s) Qualified:

Antimony, Nickel, Selenium

10L0090-04[GDC-TP-07 (6-8)], B023189-MS1, 10L0090-04RE1[GDC-TP-07 (6-8)], B023301-MS1

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

Analyte & Samples(s) Qualified:

Lead

10L0090-04RE1[GDC-TP-07 (6-8)], B023301-MS1

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

Analyte & Samples(s) Qualified:

Barium, Zinc

10L0090-04[GDC-TP-07 (6-8)], B023189-MS1, B023301-MS1

Duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result.

Analyte & Samples(s) Qualified:

Nickel

10L0090-04RE1[GDC-TP-07 (6-8)], B023301-DUP1

SW-846 7471A

Qualifications:

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

Analyte & Samples(s) Qualified:

Mercury

10L0090-07[GDC-TP-04 (6-8)], B023322-MS1

SW-846 8082

Qualifications:

Matrix spike and spike duplicate recovery bias high due to contribution of other Aroclors present in source sample.

Analyte & Samples(s) Qualified:

Aroclor-1016, Aroclor-1016 [2C]

B023203-MS1, B023203-MSD1

SW-846 8260B

Qualifications:

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

Analyte & Samples(s) Qualified:

Hexachlorobutadiene

10L0090-04[GDC-TP-07 (6-8)], B023327-MS1, B023327-MSD1

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

Analyte & Samples(s) Qualified:

Naphthalene

B023327-MS1

Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane (DBCP), trans-1,4-Dichloro-2-butene

B023327-MS1, B023327-MSD1

Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

Analyte & Samples(s) Qualified:

Naphthalene

10L0090-04[GDC-TP-07 (6-8)], B023327-MSD1

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

Analyte & Samples(s) Qualified:

2-Butanone (MEK), Acetone, Acrylonitrile, Tetrahydrofuran

10L0090-04[GDC-TP-07 (6-8)], 10L0090-10[TB20101202], B023144-BLK1, B023144-BS1, B023327-BLK1, B023327-BS1, B023327-MS1, B023327-MSD1

SW-846 8270C

Qualifications:

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

Analyte & Samples(s) Qualified:

Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Chrysene, Fluoranthene, Phenanthrene, Pyrene

10L0090-05[GDC-TP-04 (0-2)], 10L0090-07[GDC-TP-04 (6-8)], 10L0090-04[GDC-TP-07 (6-8)]

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

Analyte & Samples(s) Qualified:

4-Chloroaniline

10L0090-02[GDC-TP-08 (4-6)], 10L0090-04[GDC-TP-07 (6-8)], 10L0090-04RE1[GDC-TP-07 (6-8)], 10L0090-05[GDC-TP-04 (0-2)], 10L0090-05RE1[GDC-TP-04 (0-2)], 10L0090-07[GDC-TP-04 (6-8)], 10L0090-07RE1[GDC-TP-04 (6-8)], 10L0090-08[GDC-TP-12 (0-2)], 10L0090-09[GDC-TP-12 (6-8)], B023195-BLK1, B023195-BS1, B023195-BSD1, B023212-BLK1, B023212-BS1, B023212-BSD1

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

Analyte & Samples(s) Qualified:

Bis(2-chloroisopropyl)ether

B023195-BSD1, B023212-BS1

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

Analyte & Samples(s) Qualified:

2-Methylphenol, 3/4-Methylphenol, 3-Nitroaniline

10L0090-07[GDC-TP-04 (6-8)], 10L0090-07RE1[GDC-TP-04 (6-8)], B023212-BLK1, B023212-BS1, B023212-BSD1

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

Analyte & Samples(s) Qualified:

2,4,6-Tribromophenol, 2-Fluorobiphenyl, 2-Fluorophenol, Nitrobenzene-d5, Phenol-d6, Terphenyl-d14

10L0090-04RE1[GDC-TP-07 (6-8)]

One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.

Analyte & Samples(s) Qualified:

2,4,6-Tribromophenol

10L0090-04[GDC-TP-07 (6-8)], B023212-BLK1

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

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol, Bis(2-chloroisopropyl)ether

10L0090-02[GDC-TP-08 (4-6)], 10L0090-04[GDC-TP-07 (6-8)], 10L0090-04RE1[GDC-TP-07 (6-8)], 10L0090-05[GDC-TP-04 (0-2)], 10L0090-05RE1[GDC-TP-04 (0-2)], 10L0090-07[GDC-TP-04 (6-8)], 10L0090-07RE1[GDC-TP-04 (6-8)], 10L0090-08[GDC-TP-12 (0-2)], 10L0090-09[GDC-TP-12 (6-8)], B023195-BLK1, B023195-BS1, B023195-BSD1, B023212-BLK1, B023212-BS1, B023212-BSD1

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

Analyte & Samples(s) Qualified:

Bis(2-chloroisopropyl)ether

10L0090-02[GDC-TP-08 (4-6)], 10L0090-05[GDC-TP-04 (0-2)], 10L0090-07[GDC-TP-04 (6-8)], 10L0090-07RE1[GDC-TP-04 (6-8)], 10L0090-08[GDC-TP-12 (0-2)], 10L0090-09[GDC-TP-12 (6-8)]

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

Analyte & Samples(s) Qualified:

Dibenz(a,h)anthracene, Indeno(1,2,3-cd)pyrene

10L0090-02[GDC-TP-08 (4-6)], 10L0090-05[GDC-TP-04 (0-2)], 10L0090-07[GDC-TP-04 (6-8)], 10L0090-07RE1[GDC-TP-04 (6-8)], 10L0090-08[GDC-TP-12 (0-2)], 10L0090-09[GDC-TP-12 (6-8)], 10L0090-04[GDC-TP-07 (6-8)]

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

Analyte & Samples(s) Qualified:

Pentachloronitrobenzene

10L0090-02[GDC-TP-08 (4-6)], 10L0090-04[GDC-TP-07 (6-8)], 10L0090-04RE1[GDC-TP-07 (6-8)], 10L0090-05[GDC-TP-04 (0-2)], 10L0090-05RE1[GDC-TP-04 (0-2)], 10L0090-07[GDC-TP-04 (6-8)], 10L0090-07RE1[GDC-TP-04 (6-8)], 10L0090-08[GDC-TP-12 (0-2)], 10L0090-09[GDC-TP-12 (6-8)], B023195-BLK1, B023195-BS1, B023195-BSD1, B023212-BLK1, B023212-BS1, B023212-BSD1

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SW-846 8260B

The LCS recoveries for required CT reasonable confidence protocol (RCP) 8260 compounds were all within limits specified by the method except for “difficult analytes” where control limits somewhere between 40-160% are used and/or unless otherwise listed in this narrative: Difficult analytes: MIBK, MEK, Tert-butyl Alcohol, Acetone, 1,4-Dioxane, Vinyl Chloride, Chloromethane, Dichlorodifluoromethane, 2-Hexanone, Naphthalene, Bromomethane, Methylene Chloride, and tert-butylbenzene.

SW-846 8270C

The LCS sample recoveries for required RCP 8270 compounds were all within control limits specified by the method, 40-140% for base/neutrals and 30-130% for acids except for “difficult analytes” listed below and/or otherwise listed in this narrative: Difficult analytes for soil - limits between 10 and 180% depending on the compound (see QC summary for limits): 3,3’-Dichlorobenzidine, Pyridine, Aniline, 4-Chloroaniline, 3-Nitroaniline, and n-Nitrosodiphenylamine.

All reporting limits specified on the chain-of-custody were met, except for Pyridine, 1,2,4,5-Tetrachlorobenzene and Pentachloronitrobenzene for the most protective criteria since the laboratory cannot achieve the required RCP calibration criteria at these levels unless otherwise listed in this narrative.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Daren J. Damboragian
Laboratory Manager

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

Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-08 (4-6) | Sampled: 12/2/2010 09:15

Sample ID: 10L0090-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Aniline	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Anthracene	0.34	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Benzo(a)anthracene	1.6	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Benzo(a)pyrene	1.7	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Benzo(b)fluoranthene	2.4	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Benzo(g,h,i)perylene	1.1	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Benzo(k)fluoranthene	0.85	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1	V-04, V-05	SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Bis(2-Ethylhexyl)phthalate	2.3	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Butylbenzylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Carbazole	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
4-Chloroaniline	ND	0.72	mg/Kg dry	1	L-04	SW-846 8270C	12/3/10	12/7/10 16:20	BGL
4-Chloro-3-methylphenol	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
4-Chlorophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Chrysene	1.5	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Dibenz(a,h)anthracene	0.31	0.19	mg/Kg dry	1	V-06	SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Di-n-butylphthalate	1.6	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Dimethylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
4,6-Dinitro-2-methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
2,4-Dinitrophenol	ND	0.72	mg/Kg dry	1	V-04	SW-846 8270C	12/3/10	12/7/10 16:20	BGL
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Di-n-octylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Fluoranthene	3.2	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Hexachlorocyclopentadiene	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Indeno(1,2,3-cd)pyrene	1.3	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-08 (4-6) | Sampled: 12/2/2010 09:15

Sample ID: 10L0090-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
2-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
3-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
4-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
4-Nitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
N-Nitrosodiphenylamine	1.6	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
N-Nitrosodi-n-propylamine	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Pentachloronitrobenzene	ND	0.37	mg/Kg dry	1	V-16	SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Pentachlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Phenanthrene	1.2	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Pyrene	2.2	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
Pyridine	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 16:20	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	85.8	30-130		12/7/10 16:20
Phenol-d6	101	30-130		12/7/10 16:20
Nitrobenzene-d5	68.0	30-130		12/7/10 16:20
2-Fluorobiphenyl	96.1	30-130		12/7/10 16:20
2,4,6-Tribromophenol	62.6	30-130		12/7/10 16:20
Terphenyl-d14	72.6	30-130		12/7/10 16:20

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-08 (4-6) | Sampled: 12/2/2010 09:15

Sample ID: 10L0090-02

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 0:05	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 0:05	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 0:05	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 0:05	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 0:05	PJG
Aroclor-1254 [2]	0.58	0.11	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 0:05	PJG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 0:05	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 0:05	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 0:05	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	96.0	30-150		12/7/10 0:05
Decachlorobiphenyl [2]	144	30-150		12/7/10 0:05
Tetrachloro-m-xylene [1]	101	30-150		12/7/10 0:05
Tetrachloro-m-xylene [2]	106	30-150		12/7/10 0:05

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-08 (4-6) | Sampled: 12/2/2010 09:15

Sample ID: 10L0090-02

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	310	110	mg/Kg dry	10		CTDEP ETPH	12/6/10	12/7/10 4:16	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	70.7	50-150				12/7/10 4:16	

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Project Location: 6 Rubber Ave, Naugatuck, CT Sample Description: Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-08 (4-6) Sampled: 12/2/2010 09:15

Sample ID: 10L0090-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	2.6	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 16:57	OP
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 16:57	OP
Barium	270	2.6	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 16:57	OP
Beryllium	ND	0.26	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 16:57	OP
Cadmium	1.9	0.26	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 16:57	OP
Chromium	16	0.53	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 16:57	OP
Copper	42	0.53	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 16:57	OP
Lead	88	0.79	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 16:57	OP
Mercury	0.14	0.013	mg/Kg dry	1		SW-846 7471A	12/6/10	12/7/10 13:54	CWB
Nickel	11	0.53	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 16:57	OP
Selenium	ND	5.3	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 16:57	OP
Silver	ND	0.53	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 16:57	OP
Thallium	ND	2.6	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 16:57	OP
Vanadium	21	1.1	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 16:57	OP
Zinc	390	1.1	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 16:57	OP

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-08 (4-6) | Sampled: 12/2/2010 09:15

Sample ID: 10L0090-02

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.38	mg/Kg dry	1		SW846 9014	12/8/10	12/8/10 13:45	VAK
% Solids	91.1		% Wt	1		SM 2540G	12/6/10	12/7/10 9:13	VAF

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-08 (4-6) | Sampled: 12/2/2010 09:15

Sample ID: 10L0090-02

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:02	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:02	KSH
Barium	70	50	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:02	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:02	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:02	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:02	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:02	KSH
Lead	13	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:02	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/7/10	12/7/10 15:22	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:02	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:02	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:02	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:02	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:02	KSH
Zinc	75	50	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:02	KSH

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-07 (6-8) | Sampled: 12/2/2010 10:48

Sample ID: 10L0090-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260B	12/7/10	12/7/10 8:19	MFF
Acrylonitrile	ND	0.0067	mg/Kg dry	1	V-16	SW-846 8260B	12/7/10	12/7/10 8:19	MFF
Benzene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
Bromobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
Bromodichloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
Bromoform	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
2-Butanone (MEK)	ND	0.045	mg/Kg dry	1	V-16	SW-846 8260B	12/7/10	12/7/10 8:19	MFF
n-Butylbenzene	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
sec-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
tert-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
Carbon Disulfide	ND	0.0067	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
Carbon Tetrachloride	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
Chlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
Chlorodibromomethane	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
Chloroethane	ND	0.022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
Chloroform	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
2-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
4-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
Dibromomethane	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
1,2-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
1,3-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
1,4-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
trans-1,4-Dichloro-2-butene	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
1,1-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
1,2-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
1,1-Dichloroethylene	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
cis-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
trans-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
1,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
2,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
1,1-Dichloropropene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
cis-1,3-Dichloropropene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
trans-1,3-Dichloropropene	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
Ethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
Hexachlorobutadiene	ND	0.0022	mg/Kg dry	1	MS-07A	SW-846 8260B	12/7/10	12/7/10 8:19	MFF
2-Hexanone (MBK)	ND	0.022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
Isopropylbenzene (Cumene)	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-07 (6-8) | Sampled: 12/2/2010 10:48

Sample ID: 10L0090-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
Methylene Chloride	ND	0.022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
Naphthalene	0.0062	0.0045	mg/Kg dry	1	R-06	SW-846 8260B	12/7/10	12/7/10 8:19	MFF
n-Propylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
Styrene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
Tetrachloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1	V-16	SW-846 8260B	12/7/10	12/7/10 8:19	MFF
Toluene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
1,2,3-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
1,2,4-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
1,1,1-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
1,1,2-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
Trichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
1,2,3-Trichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
1,2,4-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
1,3,5-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
m+p Xylene	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF
o-Xylene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 8:19	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	99.2	70-130		12/7/10 8:19
Toluene-d8	96.9	70-130		12/7/10 8:19
4-Bromofluorobenzene	95.8	70-130		12/7/10 8:19

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-07 (6-8) | Sampled: 12/2/2010 10:48

Sample ID: 10L0090-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	9.9	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Acenaphthene	4.7	2.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Acenaphthylene	ND	9.9	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Acenaphthylene	ND	2.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Aniline	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Aniline	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Anthracene	13	9.9	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Anthracene	16	2.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Benzo(a)anthracene	29	9.9	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Benzo(a)anthracene	37	2.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Benzo(a)pyrene	25	9.9	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Benzo(a)pyrene	32	2.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Benzo(b)fluoranthene	36	2.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Benzo(b)fluoranthene	27	9.9	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Benzo(g,h,i)perylene	17	9.9	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Benzo(g,h,i)perylene	17	2.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Benzo(k)fluoranthene	11	9.9	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Benzo(k)fluoranthene	13	2.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Bis(2-chloroethoxy)methane	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Bis(2-chloroethoxy)methane	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Bis(2-chloroethyl)ether	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Bis(2-chloroethyl)ether	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Bis(2-chloroisopropyl)ether	ND	20	mg/Kg dry	25	V-04	SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Bis(2-chloroisopropyl)ether	ND	4.0	mg/Kg dry	5	V-04	SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Bis(2-Ethylhexyl)phthalate	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Bis(2-Ethylhexyl)phthalate	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
4-Bromophenylphenylether	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
4-Bromophenylphenylether	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Butylbenzylphthalate	ND	39	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Butylbenzylphthalate	ND	7.7	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Carbazole	ND	9.9	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Carbazole	2.2	2.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
4-Chloroaniline	ND	39	mg/Kg dry	25	L-04	SW-846 8270C	12/3/10	12/8/10 14:25	BGL
4-Chloroaniline	ND	7.7	mg/Kg dry	5	L-04	SW-846 8270C	12/3/10	12/8/10 13:54	BGL
4-Chloro-3-methylphenol	ND	39	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
4-Chloro-3-methylphenol	ND	7.7	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
2-Chloronaphthalene	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
2-Chloronaphthalene	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
2-Chlorophenol	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
2-Chlorophenol	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
4-Chlorophenylphenylether	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
4-Chlorophenylphenylether	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Chrysene	26	9.9	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-07 (6-8) | Sampled: 12/2/2010 10:48

Sample ID: 10L0090-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Chrysene	34	2.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Dibenz(a,h)anthracene	ND	9.9	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Dibenz(a,h)anthracene	6.0	2.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Dibenzofuran	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Dibenzofuran	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Di-n-butylphthalate	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Di-n-butylphthalate	5.9	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
3,3-Dichlorobenzidine	ND	9.9	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
3,3-Dichlorobenzidine	ND	2.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
2,4-Dichlorophenol	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
2,4-Dichlorophenol	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Diethylphthalate	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Diethylphthalate	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
2,4-Dimethylphenol	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
2,4-Dimethylphenol	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Dimethylphthalate	ND	39	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Dimethylphthalate	ND	7.7	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
4,6-Dinitro-2-methylphenol	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
4,6-Dinitro-2-methylphenol	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
2,4-Dinitrophenol	ND	39	mg/Kg dry	25	V-04	SW-846 8270C	12/3/10	12/8/10 14:25	BGL
2,4-Dinitrophenol	ND	7.7	mg/Kg dry	5	V-04	SW-846 8270C	12/3/10	12/8/10 13:54	BGL
2,4-Dinitrotoluene	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
2,4-Dinitrotoluene	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
2,6-Dinitrotoluene	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
2,6-Dinitrotoluene	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Di-n-octylphthalate	ND	39	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Di-n-octylphthalate	ND	7.7	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Fluoranthene	50	9.9	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Fluoranthene	66	2.0	mg/Kg dry	5	E	SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Fluorene	ND	9.9	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Fluorene	6.6	2.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Hexachlorobenzene	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Hexachlorobenzene	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Hexachlorobutadiene	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Hexachlorobutadiene	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Hexachlorocyclopentadiene	ND	39	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Hexachlorocyclopentadiene	ND	7.7	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Hexachloroethane	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Hexachloroethane	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Indeno(1,2,3-cd)pyrene	23	9.9	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Indeno(1,2,3-cd)pyrene	23	2.0	mg/Kg dry	5	V-06	SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Isophorone	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Isophorone	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL

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

Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-07 (6-8) | Sampled: 12/2/2010 10:48

Sample ID: 10L0090-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	9.9	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
2-Methylnaphthalene	ND	2.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
2-Methylphenol	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
2-Methylphenol	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
3/4-Methylphenol	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
3/4-Methylphenol	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Naphthalene	ND	9.9	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Naphthalene	ND	2.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
2-Nitroaniline	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
2-Nitroaniline	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
3-Nitroaniline	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
3-Nitroaniline	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
4-Nitroaniline	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
4-Nitroaniline	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Nitrobenzene	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Nitrobenzene	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
2-Nitrophenol	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
2-Nitrophenol	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
4-Nitrophenol	ND	39	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
4-Nitrophenol	ND	7.7	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
N-Nitrosodiphenylamine	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
N-Nitrosodiphenylamine	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
N-Nitrosodi-n-propylamine	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
N-Nitrosodi-n-propylamine	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Pentachloronitrobenzene	ND	20	mg/Kg dry	25	V-16	SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Pentachloronitrobenzene	ND	4.0	mg/Kg dry	5	V-16	SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Pentachlorophenol	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Pentachlorophenol	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Phenanthrene	39	9.9	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Phenanthrene	48	2.0	mg/Kg dry	5	E	SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Phenol	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Phenol	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Pyrene	51	9.9	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Pyrene	57	2.0	mg/Kg dry	5	E	SW-846 8270C	12/3/10	12/8/10 13:54	BGL
Pyridine	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
Pyridine	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
1,2,4,5-Tetrachlorobenzene	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
1,2,4,5-Tetrachlorobenzene	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
1,2,4-Trichlorobenzene	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
1,2,4-Trichlorobenzene	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
2,4,5-Trichlorophenol	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL
2,4,5-Trichlorophenol	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL
2,4,6-Trichlorophenol	ND	20	mg/Kg dry	25		SW-846 8270C	12/3/10	12/8/10 14:25	BGL

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

Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-07 (6-8) | Sampled: 12/2/2010 10:48

Sample ID: 10L0090-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4,6-Trichlorophenol	ND	4.0	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 13:54	BGL

Surrogates	% Recovery		Recovery Limits	Flag	
2-Fluorophenol		*	30-130	S-01	12/8/10 14:25
2-Fluorophenol	66.4		30-130		12/8/10 13:54
Phenol-d6		*	30-130	S-01	12/8/10 14:25
Phenol-d6	68.1		30-130		12/8/10 13:54
Nitrobenzene-d5		*	30-130	S-01	12/8/10 14:25
Nitrobenzene-d5	63.4		30-130		12/8/10 13:54
2-Fluorobiphenyl		*	30-130	S-01	12/8/10 14:25
2-Fluorobiphenyl	70.6		30-130		12/8/10 13:54
2,4,6-Tribromophenol		*	30-130	S-01	12/8/10 14:25
2,4,6-Tribromophenol	**11.2**	*	30-130	S-07	12/8/10 13:54
Terphenyl-d14		*	30-130	S-01	12/8/10 14:25
Terphenyl-d14	79.2		30-130		12/8/10 13:54

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Date Received: 12/2/2010

Field Sample #: GDC-TP-07 (6-8) | Sampled: 12/2/2010 10:48

Sample ID: 10L0090-04

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 10:58	PJG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 10:58	PJG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 10:58	PJG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 10:58	PJG
Aroclor-1248 [1]	0.55	0.12	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 10:58	PJG
Aroclor-1254 [2]	0.58	0.12	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 10:58	PJG
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 10:58	PJG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 10:58	PJG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 10:58	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	79.4	30-150		12/7/10 10:58
Decachlorobiphenyl [2]	142	30-150		12/7/10 10:58
Tetrachloro-m-xylene [1]	72.7	30-150		12/7/10 10:58
Tetrachloro-m-xylene [2]	80.5	30-150		12/7/10 10:58

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-07 (6-8) | Sampled: 12/2/2010 10:48

Sample ID: 10L0090-04

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	1200	470	mg/Kg dry	20	MS-02	CTDEP ETPH	12/3/10	12/6/10 17:47	CJM

Surrogates	% Recovery	Recovery Limits	Flag	
o-Terphenyl	77.2	50-150		12/6/10 17:47

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Project Location: 6 Rubber Ave, Naugatuck, CT Sample Description: Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-07 (6-8) Sampled: 12/2/2010 10:48

Sample ID: 10L0090-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	2.8	mg/Kg dry	1	MS-07	SW-846 6010B	12/3/10	12/7/10 12:28	OP
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 12:28	OP
Barium	350	2.8	mg/Kg dry	1	MS-19	SW-846 6010B	12/3/10	12/7/10 12:28	OP
Beryllium	ND	0.28	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 12:28	OP
Cadmium	1.3	0.29	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 14:28	OP
Chromium	29	0.57	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 12:28	OP
Copper	54	0.59	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 14:28	OP
Lead	90	0.88	mg/Kg dry	1	MS-12	SW-846 6010B	12/7/10	12/8/10 14:28	OP
Mercury	0.12	0.016	mg/Kg dry	1		SW-846 7471A	12/6/10	12/7/10 13:58	CWB
Nickel	24	0.59	mg/Kg dry	1	MS-07, R-01	SW-846 6010B	12/7/10	12/8/10 14:28	OP
Selenium	ND	5.7	mg/Kg dry	1	MS-07	SW-846 6010B	12/3/10	12/7/10 12:28	OP
Silver	ND	0.57	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 12:28	OP
Thallium	ND	2.8	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 12:28	OP
Vanadium	31	1.1	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 12:28	OP
Zinc	540	1.2	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 14:28	OP

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-07 (6-8) | Sampled: 12/2/2010 10:48

Sample ID: 10L0090-04

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	0.79	0.58	mg/Kg dry	1		SW846 9014	12/8/10	12/8/10 13:45	VAK
% Solids	85.6		% Wt	1		SM 2540G	12/6/10	12/7/10 9:13	VAF

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-07 (6-8) | Sampled: 12/2/2010 10:48

Sample ID: 10L0090-04

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:05	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:05	KSH
Barium	ND	50	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:05	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:05	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:05	KSH
Chromium	19	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:05	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:05	KSH
Lead	ND	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:05	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/7/10	12/7/10 15:23	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:05	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:05	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:05	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:05	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:05	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:05	KSH

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

Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-04 (0-2) | Sampled: 12/2/2010 13:00

Sample ID: 10L0090-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	2.3	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Acenaphthene	ND	0.45	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Acenaphthylene	ND	2.3	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Acenaphthylene	0.51	0.45	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Aniline	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Aniline	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Anthracene	2.4	2.3	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Anthracene	2.3	0.45	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Benzo(a)anthracene	12	2.3	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Benzo(a)anthracene	11	0.45	mg/Kg dry	1	E	SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Benzo(a)pyrene	11	2.3	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Benzo(a)pyrene	11	0.45	mg/Kg dry	1	E	SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Benzo(b)fluoranthene	13	2.3	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Benzo(b)fluoranthene	15	0.45	mg/Kg dry	1	E	SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Benzo(g,h,i)perylene	7.6	2.3	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Benzo(g,h,i)perylene	7.8	0.45	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Benzo(k)fluoranthene	4.9	2.3	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Benzo(k)fluoranthene	5.4	0.45	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Bis(2-chloroethoxy)methane	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Bis(2-chloroethoxy)methane	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Bis(2-chloroethyl)ether	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Bis(2-chloroethyl)ether	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Bis(2-chloroisopropyl)ether	ND	4.5	mg/Kg dry	5	V-04	SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Bis(2-chloroisopropyl)ether	ND	0.91	mg/Kg dry	1	V-04, V-05	SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Bis(2-Ethylhexyl)phthalate	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
4-Bromophenylphenylether	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
4-Bromophenylphenylether	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Butylbenzylphthalate	ND	8.8	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Butylbenzylphthalate	ND	1.8	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Carbazole	ND	2.3	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Carbazole	0.69	0.45	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
4-Chloroaniline	ND	8.8	mg/Kg dry	5	L-04	SW-846 8270C	12/3/10	12/8/10 14:56	BGL
4-Chloroaniline	ND	1.8	mg/Kg dry	1	L-04	SW-846 8270C	12/3/10	12/7/10 17:21	BGL
4-Chloro-3-methylphenol	ND	8.8	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
4-Chloro-3-methylphenol	ND	1.8	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
2-Chloronaphthalene	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
2-Chloronaphthalene	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
2-Chlorophenol	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
2-Chlorophenol	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
4-Chlorophenylphenylether	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
4-Chlorophenylphenylether	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Chrysene	13	2.3	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL

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

Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-04 (0-2) | Sampled: 12/2/2010 13:00

Sample ID: 10L0090-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Chrysene	11	0.45	mg/Kg dry	1	E	SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Dibenz(a,h)anthracene	2.3	2.3	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Dibenz(a,h)anthracene	2.0	0.45	mg/Kg dry	1	V-06	SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Dibenzofuran	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Dibenzofuran	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Di-n-butylphthalate	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Di-n-butylphthalate	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
3,3-Dichlorobenzidine	ND	2.3	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
3,3-Dichlorobenzidine	ND	0.45	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
2,4-Dichlorophenol	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
2,4-Dichlorophenol	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Diethylphthalate	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Diethylphthalate	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
2,4-Dimethylphenol	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
2,4-Dimethylphenol	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Dimethylphthalate	ND	8.8	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Dimethylphthalate	ND	1.8	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
4,6-Dinitro-2-methylphenol	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
4,6-Dinitro-2-methylphenol	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
2,4-Dinitrophenol	ND	1.8	mg/Kg dry	1	V-04	SW-846 8270C	12/3/10	12/7/10 17:21	BGL
2,4-Dinitrophenol	ND	8.8	mg/Kg dry	5	V-04	SW-846 8270C	12/3/10	12/8/10 14:56	BGL
2,4-Dinitrotoluene	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
2,4-Dinitrotoluene	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
2,6-Dinitrotoluene	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
2,6-Dinitrotoluene	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Di-n-octylphthalate	ND	8.8	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Di-n-octylphthalate	ND	1.8	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Fluoranthene	25	2.3	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Fluoranthene	28	0.45	mg/Kg dry	1	E	SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Fluorene	ND	2.3	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Fluorene	0.51	0.45	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Hexachlorobenzene	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Hexachlorobenzene	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Hexachlorobutadiene	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Hexachlorobutadiene	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Hexachlorocyclopentadiene	ND	8.8	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Hexachlorocyclopentadiene	ND	1.8	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Hexachloroethane	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Hexachloroethane	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Indeno(1,2,3-cd)pyrene	10	2.3	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Indeno(1,2,3-cd)pyrene	9.7	0.45	mg/Kg dry	1	V-06	SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Isophorone	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Isophorone	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-04 (0-2) | Sampled: 12/2/2010 13:00

Sample ID: 10L0090-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	2.3	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
2-Methylnaphthalene	ND	0.45	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
2-Methylphenol	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
2-Methylphenol	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
3/4-Methylphenol	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
3/4-Methylphenol	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Naphthalene	ND	2.3	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Naphthalene	ND	0.45	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
2-Nitroaniline	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
2-Nitroaniline	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
3-Nitroaniline	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
3-Nitroaniline	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
4-Nitroaniline	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
4-Nitroaniline	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Nitrobenzene	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Nitrobenzene	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
2-Nitrophenol	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
2-Nitrophenol	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
4-Nitrophenol	ND	8.8	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
4-Nitrophenol	ND	1.8	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
N-Nitrosodiphenylamine	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
N-Nitrosodiphenylamine	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
N-Nitrosodi-n-propylamine	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
N-Nitrosodi-n-propylamine	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Pentachloronitrobenzene	ND	4.5	mg/Kg dry	5	V-16	SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Pentachloronitrobenzene	ND	0.91	mg/Kg dry	1	V-16	SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Pentachlorophenol	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Pentachlorophenol	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Phenanthrene	13	0.45	mg/Kg dry	1	E	SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Phenanthrene	14	2.3	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Phenol	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Phenol	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Pyrene	22	0.45	mg/Kg dry	1	E	SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Pyrene	26	2.3	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
Pyridine	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
Pyridine	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
1,2,4,5-Tetrachlorobenzene	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
1,2,4-Trichlorobenzene	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
1,2,4-Trichlorobenzene	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
2,4,5-Trichlorophenol	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL
2,4,5-Trichlorophenol	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL
2,4,6-Trichlorophenol	ND	4.5	mg/Kg dry	5		SW-846 8270C	12/3/10	12/8/10 14:56	BGL

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

Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-04 (0-2) | Sampled: 12/2/2010 13:00

Sample ID: 10L0090-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4,6-Trichlorophenol	ND	0.91	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 17:21	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	62.0	30-130		12/8/10 14:56
2-Fluorophenol	63.5	30-130		12/7/10 17:21
Phenol-d6	70.8	30-130		12/7/10 17:21
Phenol-d6	58.6	30-130		12/8/10 14:56
Nitrobenzene-d5	51.6	30-130		12/8/10 14:56
Nitrobenzene-d5	51.6	30-130		12/7/10 17:21
2-Fluorobiphenyl	65.6	30-130		12/8/10 14:56
2-Fluorobiphenyl	68.9	30-130		12/7/10 17:21
2,4,6-Tribromophenol	69.6	30-130		12/8/10 14:56
2,4,6-Tribromophenol	63.0	30-130		12/7/10 17:21
Terphenyl-d14	62.6	30-130		12/7/10 17:21
Terphenyl-d14	72.2	30-130		12/8/10 14:56

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-04 (0-2) | Sampled: 12/2/2010 13:00

Sample ID: 10L0090-05

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 0:32	PJG
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 0:32	PJG
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 0:32	PJG
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 0:32	PJG
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 0:32	PJG
Aroclor-1254 [1]	0.98	0.13	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 0:32	PJG
Aroclor-1260 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 0:32	PJG
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 0:32	PJG
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 0:32	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	78.9	30-150		12/7/10 0:32
Decachlorobiphenyl [2]	100	30-150		12/7/10 0:32
Tetrachloro-m-xylene [1]	84.8	30-150		12/7/10 0:32
Tetrachloro-m-xylene [2]	90.3	30-150		12/7/10 0:32

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

Project Location: 6 Rubber Ave, Naugatuck, CT Sample Description: Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-04 (0-2) Sampled: 12/2/2010 13:00

Sample ID: 10L0090-05

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	820	270	mg/Kg dry	10		CTDEP ETPH	12/6/10	12/7/10 4:34	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	63.8	50-150				12/7/10 4:34	

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Project Location: 6 Rubber Ave, Naugatuck, CT Sample Description: Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-04 (0-2) Sampled: 12/2/2010 13:00

Sample ID: 10L0090-05

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	3.4	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:01	OP
Arsenic	ND	3.4	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:01	OP
Barium	1400	3.4	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:01	OP
Beryllium	ND	0.34	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:01	OP
Cadmium	1.9	0.34	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:01	OP
Chromium	15	0.67	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:01	OP
Copper	37	0.67	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:01	OP
Lead	520	1.0	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:01	OP
Mercury	0.29	0.018	mg/Kg dry	1		SW-846 7471A	12/6/10	12/7/10 14:07	CWB
Nickel	13	0.67	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:01	OP
Selenium	ND	6.7	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:01	OP
Silver	ND	0.67	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:01	OP
Thallium	ND	3.4	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:01	OP
Vanadium	36	1.3	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:01	OP
Zinc	1000	1.3	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:01	OP

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-04 (0-2) | Sampled: 12/2/2010 13:00

Sample ID: 10L0090-05

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.55	mg/Kg dry	1		SW846 9014	12/8/10	12/8/10 13:45	VAK
% Solids	75.1		% Wt	1		SM 2540G	12/6/10	12/7/10 9:13	VAF

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-04 (0-2) | Sampled: 12/2/2010 13:00

Sample ID: 10L0090-05

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:26	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:26	KSH
Barium	340	50	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:26	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:26	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:26	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:26	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:26	KSH
Lead	230	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:26	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/7/10	12/7/10 15:27	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:26	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:26	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:26	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:26	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:26	KSH
Zinc	400	50	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:26	KSH

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-04 (6-8) | Sampled: 12/2/2010 13:10

Sample ID: 10L0090-07

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	0.28	0.21	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Acenaphthene	ND	1.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Acenaphthylene	ND	0.21	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Acenaphthylene	ND	1.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Aniline	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Aniline	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Anthracene	1.1	0.21	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Anthracene	1.1	1.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Benzo(a)anthracene	4.7	0.21	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Benzo(a)anthracene	4.1	1.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Benzo(a)pyrene	4.6	0.21	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Benzo(a)pyrene	3.8	1.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Benzo(b)fluoranthene	5.9	0.21	mg/Kg dry	1	E	SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Benzo(b)fluoranthene	4.4	1.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Benzo(g,h,i)perylene	1.7	0.21	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Benzo(g,h,i)perylene	2.0	1.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Benzo(k)fluoranthene	2.1	0.21	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Benzo(k)fluoranthene	1.6	1.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Bis(2-chloroethoxy)methane	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Bis(2-chloroethoxy)methane	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Bis(2-chloroethyl)ether	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Bis(2-chloroethyl)ether	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Bis(2-chloroisopropyl)ether	ND	0.42	mg/Kg dry	1	V-04, V-05	SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Bis(2-chloroisopropyl)ether	ND	2.1	mg/Kg dry	5	V-04, V-05	SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Bis(2-Ethylhexyl)phthalate	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
4-Bromophenylphenylether	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
4-Bromophenylphenylether	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Butylbenzylphthalate	ND	0.82	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Butylbenzylphthalate	ND	4.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Carbazole	0.32	0.21	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Carbazole	ND	1.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
4-Chloroaniline	ND	0.82	mg/Kg dry	1	L-04	SW-846 8270C	12/6/10	12/9/10 13:42	BGL
4-Chloroaniline	ND	4.1	mg/Kg dry	5	L-04	SW-846 8270C	12/6/10	12/9/10 14:56	BGL
4-Chloro-3-methylphenol	ND	0.82	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
4-Chloro-3-methylphenol	ND	4.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
2-Chloronaphthalene	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
2-Chloronaphthalene	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
2-Chlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
2-Chlorophenol	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
4-Chlorophenylphenylether	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
4-Chlorophenylphenylether	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Chrysene	4.8	0.21	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-04 (6-8) | Sampled: 12/2/2010 13:10

Sample ID: 10L0090-07

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Chrysene	4.1	1.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Dibenz(a,h)anthracene	0.57	0.21	mg/Kg dry	1	V-06	SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Dibenz(a,h)anthracene	ND	1.1	mg/Kg dry	5	V-06	SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Dibenzofuran	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Dibenzofuran	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Di-n-butylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Di-n-butylphthalate	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
3,3-Dichlorobenzidine	ND	0.21	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
3,3-Dichlorobenzidine	ND	1.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
2,4-Dichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
2,4-Dichlorophenol	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Diethylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Diethylphthalate	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
2,4-Dimethylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
2,4-Dimethylphenol	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Dimethylphthalate	ND	0.82	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Dimethylphthalate	ND	4.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
4,6-Dinitro-2-methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
4,6-Dinitro-2-methylphenol	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
2,4-Dinitrophenol	ND	0.82	mg/Kg dry	1	V-04	SW-846 8270C	12/6/10	12/9/10 13:42	BGL
2,4-Dinitrophenol	ND	4.1	mg/Kg dry	5	V-04	SW-846 8270C	12/6/10	12/9/10 14:56	BGL
2,4-Dinitrotoluene	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
2,4-Dinitrotoluene	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
2,6-Dinitrotoluene	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
2,6-Dinitrotoluene	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Di-n-octylphthalate	ND	4.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Di-n-octylphthalate	ND	0.82	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Fluoranthene	8.4	1.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Fluoranthene	7.1	0.21	mg/Kg dry	1	E	SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Fluorene	ND	1.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Fluorene	0.43	0.21	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Hexachlorobenzene	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Hexachlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Hexachlorobutadiene	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Hexachlorobutadiene	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Hexachlorocyclopentadiene	ND	4.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Hexachlorocyclopentadiene	ND	0.82	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Hexachloroethane	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Hexachloroethane	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Indeno(1,2,3-cd)pyrene	2.8	1.1	mg/Kg dry	5	V-06	SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Indeno(1,2,3-cd)pyrene	2.3	0.21	mg/Kg dry	1	V-06	SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Isophorone	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Isophorone	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-04 (6-8) | Sampled: 12/2/2010 13:10

Sample ID: 10L0090-07

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
2-Methylnaphthalene	ND	1.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
2-Methylphenol	ND	0.42	mg/Kg dry	1	R-05	SW-846 8270C	12/6/10	12/9/10 13:42	BGL
2-Methylphenol	ND	2.1	mg/Kg dry	5	R-05	SW-846 8270C	12/6/10	12/9/10 14:56	BGL
3/4-Methylphenol	ND	0.42	mg/Kg dry	1	R-05	SW-846 8270C	12/6/10	12/9/10 13:42	BGL
3/4-Methylphenol	ND	2.1	mg/Kg dry	5	R-05	SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Naphthalene	ND	1.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Naphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
2-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
2-Nitroaniline	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
3-Nitroaniline	ND	0.42	mg/Kg dry	1	R-05	SW-846 8270C	12/6/10	12/9/10 13:42	BGL
3-Nitroaniline	ND	2.1	mg/Kg dry	5	R-05	SW-846 8270C	12/6/10	12/9/10 14:56	BGL
4-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
4-Nitroaniline	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Nitrobenzene	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Nitrobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
2-Nitrophenol	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
2-Nitrophenol	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
4-Nitrophenol	ND	0.82	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
4-Nitrophenol	ND	4.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
N-Nitrosodiphenylamine	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
N-Nitrosodiphenylamine	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
N-Nitrosodi-n-propylamine	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
N-Nitrosodi-n-propylamine	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Pentachloronitrobenzene	ND	2.1	mg/Kg dry	5	V-16	SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Pentachloronitrobenzene	ND	0.42	mg/Kg dry	1	V-16	SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Pentachlorophenol	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Pentachlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Phenanthrene	5.3	1.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Phenanthrene	6.0	0.21	mg/Kg dry	1	E	SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Phenol	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Phenol	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Pyrene	9.7	1.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Pyrene	8.5	0.21	mg/Kg dry	1	E	SW-846 8270C	12/6/10	12/9/10 13:42	BGL
Pyridine	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
Pyridine	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
1,2,4,5-Tetrachlorobenzene	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
1,2,4-Trichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
1,2,4-Trichlorobenzene	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
2,4,5-Trichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL
2,4,5-Trichlorophenol	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL
2,4,6-Trichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 13:42	BGL

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

Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-04 (6-8) | Sampled: 12/2/2010 13:10

Sample ID: 10L0090-07

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4,6-Trichlorophenol	ND	2.1	mg/Kg dry	5		SW-846 8270C	12/6/10	12/9/10 14:56	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	118	30-130		12/9/10 13:42
2-Fluorophenol	82.6	30-130		12/9/10 14:56
Phenol-d6	86.6	30-130		12/9/10 14:56
Phenol-d6	120	30-130		12/9/10 13:42
Nitrobenzene-d5	67.3	30-130		12/9/10 14:56
Nitrobenzene-d5	88.0	30-130		12/9/10 13:42
2-Fluorobiphenyl	86.9	30-130		12/9/10 13:42
2-Fluorobiphenyl	73.6	30-130		12/9/10 14:56
2,4,6-Tribromophenol	113	30-130		12/9/10 13:42
2,4,6-Tribromophenol	112	30-130		12/9/10 14:56
Terphenyl-d14	100	30-130		12/9/10 14:56
Terphenyl-d14	85.3	30-130		12/9/10 13:42

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-04 (6-8) | Sampled: 12/2/2010 13:10

Sample ID: 10L0090-07

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 13:27	PJG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 13:27	PJG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 13:27	PJG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 13:27	PJG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 13:27	PJG
Aroclor-1254 [2]	0.20	0.12	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 13:27	PJG
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 13:27	PJG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 13:27	PJG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 13:27	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	57.0	30-150		12/7/10 13:27
Decachlorobiphenyl [2]	63.2	30-150		12/7/10 13:27
Tetrachloro-m-xylene [1]	73.4	30-150		12/7/10 13:27
Tetrachloro-m-xylene [2]	78.4	30-150		12/7/10 13:27

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Project Location: 6 Rubber Ave, Naugatuck, CT Sample Description: Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-04 (6-8) Sampled: 12/2/2010 13:10

Sample ID: 10L0090-07

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	210	120	mg/Kg dry	10		CTDEP ETPH	12/6/10	12/7/10 2:43	CJM

Surrogates	% Recovery	Recovery Limits	Flag	
o-Terphenyl	66.7	50-150		12/7/10 2:43

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Project Location: 6 Rubber Ave, Naugatuck, CT Sample Description: Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-04 (6-8) Sampled: 12/2/2010 13:10

Sample ID: 10L0090-07

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	2.9	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:35	OP
Arsenic	ND	2.9	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:35	OP
Barium	760	2.9	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:35	OP
Beryllium	ND	0.29	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:35	OP
Cadmium	1.8	0.29	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:35	OP
Chromium	15	0.58	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:35	OP
Copper	34	0.58	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:35	OP
Lead	390	0.87	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:35	OP
Mercury	7.3	0.32	mg/Kg dry	20	MS-19	SW-846 7471A	12/7/10	12/8/10 13:29	CWB
Nickel	12	0.58	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:35	OP
Selenium	ND	5.8	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:35	OP
Silver	ND	0.58	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:35	OP
Thallium	ND	2.9	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:35	OP
Vanadium	35	1.2	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:35	OP
Zinc	530	1.2	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:35	OP

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-04 (6-8) | Sampled: 12/2/2010 13:10

Sample ID: 10L0090-07

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.48	mg/Kg dry	1		SW846 9014	12/9/10	12/9/10 10:45	VAK
% Solids	80.3		% Wt	1		SM 2540G	12/6/10	12/7/10 9:13	VAF

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-04 (6-8) | Sampled: 12/2/2010 13:10

Sample ID: 10L0090-07

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:30	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:30	KSH
Barium	310	50	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:30	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:30	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:30	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:30	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:30	KSH
Lead	160	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:30	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/7/10	12/7/10 15:28	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:30	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:30	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:30	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:30	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:30	KSH
Zinc	280	50	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:30	KSH

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-12 (0-2) | Sampled: 12/2/2010 14:00

Sample ID: 10L0090-08

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Aniline	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Benzo(a)anthracene	0.76	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Benzo(a)pyrene	0.80	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Benzo(b)fluoranthene	1.1	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Benzo(g,h,i)perylene	0.61	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Benzo(k)fluoranthene	0.41	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Bis(2-chloroethoxy)methane	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Bis(2-chloroethyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Bis(2-chloroisopropyl)ether	ND	0.39	mg/Kg dry	1	V-05, V-04	SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Bis(2-Ethylhexyl)phthalate	0.59	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
4-Bromophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Butylbenzylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Carbazole	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
4-Chloroaniline	ND	0.75	mg/Kg dry	1	L-04	SW-846 8270C	12/3/10	12/7/10 18:24	BGL
4-Chloro-3-methylphenol	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
2-Chloronaphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
2-Chlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
4-Chlorophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Chrysene	0.76	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1	V-06	SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Dibenzofuran	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Di-n-butylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
2,4-Dichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Diethylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
2,4-Dimethylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Dimethylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
4,6-Dinitro-2-methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
2,4-Dinitrophenol	ND	0.75	mg/Kg dry	1	V-04	SW-846 8270C	12/3/10	12/7/10 18:24	BGL
2,4-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
2,6-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Di-n-octylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Fluoranthene	1.5	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Hexachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Hexachlorobutadiene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Hexachlorocyclopentadiene	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Hexachloroethane	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Indeno(1,2,3-cd)pyrene	0.74	0.19	mg/Kg dry	1	V-06	SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Isophorone	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-12 (0-2) | Sampled: 12/2/2010 14:00

Sample ID: 10L0090-08

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
2-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
3/4-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
2-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
3-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
4-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Nitrobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
2-Nitrophenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
4-Nitrophenol	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
N-Nitrosodiphenylamine	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
N-Nitrosodi-n-propylamine	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Pentachloronitrobenzene	ND	0.39	mg/Kg dry	1	V-16	SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Pentachlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Phenanthrene	0.57	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Phenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Pyrene	1.2	0.19	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
Pyridine	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
1,2,4-Trichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
2,4,5-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL
2,4,6-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/3/10	12/7/10 18:24	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	70.2	30-130		12/7/10 18:24
Phenol-d6	77.2	30-130		12/7/10 18:24
Nitrobenzene-d5	58.2	30-130		12/7/10 18:24
2-Fluorobiphenyl	74.0	30-130		12/7/10 18:24
2,4,6-Tribromophenol	72.0	30-130		12/7/10 18:24
Terphenyl-d14	71.0	30-130		12/7/10 18:24

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Project Location: 6 Rubber Ave, Naugatuck, CT Sample Description: Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-12 (0-2) Sampled: 12/2/2010 14:00

Sample ID: 10L0090-08

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	2.9	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:04	OP
Arsenic	4.1	2.9	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:04	OP
Barium	170	2.9	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:04	OP
Beryllium	ND	0.29	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:04	OP
Cadmium	0.53	0.29	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:04	OP
Chromium	12	0.58	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:04	OP
Copper	39	0.58	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:04	OP
Lead	600	0.87	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:04	OP
Mercury	0.74	0.015	mg/Kg dry	1		SW-846 7471A	12/6/10	12/7/10 14:10	CWB
Nickel	9.8	0.58	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:04	OP
Selenium	ND	5.8	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:04	OP
Silver	ND	0.58	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:04	OP
Thallium	ND	2.9	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:04	OP
Vanadium	35	1.2	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:04	OP
Zinc	310	1.2	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:04	OP

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-12 (0-2) | Sampled: 12/2/2010 14:00

Sample ID: 10L0090-08

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.0		% Wt	1		SM 2540G	12/6/10	12/7/10 9:13	VAF

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-12 (0-2) | Sampled: 12/2/2010 14:00

Sample ID: 10L0090-08

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:33	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:33	KSH
Barium	160	50	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:33	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:33	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:33	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:33	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:33	KSH
Lead	140	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:33	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/7/10	12/7/10 15:30	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:33	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:33	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:33	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:33	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:33	KSH
Zinc	91	50	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:33	KSH

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-12 (6-8) | Sampled: 12/2/2010 14:50

Sample ID: 10L0090-09

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	0.47	0.46	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Acenaphthylene	ND	0.46	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Aniline	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Anthracene	1.1	0.46	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Benzo(a)anthracene	3.3	0.46	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Benzo(a)pyrene	2.8	0.46	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Benzo(b)fluoranthene	3.5	0.46	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Benzo(g,h,i)perylene	1.4	0.46	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Benzo(k)fluoranthene	1.2	0.46	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Bis(2-chloroethoxy)methane	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Bis(2-chloroethyl)ether	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Bis(2-chloroisopropyl)ether	ND	0.91	mg/Kg dry	2	V-04, V-05	SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
4-Bromophenylphenylether	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Butylbenzylphthalate	ND	1.8	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Carbazole	ND	0.46	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
4-Chloroaniline	ND	1.8	mg/Kg dry	2	L-04	SW-846 8270C	12/3/10	12/8/10 15:58	BGL
4-Chloro-3-methylphenol	ND	1.8	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
2-Chloronaphthalene	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
2-Chlorophenol	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
4-Chlorophenylphenylether	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Chrysene	3.3	0.46	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Dibenz(a,h)anthracene	0.49	0.46	mg/Kg dry	2	V-06	SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Dibenzofuran	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Di-n-butylphthalate	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
3,3-Dichlorobenzidine	ND	0.46	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
2,4-Dichlorophenol	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Diethylphthalate	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
2,4-Dimethylphenol	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Dimethylphthalate	ND	1.8	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
4,6-Dinitro-2-methylphenol	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
2,4-Dinitrophenol	ND	1.8	mg/Kg dry	2	V-04	SW-846 8270C	12/3/10	12/8/10 15:58	BGL
2,4-Dinitrotoluene	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
2,6-Dinitrotoluene	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Di-n-octylphthalate	ND	1.8	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Fluoranthene	5.4	0.46	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Fluorene	ND	0.46	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Hexachlorobenzene	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Hexachlorobutadiene	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Hexachlorocyclopentadiene	ND	1.8	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Hexachloroethane	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Indeno(1,2,3-cd)pyrene	1.9	0.46	mg/Kg dry	2	V-06	SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Isophorone	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL

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

Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-12 (6-8) | Sampled: 12/2/2010 14:50

Sample ID: 10L0090-09

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.46	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
2-Methylphenol	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
3/4-Methylphenol	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Naphthalene	ND	0.46	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
2-Nitroaniline	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
3-Nitroaniline	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
4-Nitroaniline	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Nitrobenzene	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
2-Nitrophenol	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
4-Nitrophenol	ND	1.8	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
N-Nitrosodiphenylamine	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
N-Nitrosodi-n-propylamine	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Pentachloronitrobenzene	ND	0.91	mg/Kg dry	2	V-16	SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Pentachlorophenol	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Phenanthrene	5.6	0.46	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Phenol	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Pyrene	4.8	0.46	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
Pyridine	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
1,2,4-Trichlorobenzene	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
2,4,5-Trichlorophenol	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL
2,4,6-Trichlorophenol	ND	0.91	mg/Kg dry	2		SW-846 8270C	12/3/10	12/8/10 15:58	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	78.2	30-130		12/8/10 15:58
Phenol-d6	83.7	30-130		12/8/10 15:58
Nitrobenzene-d5	68.7	30-130		12/8/10 15:58
2-Fluorobiphenyl	85.0	30-130		12/8/10 15:58
2,4,6-Tribromophenol	74.2	30-130		12/8/10 15:58
Terphenyl-d14	70.1	30-130		12/8/10 15:58

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-12 (6-8) | Sampled: 12/2/2010 14:50

Sample ID: 10L0090-09

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 0:59	PJG
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 0:59	PJG
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 0:59	PJG
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 0:59	PJG
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 0:59	PJG
Aroclor-1254 [1]	0.54	0.13	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 0:59	PJG
Aroclor-1260 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 0:59	PJG
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 0:59	PJG
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	12/3/10	12/7/10 0:59	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	77.0	30-150		12/7/10 0:59
Decachlorobiphenyl [2]	93.0	30-150		12/7/10 0:59
Tetrachloro-m-xylene [1]	89.9	30-150		12/7/10 0:59
Tetrachloro-m-xylene [2]	95.1	30-150		12/7/10 0:59

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Project Location: 6 Rubber Ave, Naugatuck, CT Sample Description: Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-12 (6-8) Sampled: 12/2/2010 14:50

Sample ID: 10L0090-09

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	220	66	mg/Kg dry	5		CTDEP ETPH	12/6/10	12/7/10 3:02	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	59.9	50-150				12/7/10 3:02	

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Project Location: 6 Rubber Ave, Naugatuck, CT Sample Description: Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-12 (6-8) Sampled: 12/2/2010 14:50

Sample ID: 10L0090-09

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	4.3	3.4	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:30	OP
Arsenic	8.7	3.4	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:30	OP
Barium	450	3.4	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:30	OP
Beryllium	ND	0.34	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:30	OP
Cadmium	0.79	0.34	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:30	OP
Chromium	13	0.67	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:30	OP
Copper	83	0.67	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:30	OP
Lead	720	1.0	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:30	OP
Mercury	1.1	0.031	mg/Kg dry	2		SW-846 7471A	12/6/10	12/7/10 14:36	CWB
Nickel	12	0.67	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:30	OP
Selenium	ND	6.7	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:30	OP
Silver	ND	0.67	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:30	OP
Thallium	ND	3.4	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:30	OP
Vanadium	24	1.3	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:30	OP
Zinc	800	1.3	mg/Kg dry	1		SW-846 6010B	12/3/10	12/7/10 17:30	OP

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

Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-12 (6-8) | Sampled: 12/2/2010 14:50

Sample ID: 10L0090-09

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	74.7		% Wt	1		SM 2540G	12/6/10	12/7/10 9:13	VAF

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

Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: GDC-TP-12 (6-8) | Sampled: 12/2/2010 14:50

Sample ID: 10L0090-09

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:37	KSH
Arsenic	2.0	2.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:37	KSH
Barium	140	50	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:37	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:37	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:37	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:37	KSH
Copper	52	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:37	KSH
Lead	180	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:37	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/7/10	12/7/10 15:36	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:37	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:37	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:37	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:37	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:37	KSH
Zinc	570	50	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:37	KSH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: TB20101202 | Sampled: 12/2/2010 15:00

Sample ID: 10L0090-10

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	mg/Kg wet	1	V-16	SW-846 8260B	12/3/10	12/3/10 14:48	MFF
Acrylonitrile	ND	0.0060	mg/Kg wet	1	V-16	SW-846 8260B	12/3/10	12/3/10 14:48	MFF
Benzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
Bromobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
Bromodichloromethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
Bromoform	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
Bromomethane	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
2-Butanone (MEK)	ND	0.040	mg/Kg wet	1	V-16	SW-846 8260B	12/3/10	12/3/10 14:48	MFF
n-Butylbenzene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
sec-Butylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
tert-Butylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
Carbon Disulfide	ND	0.0060	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
Carbon Tetrachloride	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
Chlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
Chlorodibromomethane	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
Chloroethane	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
Chloroform	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
Chloromethane	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
Dibromomethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
cis-1,3-Dichloropropene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
trans-1,3-Dichloropropene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
Ethylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
2-Hexanone (MBK)	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
Isopropylbenzene (Cumene)	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0090

Date Received: 12/2/2010

Field Sample #: TB20101202 | Sampled: 12/2/2010 15:00

Sample ID: 10L0090-10

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
Methylene Chloride	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
Naphthalene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
n-Propylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
Styrene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
Tetrachloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
Tetrahydrofuran	ND	0.010	mg/Kg wet	1	V-16	SW-846 8260B	12/3/10	12/3/10 14:48	MFF
Toluene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
Trichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
Vinyl Chloride	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
m+p Xylene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF
o-Xylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/3/10	12/3/10 14:48	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	111	70-130		12/3/10 14:48
Toluene-d8	95.8	70-130		12/3/10 14:48
4-Bromofluorobenzene	97.7	70-130		12/3/10 14:48

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Sample Extraction Data

Prep Method: SW-846 3546-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0090-04 [GDC-TP-07 (6-8)]	B023193	30.0	2.00	12/03/10

Prep Method: SW-846 3546-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0090-02 [GDC-TP-08 (4-6)]	B023213	30.0	1.00	12/06/10
10L0090-05 [GDC-TP-04 (0-2)]	B023213	30.0	2.00	12/06/10
10L0090-07 [GDC-TP-04 (6-8)]	B023213	30.0	1.00	12/06/10
10L0090-09 [GDC-TP-12 (6-8)]	B023213	30.2	1.00	12/06/10

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
10L0090-02 [GDC-TP-08 (4-6)]	B023256	12/06/10
10L0090-04 [GDC-TP-07 (6-8)]	B023256	12/06/10
10L0090-05 [GDC-TP-04 (0-2)]	B023256	12/06/10
10L0090-07 [GDC-TP-04 (6-8)]	B023256	12/06/10
10L0090-08 [GDC-TP-12 (0-2)]	B023256	12/06/10
10L0090-09 [GDC-TP-12 (6-8)]	B023256	12/06/10

Prep Method: SW-846 3050B-SW-846 6010B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0090-02 [GDC-TP-08 (4-6)]	B023189	1.04	50.0	12/03/10
10L0090-04 [GDC-TP-07 (6-8)]	B023189	1.03	50.0	12/03/10
10L0090-05 [GDC-TP-04 (0-2)]	B023189	0.989	50.0	12/03/10
10L0090-07 [GDC-TP-04 (6-8)]	B023189	1.07	50.0	12/03/10
10L0090-08 [GDC-TP-12 (0-2)]	B023189	0.983	50.0	12/03/10
10L0090-09 [GDC-TP-12 (6-8)]	B023189	0.999	50.0	12/03/10

Prep Method: SW-846 3050B-SW-846 6010B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0090-04RE1 [GDC-TP-07 (6-8)]	B023301	0.991	50.0	12/07/10
10L0090-04RE2 [GDC-TP-07 (6-8)]	B023301	0.991	50.0	12/07/10

Prep Method: SW-846 3010A-SW-846 6020A **Leachates were extracted on 12/6/2010 per SW-846 1312 in Batch B023253**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0090-02 [GDC-TP-08 (4-6)]	B023283	50.0	50.0	12/07/10
10L0090-04 [GDC-TP-07 (6-8)]	B023283	50.0	50.0	12/07/10
10L0090-05 [GDC-TP-04 (0-2)]	B023283	50.0	50.0	12/07/10
10L0090-07 [GDC-TP-04 (6-8)]	B023283	50.0	50.0	12/07/10
10L0090-08 [GDC-TP-12 (0-2)]	B023283	50.0	50.0	12/07/10
10L0090-09 [GDC-TP-12 (6-8)]	B023283	50.0	50.0	12/07/10

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Sample Extraction Data

Prep Method: SW-846 7470A Prep-SW-846 7470A **Leachates were extracted on 12/6/2010 per SW-846 1312 in Batch B023253**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0090-02 [GDC-TP-08 (4-6)]	B023284	6.00	6.00	12/07/10
10L0090-04 [GDC-TP-07 (6-8)]	B023284	6.00	6.00	12/07/10
10L0090-05 [GDC-TP-04 (0-2)]	B023284	6.00	6.00	12/07/10
10L0090-07 [GDC-TP-04 (6-8)]	B023284	6.00	6.00	12/07/10
10L0090-08 [GDC-TP-12 (0-2)]	B023284	6.00	6.00	12/07/10
10L0090-09 [GDC-TP-12 (6-8)]	B023284	6.00	6.00	12/07/10

Prep Method: SW-846 7471-SW-846 7471A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0090-02 [GDC-TP-08 (4-6)]	B023223	0.210	25.0	12/06/10
10L0090-04 [GDC-TP-07 (6-8)]	B023223	0.185	25.0	12/06/10
10L0090-05 [GDC-TP-04 (0-2)]	B023223	0.182	25.0	12/06/10
10L0090-08 [GDC-TP-12 (0-2)]	B023223	0.192	25.0	12/06/10
10L0090-09 [GDC-TP-12 (6-8)]	B023223	0.218	25.0	12/06/10

Prep Method: SW-846 7471-SW-846 7471A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0090-07 [GDC-TP-04 (6-8)]	B023322	0.196	25.0	12/07/10

Prep Method: SW-846 3546-SW-846 8082

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0090-02 [GDC-TP-08 (4-6)]	B023203	10.0	50.0	12/03/10
10L0090-04 [GDC-TP-07 (6-8)]	B023203	10.1	50.0	12/03/10
10L0090-05 [GDC-TP-04 (0-2)]	B023203	10.0	50.0	12/03/10
10L0090-09 [GDC-TP-12 (6-8)]	B023203	10.0	50.0	12/03/10

Prep Method: SW-846 3546-SW-846 8082

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0090-07 [GDC-TP-04 (6-8)]	B023214	10.0	50.0	12/06/10

Prep Method: SW-846 5035-SW-846 8260B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0090-10 [TB20101202]	B023144	5.00	10.0	12/03/10

Prep Method: SW-846 5035-SW-846 8260B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0090-04 [GDC-TP-07 (6-8)]	B023327	5.20	10.0	12/07/10

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Sample Extraction Data

Prep Method: SW-846 3546-SW-846 8270C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0090-02 [GDC-TP-08 (4-6)]	B023195	30.0	1.00	12/03/10
10L0090-04 [GDC-TP-07 (6-8)]	B023195	30.0	2.00	12/03/10
10L0090-04RE1 [GDC-TP-07 (6-8)]	B023195	30.0	2.00	12/03/10
10L0090-05 [GDC-TP-04 (0-2)]	B023195	30.0	2.00	12/03/10
10L0090-05RE1 [GDC-TP-04 (0-2)]	B023195	30.0	2.00	12/03/10
10L0090-08 [GDC-TP-12 (0-2)]	B023195	30.0	1.00	12/03/10
10L0090-09 [GDC-TP-12 (6-8)]	B023195	30.0	1.00	12/03/10

Prep Method: SW-846 3546-SW-846 8270C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0090-07 [GDC-TP-04 (6-8)]	B023212	30.0	1.00	12/06/10
10L0090-07RE1 [GDC-TP-04 (6-8)]	B023212	30.0	1.00	12/06/10

SW846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0090-02 [GDC-TP-08 (4-6)]	B023330	1.46	50.0	12/08/10
10L0090-04 [GDC-TP-07 (6-8)]	B023330	1.01	50.0	12/08/10
10L0090-05 [GDC-TP-04 (0-2)]	B023330	1.22	50.0	12/08/10

SW846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0090-07 [GDC-TP-04 (6-8)]	B023416	1.29	50.0	12/09/10

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023144 - SW-846 5035										
Blank (B023144-BLK1)				Prepared & Analyzed: 12/03/10						
Acetone	ND	0.10	mg/Kg wet							V-16
Acrylonitrile	ND	0.0060	mg/Kg wet							V-16
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							V-16
n-Butylbenzene	ND	0.0040	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0040	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0040	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0020	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0040	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0040	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023144 - SW-846 5035											
Blank (B023144-BLK1)				Prepared & Analyzed: 12/03/10							
Tetrachloroethylene	ND	0.0020	mg/Kg wet								
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16	
Toluene	ND	0.0020	mg/Kg wet								
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet								
Trichloroethylene	ND	0.0020	mg/Kg wet								
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet								
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet								
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet								
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet								
Vinyl Chloride	ND	0.010	mg/Kg wet								
m+p Xylene	ND	0.0040	mg/Kg wet								
o-Xylene	ND	0.0020	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0513*		mg/Kg wet	0.0500		103	70-130				
Surrogate: Toluene-d8	*0.0478*		mg/Kg wet	0.0500		95.6	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0487*		mg/Kg wet	0.0500		97.4	70-130				
LCS (B023144-BS1)				Prepared & Analyzed: 12/03/10							
Acetone	0.198	0.10	mg/Kg wet	0.200		99.0	70-130			V-16	†
Acrylonitrile	0.0187	0.0060	mg/Kg wet	0.0200		93.4	70-130			V-16	
Benzene	0.0189	0.0020	mg/Kg wet	0.0200		94.5	70-130				
Bromobenzene	0.0198	0.0020	mg/Kg wet	0.0200		98.8	70-130				
Bromodichloromethane	0.0190	0.0020	mg/Kg wet	0.0200		94.8	70-130				
Bromoform	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130				
Bromomethane	0.0188	0.010	mg/Kg wet	0.0200		94.1	70-130				†
2-Butanone (MEK)	0.183	0.040	mg/Kg wet	0.200		91.4	70-130			V-16	†
n-Butylbenzene	0.0182	0.0040	mg/Kg wet	0.0200		91.2	70-130				
sec-Butylbenzene	0.0189	0.0020	mg/Kg wet	0.0200		94.3	70-130				
tert-Butylbenzene	0.0188	0.0020	mg/Kg wet	0.0200		94.2	70-130				†
Carbon Disulfide	0.205	0.0060	mg/Kg wet	0.200		103	70-130				
Carbon Tetrachloride	0.0189	0.0040	mg/Kg wet	0.0200		94.4	70-130				
Chlorobenzene	0.0192	0.0020	mg/Kg wet	0.0200		96.0	70-130				
Chlorodibromomethane	0.0168	0.0040	mg/Kg wet	0.0200		84.1	70-130				
Chloroethane	0.0195	0.020	mg/Kg wet	0.0200		97.3	70-130				
Chloroform	0.0196	0.0040	mg/Kg wet	0.0200		98.2	70-130				
Chloromethane	0.0188	0.010	mg/Kg wet	0.0200		94.0	70-130				
2-Chlorotoluene	0.0196	0.0020	mg/Kg wet	0.0200		98.2	70-130				
4-Chlorotoluene	0.0198	0.0020	mg/Kg wet	0.0200		98.9	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130				
1,2-Dibromoethane (EDB)	0.0182	0.0010	mg/Kg wet	0.0200		91.0	70-130				
Dibromomethane	0.0187	0.0020	mg/Kg wet	0.0200		93.4	70-130				
1,2-Dichlorobenzene	0.0195	0.0020	mg/Kg wet	0.0200		97.7	70-130				
1,3-Dichlorobenzene	0.0198	0.0020	mg/Kg wet	0.0200		99.2	70-130				
1,4-Dichlorobenzene	0.0195	0.0020	mg/Kg wet	0.0200		97.6	70-130				
trans-1,4-Dichloro-2-butene	0.0204	0.0040	mg/Kg wet	0.0200		102	70-130				
Dichlorodifluoromethane (Freon 12)	0.0176	0.020	mg/Kg wet	0.0200		88.0	70-130				†
1,1-Dichloroethane	0.0182	0.0020	mg/Kg wet	0.0200		91.2	70-130				
1,2-Dichloroethane	0.0195	0.0020	mg/Kg wet	0.0200		97.6	70-130				
1,1-Dichloroethylene	0.0204	0.0040	mg/Kg wet	0.0200		102	70-130				

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023144 - SW-846 5035											
LCS (B023144-BS1)				Prepared & Analyzed: 12/03/10							
cis-1,2-Dichloroethylene	0.0183	0.0020	mg/Kg wet	0.0200		91.6	70-130				
trans-1,2-Dichloroethylene	0.0189	0.0020	mg/Kg wet	0.0200		94.3	70-130				
1,2-Dichloropropane	0.0178	0.0020	mg/Kg wet	0.0200		89.2	70-130				
1,3-Dichloropropane	0.0186	0.0010	mg/Kg wet	0.0200		92.9	70-130				
2,2-Dichloropropane	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130				
1,1-Dichloropropene	0.0186	0.0020	mg/Kg wet	0.0200		93.1	70-130				
cis-1,3-Dichloropropene	0.0190	0.0020	mg/Kg wet	0.0200		94.8	70-130				
trans-1,3-Dichloropropene	0.0179	0.0040	mg/Kg wet	0.0200		89.7	70-130				
Ethylbenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.6	70-130				
Hexachlorobutadiene	0.0186	0.0020	mg/Kg wet	0.0200		93.0	70-130				
2-Hexanone (MBK)	0.175	0.020	mg/Kg wet	0.200		87.6	70-130				†
Isopropylbenzene (Cumene)	0.0179	0.0040	mg/Kg wet	0.0200		89.6	70-130				
p-Isopropyltoluene (p-Cymene)	0.0194	0.0020	mg/Kg wet	0.0200		97.1	70-130				
Methyl tert-Butyl Ether (MTBE)	0.0185	0.0040	mg/Kg wet	0.0200		92.7	70-130				
Methylene Chloride	0.0176	0.020	mg/Kg wet	0.0200		88.2	70-130				†
4-Methyl-2-pentanone (MIBK)	0.181	0.020	mg/Kg wet	0.200		90.4	70-130				†
Naphthalene	0.0172	0.0040	mg/Kg wet	0.0200		86.1	70-130				†
n-Propylbenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.4	70-130				
Styrene	0.0196	0.0020	mg/Kg wet	0.0200		97.8	70-130				
1,1,1,2-Tetrachloroethane	0.0197	0.0020	mg/Kg wet	0.0200		98.6	70-130				
1,1,2,2-Tetrachloroethane	0.0180	0.0010	mg/Kg wet	0.0200		90.2	70-130				
Tetrachloroethylene	0.0191	0.0020	mg/Kg wet	0.0200		95.5	70-130				
Tetrahydrofuran	0.0164	0.010	mg/Kg wet	0.0200		82.1	70-130			V-16	
Toluene	0.0179	0.0020	mg/Kg wet	0.0200		89.5	70-130				
1,2,3-Trichlorobenzene	0.0164	0.0020	mg/Kg wet	0.0200		82.1	70-130				
1,2,4-Trichlorobenzene	0.0167	0.0020	mg/Kg wet	0.0200		83.5	70-130				
1,1,1-Trichloroethane	0.0196	0.0020	mg/Kg wet	0.0200		98.0	70-130				
1,1,2-Trichloroethane	0.0178	0.0020	mg/Kg wet	0.0200		88.8	70-130				
Trichloroethylene	0.0189	0.0020	mg/Kg wet	0.0200		94.5	70-130				
Trichlorofluoromethane (Freon 11)	0.0206	0.010	mg/Kg wet	0.0200		103	70-130				
1,2,3-Trichloropropane	0.0181	0.0020	mg/Kg wet	0.0200		90.6	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0207	0.010	mg/Kg wet	0.0200		104	70-130				
1,2,4-Trimethylbenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.4	70-130				
1,3,5-Trimethylbenzene	0.0198	0.0020	mg/Kg wet	0.0200		98.8	70-130				
Vinyl Chloride	0.0188	0.010	mg/Kg wet	0.0200		94.1	70-130				†
m+p Xylene	0.0386	0.0040	mg/Kg wet	0.0400		96.6	70-130				
o-Xylene	0.0194	0.0020	mg/Kg wet	0.0200		97.1	70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0504*		mg/Kg wet	0.0500		101	70-130				
Surrogate: Toluene-d8	*0.0491*		mg/Kg wet	0.0500		98.3	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0506*		mg/Kg wet	0.0500		101	70-130				
Batch B023327 - SW-846 5035											
Blank (B023327-BLK1)				Prepared & Analyzed: 12/07/10							
Acetone	ND	0.10	mg/Kg wet							V-16	
Acrylonitrile	ND	0.0060	mg/Kg wet							V-16	
Benzene	ND	0.0020	mg/Kg wet								
Bromobenzene	ND	0.0020	mg/Kg wet								
Bromodichloromethane	ND	0.0020	mg/Kg wet								
Bromoform	ND	0.0020	mg/Kg wet								
Bromomethane	ND	0.010	mg/Kg wet								
2-Butanone (MEK)	ND	0.040	mg/Kg wet							V-16	

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023327 - SW-846 5035										
Blank (B023327-BLK1)				Prepared & Analyzed: 12/07/10						
n-Butylbenzene	ND	0.0040	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0040	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0040	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0020	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0040	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0040	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023327 - SW-846 5035											
Blank (B023327-BLK1)				Prepared & Analyzed: 12/07/10							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet								
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet								
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet								
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet								
Vinyl Chloride	ND	0.010	mg/Kg wet								
m+p Xylene	ND	0.0040	mg/Kg wet								
o-Xylene	ND	0.0020	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0529*		mg/Kg wet	0.0500		106	70-130				
Surrogate: Toluene-d8	*0.0476*		mg/Kg wet	0.0500		95.1	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0485*		mg/Kg wet	0.0500		97.0	70-130				
LCS (B023327-BS1)				Prepared & Analyzed: 12/07/10							
Acetone	0.186	0.10	mg/Kg wet	0.200		92.9	70-130			V-16	†
Acrylonitrile	0.0167	0.0060	mg/Kg wet	0.0200		83.6	70-130			V-16	
Benzene	0.0185	0.0020	mg/Kg wet	0.0200		92.5	70-130				
Bromobenzene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130				
Bromodichloromethane	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130				
Bromoform	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130				
Bromomethane	0.0202	0.010	mg/Kg wet	0.0200		101	70-130				†
2-Butanone (MEK)	0.190	0.040	mg/Kg wet	0.200		95.0	70-130			V-16	†
n-Butylbenzene	0.0203	0.0040	mg/Kg wet	0.0200		102	70-130				
sec-Butylbenzene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130				
tert-Butylbenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130				†
Carbon Disulfide	0.200	0.0060	mg/Kg wet	0.200		100	70-130				
Carbon Tetrachloride	0.0208	0.0040	mg/Kg wet	0.0200		104	70-130				
Chlorobenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.5	70-130				
Chlorodibromomethane	0.0199	0.0040	mg/Kg wet	0.0200		99.3	70-130				
Chloroethane	0.0198	0.020	mg/Kg wet	0.0200		99.1	70-130				
Chloroform	0.0206	0.0040	mg/Kg wet	0.0200		103	70-130				
Chloromethane	0.0185	0.010	mg/Kg wet	0.0200		92.6	70-130				
2-Chlorotoluene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130				
4-Chlorotoluene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0231	0.0020	mg/Kg wet	0.0200		115	70-130				
1,2-Dibromoethane (EDB)	0.0208	0.0010	mg/Kg wet	0.0200		104	70-130				
Dibromomethane	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130				
1,2-Dichlorobenzene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130				
1,3-Dichlorobenzene	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130				
1,4-Dichlorobenzene	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130				
trans-1,4-Dichloro-2-butene	0.0251	0.0040	mg/Kg wet	0.0200		126	70-130				
Dichlorodifluoromethane (Freon 12)	0.0171	0.020	mg/Kg wet	0.0200		85.4	70-130				†
1,1-Dichloroethane	0.0180	0.0020	mg/Kg wet	0.0200		90.0	70-130				
1,2-Dichloroethane	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130				
1,1-Dichloroethylene	0.0214	0.0040	mg/Kg wet	0.0200		107	70-130				
cis-1,2-Dichloroethylene	0.0183	0.0020	mg/Kg wet	0.0200		91.7	70-130				
trans-1,2-Dichloroethylene	0.0187	0.0020	mg/Kg wet	0.0200		93.3	70-130				
1,2-Dichloropropane	0.0188	0.0020	mg/Kg wet	0.0200		94.2	70-130				
1,3-Dichloropropane	0.0198	0.0010	mg/Kg wet	0.0200		98.9	70-130				
2,2-Dichloropropane	0.0233	0.0020	mg/Kg wet	0.0200		116	70-130				
1,1-Dichloropropene	0.0194	0.0020	mg/Kg wet	0.0200		97.1	70-130				
cis-1,3-Dichloropropene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130				
trans-1,3-Dichloropropene	0.0206	0.0040	mg/Kg wet	0.0200		103	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023327 - SW-846 5035											
LCS (B023327-BS1)				Prepared & Analyzed: 12/07/10							
Ethylbenzene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130				
Hexachlorobutadiene	0.0195	0.0020	mg/Kg wet	0.0200		97.6	70-130				
2-Hexanone (MBK)	0.189	0.020	mg/Kg wet	0.200		94.4	70-130				†
Isopropylbenzene (Cumene)	0.0193	0.0040	mg/Kg wet	0.0200		96.7	70-130				
p-Isopropyltoluene (p-Cymene)	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130				
Methyl tert-Butyl Ether (MTBE)	0.0193	0.0040	mg/Kg wet	0.0200		96.5	70-130				
Methylene Chloride	0.0186	0.020	mg/Kg wet	0.0200		92.9	70-130				†
4-Methyl-2-pentanone (MIBK)	0.187	0.020	mg/Kg wet	0.200		93.6	70-130				†
Naphthalene	0.0183	0.0040	mg/Kg wet	0.0200		91.5	70-130				†
n-Propylbenzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130				
Styrene	0.0199	0.0020	mg/Kg wet	0.0200		99.3	70-130				
1,1,1,2-Tetrachloroethane	0.0205	0.0020	mg/Kg wet	0.0200		103	70-130				
1,1,2,2-Tetrachloroethane	0.0187	0.0010	mg/Kg wet	0.0200		93.3	70-130				
Tetrachloroethylene	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130				
Tetrahydrofuran	0.0189	0.010	mg/Kg wet	0.0200		94.6	70-130			V-16	
Toluene	0.0183	0.0020	mg/Kg wet	0.0200		91.6	70-130				
1,2,3-Trichlorobenzene	0.0176	0.0020	mg/Kg wet	0.0200		87.8	70-130				
1,2,4-Trichlorobenzene	0.0179	0.0020	mg/Kg wet	0.0200		89.5	70-130				
1,1,1-Trichloroethane	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130				
1,1,2-Trichloroethane	0.0184	0.0020	mg/Kg wet	0.0200		92.1	70-130				
Trichloroethylene	0.0198	0.0020	mg/Kg wet	0.0200		99.0	70-130				
Trichlorofluoromethane (Freon 11)	0.0222	0.010	mg/Kg wet	0.0200		111	70-130				
1,2,3-Trichloropropane	0.0197	0.0020	mg/Kg wet	0.0200		98.5	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0227	0.010	mg/Kg wet	0.0200		113	70-130				
1,2,4-Trimethylbenzene	0.0209	0.0020	mg/Kg wet	0.0200		105	70-130				
1,3,5-Trimethylbenzene	0.0211	0.0020	mg/Kg wet	0.0200		105	70-130				
Vinyl Chloride	0.0191	0.010	mg/Kg wet	0.0200		95.7	70-130				†
m+p Xylene	0.0414	0.0040	mg/Kg wet	0.0400		104	70-130				
o-Xylene	0.0198	0.0020	mg/Kg wet	0.0200		98.8	70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0532*		mg/Kg wet	0.0500		106	70-130				
Surrogate: Toluene-d8	*0.0491*		mg/Kg wet	0.0500		98.1	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0520*		mg/Kg wet	0.0500		104	70-130				
Matrix Spike (B023327-MS1)		**Source: 10L0090-04**		Prepared & Analyzed: 12/07/10							
Acetone	0.191	0.11	mg/Kg dry	0.212	ND	89.8	70-130			V-16	
Acrylonitrile	0.0194	0.0064	mg/Kg dry	0.0212	ND	91.5	70-130			V-16	
Benzene	0.0188	0.0021	mg/Kg dry	0.0212	ND	88.7	70-130				
Bromobenzene	0.0188	0.0021	mg/Kg dry	0.0212	ND	88.3	70-130				
Bromodichloromethane	0.0194	0.0021	mg/Kg dry	0.0212	ND	91.5	70-130				
Bromoform	0.0194	0.0021	mg/Kg dry	0.0212	ND	91.3	70-130				
Bromomethane	0.0176	0.011	mg/Kg dry	0.0212	ND	83.0	70-130				
2-Butanone (MEK)	0.186	0.042	mg/Kg dry	0.212	ND	87.6	70-130			V-16	
n-Butylbenzene	0.0155	0.0042	mg/Kg dry	0.0212	ND	73.2	70-130				
sec-Butylbenzene	0.0177	0.0021	mg/Kg dry	0.0212	ND	83.3	70-130				
tert-Butylbenzene	0.0181	0.0021	mg/Kg dry	0.0212	ND	85.1	70-130				
Carbon Disulfide	0.209	0.0064	mg/Kg dry	0.212	ND	98.5	70-130				
Carbon Tetrachloride	0.0194	0.0042	mg/Kg dry	0.0212	ND	91.3	70-130				
Chlorobenzene	0.0192	0.0021	mg/Kg dry	0.0212	ND	90.2	70-130				
Chlorodibromomethane	0.0174	0.0042	mg/Kg dry	0.0212	ND	81.9	70-130				
Chloroethane	0.0189	0.021	mg/Kg dry	0.0212	ND	89.1	70-130				
Chloroform	0.0202	0.0042	mg/Kg dry	0.0212	ND	95.3	70-130				
Chloromethane	0.0172	0.011	mg/Kg dry	0.0212	ND	81.0	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B023327 - SW-846 5035											
Matrix Spike (B023327-MS1)		**Source: 10L0090-04**		Prepared & Analyzed: 12/07/10							
2-Chlorotoluene	0.0188	0.0021	mg/Kg dry	0.0212	ND	88.7		70-130			
4-Chlorotoluene	0.0188	0.0021	mg/Kg dry	0.0212	ND	88.5		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0216	0.0021	mg/Kg dry	0.0212	ND	102		70-130			
1,2-Dibromoethane (EDB)	0.0179	0.0011	mg/Kg dry	0.0212	ND	84.5		70-130			
Dibromomethane	0.0189	0.0021	mg/Kg dry	0.0212	ND	89.2		70-130			
1,2-Dichlorobenzene	0.0181	0.0021	mg/Kg dry	0.0212	ND	85.3		70-130			
1,3-Dichlorobenzene	0.0188	0.0021	mg/Kg dry	0.0212	ND	88.5		70-130			
1,4-Dichlorobenzene	0.0185	0.0021	mg/Kg dry	0.0212	ND	87.2		70-130			
trans-1,4-Dichloro-2-butene	0.0220	0.0042	mg/Kg dry	0.0212	ND	103		70-130			
Dichlorodifluoromethane (Freon 12)	0.0172	0.021	mg/Kg dry	0.0212	ND	81.1		70-130			
1,1-Dichloroethane	0.0184	0.0021	mg/Kg dry	0.0212	ND	86.6		70-130			
1,2-Dichloroethane	0.0199	0.0021	mg/Kg dry	0.0212	ND	93.7		70-130			
1,1-Dichloroethylene	0.0208	0.0042	mg/Kg dry	0.0212	ND	98.0		70-130			
cis-1,2-Dichloroethylene	0.0184	0.0021	mg/Kg dry	0.0212	ND	86.4		70-130			
trans-1,2-Dichloroethylene	0.0195	0.0021	mg/Kg dry	0.0212	ND	92.0		70-130			
1,2-Dichloropropane	0.0181	0.0021	mg/Kg dry	0.0212	ND	85.4		70-130			
1,3-Dichloropropane	0.0181	0.0011	mg/Kg dry	0.0212	ND	85.2		70-130			
2,2-Dichloropropane	0.0226	0.0021	mg/Kg dry	0.0212	ND	106		70-130			
1,1-Dichloropropene	0.0194	0.0021	mg/Kg dry	0.0212	ND	91.2		70-130			
cis-1,3-Dichloropropene	0.0194	0.0021	mg/Kg dry	0.0212	ND	91.5		70-130			
trans-1,3-Dichloropropene	0.0177	0.0042	mg/Kg dry	0.0212	ND	83.4		70-130			
Ethylbenzene	0.0195	0.0021	mg/Kg dry	0.0212	ND	91.7		70-130			
Hexachlorobutadiene	0.0109	0.0021	mg/Kg dry	0.0212	ND	**51.2**	*	70-130			MS-07A
2-Hexanone (MBK)	0.172	0.021	mg/Kg dry	0.212	ND	81.0		70-130			
Isopropylbenzene (Cumene)	0.0176	0.0042	mg/Kg dry	0.0212	ND	82.8		70-130			
p-Isopropyltoluene (p-Cymene)	0.0179	0.0021	mg/Kg dry	0.0212	ND	84.2		70-130			
Methyl tert-Butyl Ether (MTBE)	0.0182	0.0042	mg/Kg dry	0.0212	ND	85.9		70-130			
Methylene Chloride	0.0193	0.021	mg/Kg dry	0.0212	0.00359	74.0		70-130			
4-Methyl-2-pentanone (MIBK)	0.179	0.021	mg/Kg dry	0.212	ND	84.0		70-130			
Naphthalene	0.0148	0.0042	mg/Kg dry	0.0212	0.00618	**40.7**	*	70-130			MS-23
n-Propylbenzene	0.0186	0.0021	mg/Kg dry	0.0212	ND	87.7		70-130			
Styrene	0.0188	0.0021	mg/Kg dry	0.0212	ND	88.5		70-130			
1,1,1,2-Tetrachloroethane	0.0194	0.0021	mg/Kg dry	0.0212	ND	91.2		70-130			
1,1,2,2-Tetrachloroethane	0.0171	0.0011	mg/Kg dry	0.0212	ND	80.4		70-130			
Tetrachloroethylene	0.0193	0.0021	mg/Kg dry	0.0212	ND	90.8		70-130			
Tetrahydrofuran	0.0277	0.011	mg/Kg dry	0.0212	ND	130		70-130			V-16
Toluene	0.0187	0.0021	mg/Kg dry	0.0212	ND	88.2		70-130			
1,2,3-Trichlorobenzene	0.0123	0.0021	mg/Kg dry	0.0212	ND	**57.8**	*	70-130			MS-24
1,2,4-Trichlorobenzene	0.0130	0.0021	mg/Kg dry	0.0212	ND	**61.4**	*	70-130			MS-24
1,1,1-Trichloroethane	0.0208	0.0021	mg/Kg dry	0.0212	ND	97.7		70-130			
1,1,2-Trichloroethane	0.0182	0.0021	mg/Kg dry	0.0212	ND	85.5		70-130			
Trichloroethylene	0.0197	0.0021	mg/Kg dry	0.0212	ND	92.7		70-130			
Trichlorofluoromethane (Freon 11)	0.0210	0.011	mg/Kg dry	0.0212	ND	98.7		70-130			
1,2,3-Trichloropropane	0.0182	0.0021	mg/Kg dry	0.0212	ND	85.5		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0225	0.011	mg/Kg dry	0.0212	ND	106		70-130			
1,2,4-Trimethylbenzene	0.0195	0.0021	mg/Kg dry	0.0212	ND	91.9		70-130			
1,3,5-Trimethylbenzene	0.0188	0.0021	mg/Kg dry	0.0212	ND	88.4		70-130			
Vinyl Chloride	0.0187	0.011	mg/Kg dry	0.0212	ND	88.0		70-130			
m+p Xylene	0.0378	0.0042	mg/Kg dry	0.0425	ND	89.0		70-130			
o-Xylene	0.0189	0.0021	mg/Kg dry	0.0212	ND	89.2		70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0518*		mg/Kg dry	0.0531		97.6		70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B023327 - SW-846 5035											
Matrix Spike (B023327-MS1)		**Source: 10L0090-04**		Prepared & Analyzed: 12/07/10							
Surrogate: Toluene-d8	*0.0531*		mg/Kg dry	0.0531		100		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0544*		mg/Kg dry	0.0531		102		70-130			
Matrix Spike Dup (B023327-MSD1)		**Source: 10L0090-04**		Prepared & Analyzed: 12/07/10							
Acetone	0.249	0.097	mg/Kg dry	0.195	ND	128		70-130	26.5	30	V-16
Acrylonitrile	0.0231	0.0058	mg/Kg dry	0.0195	ND	119		70-130	17.4	30	V-16
Benzene	0.0177	0.0019	mg/Kg dry	0.0195	ND	91.0		70-130	6.14	30	
Bromobenzene	0.0200	0.0019	mg/Kg dry	0.0195	ND	103		70-130	6.50	30	
Bromodichloromethane	0.0187	0.0019	mg/Kg dry	0.0195	ND	96.0		70-130	3.90	30	
Bromoform	0.0235	0.0019	mg/Kg dry	0.0195	ND	121		70-130	19.2	30	
Bromomethane	0.0177	0.0097	mg/Kg dry	0.0195	ND	90.7		70-130	0.171	30	
2-Butanone (MEK)	0.219	0.039	mg/Kg dry	0.195	ND	113		70-130	16.5	30	V-16
n-Butylbenzene	0.0178	0.0039	mg/Kg dry	0.0195	ND	91.5		70-130	13.6	30	
sec-Butylbenzene	0.0189	0.0019	mg/Kg dry	0.0195	ND	97.2		70-130	6.73	30	
tert-Butylbenzene	0.0194	0.0019	mg/Kg dry	0.0195	ND	99.5		70-130	6.93	30	
Carbon Disulfide	0.189	0.0058	mg/Kg dry	0.195	ND	97.1		70-130	10.2	30	
Carbon Tetrachloride	0.0168	0.0039	mg/Kg dry	0.0195	ND	86.5		70-130	14.1	30	
Chlorobenzene	0.0196	0.0019	mg/Kg dry	0.0195	ND	100		70-130	2.11	30	
Chlorodibromomethane	0.0193	0.0039	mg/Kg dry	0.0195	ND	99.1		70-130	10.4	30	
Chloroethane	0.0183	0.019	mg/Kg dry	0.0195	ND	93.9		70-130	3.45	30	
Chloroform	0.0187	0.0039	mg/Kg dry	0.0195	ND	95.8		70-130	8.17	30	
Chloromethane	0.0172	0.0097	mg/Kg dry	0.0195	ND	88.3		70-130	0.0720	30	
2-Chlorotoluene	0.0189	0.0019	mg/Kg dry	0.0195	ND	97.1		70-130	0.347	30	
4-Chlorotoluene	0.0195	0.0019	mg/Kg dry	0.0195	ND	99.9		70-130	3.42	30	
1,2-Dibromo-3-chloropropane (DBCP)	0.0264	0.0019	mg/Kg dry	0.0195	ND	**136**	*	70-130	20.3	30	MS-24
1,2-Dibromoethane (EDB)	0.0191	0.00097	mg/Kg dry	0.0195	ND	98.3		70-130	6.42	30	
Dibromomethane	0.0191	0.0019	mg/Kg dry	0.0195	ND	98.1		70-130	0.810	30	
1,2-Dichlorobenzene	0.0218	0.0019	mg/Kg dry	0.0195	ND	112		70-130	18.3	30	
1,3-Dichlorobenzene	0.0215	0.0019	mg/Kg dry	0.0195	ND	110		70-130	13.4	30	
1,4-Dichlorobenzene	0.0212	0.0019	mg/Kg dry	0.0195	ND	109		70-130	13.7	30	
trans-1,4-Dichloro-2-butene	0.0268	0.0039	mg/Kg dry	0.0195	ND	**138**	*	70-130	20.0	30	MS-24
Dichlorodifluoromethane (Freon 12)	0.0147	0.019	mg/Kg dry	0.0195	ND	75.7		70-130	15.6	30	
1,1-Dichloroethane	0.0174	0.0019	mg/Kg dry	0.0195	ND	89.5		70-130	5.41	30	
1,2-Dichloroethane	0.0191	0.0019	mg/Kg dry	0.0195	ND	98.0		70-130	4.21	30	
1,1-Dichloroethylene	0.0183	0.0039	mg/Kg dry	0.0195	ND	94.0		70-130	12.9	30	
cis-1,2-Dichloroethylene	0.0177	0.0019	mg/Kg dry	0.0195	ND	90.7		70-130	3.84	30	
trans-1,2-Dichloroethylene	0.0179	0.0019	mg/Kg dry	0.0195	ND	91.8		70-130	8.91	30	
1,2-Dichloropropane	0.0169	0.0019	mg/Kg dry	0.0195	ND	86.9		70-130	6.96	30	
1,3-Dichloropropane	0.0194	0.00097	mg/Kg dry	0.0195	ND	99.6		70-130	6.91	30	
2,2-Dichloropropane	0.0201	0.0019	mg/Kg dry	0.0195	ND	103		70-130	11.6	30	
1,1-Dichloropropene	0.0169	0.0019	mg/Kg dry	0.0195	ND	86.6		70-130	13.9	30	
cis-1,3-Dichloropropene	0.0189	0.0019	mg/Kg dry	0.0195	ND	97.0		70-130	2.86	30	
trans-1,3-Dichloropropene	0.0187	0.0039	mg/Kg dry	0.0195	ND	96.2		70-130	5.58	30	
Ethylbenzene	0.0183	0.0019	mg/Kg dry	0.0195	ND	94.0		70-130	6.22	30	
Hexachlorobutadiene	0.0135	0.0019	mg/Kg dry	0.0195	ND	**69.5**	*	70-130	21.8	30	MS-07A
2-Hexanone (MBK)	0.212	0.019	mg/Kg dry	0.195	ND	109		70-130	20.9	30	
Isopropylbenzene (Cumene)	0.0174	0.0039	mg/Kg dry	0.0195	ND	89.2		70-130	1.26	30	
p-Isopropyltoluene (p-Cymene)	0.0192	0.0019	mg/Kg dry	0.0195	ND	98.6		70-130	7.08	30	
Methyl tert-Butyl Ether (MTBE)	0.0200	0.0039	mg/Kg dry	0.0195	ND	103		70-130	9.35	30	
Methylene Chloride	0.0245	0.019	mg/Kg dry	0.0195	0.00359	107		70-130	23.5	30	
4-Methyl-2-pentanone (MIBK)	0.213	0.019	mg/Kg dry	0.195	ND	110		70-130	17.8	30	
Naphthalene	0.0214	0.0039	mg/Kg dry	0.0195	0.00618	78.3		70-130	**36.4**	* 30	R-06

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023327 - SW-846 5035										
Matrix Spike Dup (B023327-MSD1)	**Source: 10L0090-04**			Prepared & Analyzed: 12/07/10						
n-Propylbenzene	0.0184	0.0019	mg/Kg dry	0.0195	ND	94.5	70-130	1.23	30	
Styrene	0.0203	0.0019	mg/Kg dry	0.0195	ND	104	70-130	7.72	30	
1,1,1,2-Tetrachloroethane	0.0207	0.0019	mg/Kg dry	0.0195	ND	106	70-130	6.43	30	
1,1,2,2-Tetrachloroethane	0.0205	0.00097	mg/Kg dry	0.0195	ND	105	70-130	18.0	30	
Tetrachloroethylene	0.0161	0.0019	mg/Kg dry	0.0195	ND	82.9	70-130	17.8	30	
Tetrahydrofuran	0.0244	0.0097	mg/Kg dry	0.0195	ND	125	70-130	12.8	30	V-16
Toluene	0.0164	0.0019	mg/Kg dry	0.0195	ND	84.2	70-130	13.3	30	
1,2,3-Trichlorobenzene	0.0160	0.0019	mg/Kg dry	0.0195	ND	82.1	70-130	26.2	30	
1,2,4-Trichlorobenzene	0.0162	0.0019	mg/Kg dry	0.0195	ND	83.4	70-130	21.8	30	
1,1,1-Trichloroethane	0.0182	0.0019	mg/Kg dry	0.0195	ND	93.4	70-130	13.2	30	
1,1,2-Trichloroethane	0.0194	0.0019	mg/Kg dry	0.0195	ND	99.6	70-130	6.56	30	
Trichloroethylene	0.0176	0.0019	mg/Kg dry	0.0195	ND	90.3	70-130	11.3	30	
Trichlorofluoromethane (Freon 11)	0.0184	0.0097	mg/Kg dry	0.0195	ND	94.5	70-130	13.0	30	
1,2,3-Trichloropropane	0.0216	0.0019	mg/Kg dry	0.0195	ND	111	70-130	17.3	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0199	0.0097	mg/Kg dry	0.0195	ND	102	70-130	12.1	30	
1,2,4-Trimethylbenzene	0.0207	0.0019	mg/Kg dry	0.0195	ND	106	70-130	5.67	30	
1,3,5-Trimethylbenzene	0.0186	0.0019	mg/Kg dry	0.0195	ND	95.7	70-130	0.766	30	
Vinyl Chloride	0.0177	0.0097	mg/Kg dry	0.0195	ND	91.1	70-130	5.24	30	
m+p Xylene	0.0365	0.0039	mg/Kg dry	0.0389	ND	93.7	70-130	3.50	30	
o-Xylene	0.0188	0.0019	mg/Kg dry	0.0195	ND	96.6	70-130	0.731	30	
Surrogate: 1,2-Dichloroethane-d4	*0.0510*		mg/Kg dry	0.0487		105	70-130			
Surrogate: Toluene-d8	*0.0466*		mg/Kg dry	0.0487		95.6	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0479*		mg/Kg dry	0.0487		98.4	70-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023195 - SW-846 3546										
Blank (B023195-BLK1)				Prepared: 12/03/10 Analyzed: 12/04/10						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							V-04
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.66	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							L-04
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.66	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							V-04
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.66	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.66	mg/Kg wet							
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
2-Nitroaniline	ND	0.34	mg/Kg wet							
3-Nitroaniline	ND	0.34	mg/Kg wet							
4-Nitroaniline	ND	0.34	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B023195 - SW-846 3546												
Blank (B023195-BLK1)				Prepared: 12/03/10 Analyzed: 12/04/10								
4-Nitrophenol	ND	0.66	mg/Kg wet									
N-Nitrosodiphenylamine	ND	0.34	mg/Kg wet									
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet									
Pentachloronitrobenzene	ND	0.34	mg/Kg wet								V-16	
Pentachlorophenol	ND	0.34	mg/Kg wet									
Phenanthrene	ND	0.17	mg/Kg wet									
Phenol	ND	0.34	mg/Kg wet									
Pyrene	ND	0.17	mg/Kg wet									
Pyridine	ND	0.34	mg/Kg wet									
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet									
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet									
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet									
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet									
Surrogate: 2-Fluorophenol	*4.97*		mg/Kg wet	6.67		74.5		30-130				
Surrogate: Phenol-d6	*5.20*		mg/Kg wet	6.67		78.0		30-130				
Surrogate: Nitrobenzene-d5	*2.19*		mg/Kg wet	3.33		65.6		30-130				
Surrogate: 2-Fluorobiphenyl	*2.35*		mg/Kg wet	3.33		70.5		30-130				
Surrogate: 2,4,6-Tribromophenol	*4.63*		mg/Kg wet	6.67		69.4		30-130				
Surrogate: Terphenyl-d14	*2.45*		mg/Kg wet	3.33		73.5		30-130				
LCS (B023195-BS1)				Prepared: 12/03/10 Analyzed: 12/04/10								
Acenaphthene	1.03	0.17	mg/Kg wet	1.67		61.7		40-140				
Acenaphthylene	1.02	0.17	mg/Kg wet	1.67		61.0		40-140				
Aniline	0.888	0.34	mg/Kg wet	1.67		53.3		40-140				†
Anthracene	1.09	0.17	mg/Kg wet	1.67		65.4		40-140				
Benzo(a)anthracene	1.08	0.17	mg/Kg wet	1.67		64.7		40-140				
Benzo(a)pyrene	1.17	0.17	mg/Kg wet	1.67		70.2		40-140				
Benzo(b)fluoranthene	1.11	0.17	mg/Kg wet	1.67		66.5		40-140				
Benzo(g,h,i)perylene	1.17	0.17	mg/Kg wet	1.67		70.2		40-140				
Benzo(k)fluoranthene	1.15	0.17	mg/Kg wet	1.67		69.1		40-140				
Bis(2-chloroethoxy)methane	1.20	0.34	mg/Kg wet	1.67		72.2		40-140				
Bis(2-chloroethyl)ether	1.27	0.34	mg/Kg wet	1.67		76.1		40-140				
Bis(2-chloroisopropyl)ether	0.697	0.34	mg/Kg wet	1.67		41.8		40-140			V-04	
Bis(2-Ethylhexyl)phthalate	1.82	0.34	mg/Kg wet	1.67		109		40-140				
4-Bromophenylphenylether	1.21	0.34	mg/Kg wet	1.67		72.6		40-140				
Butylbenzylphthalate	1.31	0.66	mg/Kg wet	1.67		78.3		40-140				
Carbazole	1.15	0.17	mg/Kg wet	1.67		69.0		40-140				
4-Chloroaniline	0.534	0.66	mg/Kg wet	1.67		**32.0**	*	40-140			L-04	†
4-Chloro-3-methylphenol	1.03	0.66	mg/Kg wet	1.67		61.5		30-130				
2-Chloronaphthalene	1.11	0.34	mg/Kg wet	1.67		66.8		40-140				
2-Chlorophenol	1.24	0.34	mg/Kg wet	1.67		74.3		30-130				
4-Chlorophenylphenylether	1.27	0.34	mg/Kg wet	1.67		76.4		40-140				
Chrysene	1.09	0.17	mg/Kg wet	1.67		65.1		40-140				
Dibenz(a,h)anthracene	1.22	0.17	mg/Kg wet	1.67		73.3		40-140				
Dibenzofuran	1.24	0.34	mg/Kg wet	1.67		74.3		40-140				
Di-n-butylphthalate	1.45	0.34	mg/Kg wet	1.67		86.7		40-140				
3,3-Dichlorobenzidine	1.12	0.17	mg/Kg wet	1.67		67.2		40-140				†
2,4-Dichlorophenol	1.21	0.34	mg/Kg wet	1.67		72.4		30-130				
Diethylphthalate	1.32	0.34	mg/Kg wet	1.67		79.0		40-140				
2,4-Dimethylphenol	1.23	0.34	mg/Kg wet	1.67		73.5		30-130				
Dimethylphthalate	1.32	0.66	mg/Kg wet	1.67		79.4		40-140				
4,6-Dinitro-2-methylphenol	1.02	0.34	mg/Kg wet	1.67		61.3		30-130				

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023195 - SW-846 3546										
LCS (B023195-BS1)				Prepared: 12/03/10 Analyzed: 12/04/10						
2,4-Dinitrophenol	0.642	0.66	mg/Kg wet	1.67		38.5	30-130			V-04
2,4-Dinitrotoluene	1.32	0.34	mg/Kg wet	1.67		79.4	40-140			
2,6-Dinitrotoluene	1.32	0.34	mg/Kg wet	1.67		79.4	40-140			
Di-n-octylphthalate	1.44	0.66	mg/Kg wet	1.67		86.2	40-140			
Fluoranthene	1.12	0.17	mg/Kg wet	1.67		67.1	40-140			
Fluorene	1.05	0.17	mg/Kg wet	1.67		63.0	40-140			
Hexachlorobenzene	1.24	0.34	mg/Kg wet	1.67		74.2	40-140			
Hexachlorobutadiene	1.08	0.34	mg/Kg wet	1.67		64.6	40-140			
Hexachlorocyclopentadiene	0.920	0.66	mg/Kg wet	1.67		55.2	30-140			
Hexachloroethane	1.09	0.34	mg/Kg wet	1.67		65.4	40-140			
Indeno(1,2,3-cd)pyrene	1.29	0.17	mg/Kg wet	1.67		77.6	40-140			
Isophorone	1.13	0.34	mg/Kg wet	1.67		67.6	40-140			
2-Methylnaphthalene	0.990	0.17	mg/Kg wet	1.67		59.4	40-140			
2-Methylphenol	1.42	0.34	mg/Kg wet	1.67		85.2	30-130			
3/4-Methylphenol	1.31	0.34	mg/Kg wet	1.67		78.6	30-130			
Naphthalene	0.981	0.17	mg/Kg wet	1.67		58.8	40-140			
2-Nitroaniline	1.17	0.34	mg/Kg wet	1.67		70.3	40-140			
3-Nitroaniline	0.908	0.34	mg/Kg wet	1.67		54.5	40-140			†
4-Nitroaniline	1.38	0.34	mg/Kg wet	1.67		82.7	40-140			
Nitrobenzene	1.11	0.34	mg/Kg wet	1.67		66.5	40-140			
2-Nitrophenol	1.20	0.34	mg/Kg wet	1.67		72.2	30-130			
4-Nitrophenol	1.24	0.66	mg/Kg wet	1.67		74.2	10-130			
N-Nitrosodiphenylamine	1.38	0.34	mg/Kg wet	1.67		83.1	40-140			
N-Nitrosodi-n-propylamine	1.26	0.34	mg/Kg wet	1.67		75.8	40-140			
Pentachloronitrobenzene	0.721	0.34	mg/Kg wet	0.833		86.6	40-140			V-16
Pentachlorophenol	0.621	0.34	mg/Kg wet	1.67		37.3	30-130			
Phenanthrene	1.07	0.17	mg/Kg wet	1.67		64.3	40-140			
Phenol	1.33	0.34	mg/Kg wet	1.67		79.9	20-130			
Pyrene	1.05	0.17	mg/Kg wet	1.67		62.8	40-140			
Pyridine	0.756	0.34	mg/Kg wet	1.67		45.4	10-140			†
1,2,4,5-Tetrachlorobenzene	0.639	0.34	mg/Kg wet	0.833		76.6	40-140			
1,2,4-Trichlorobenzene	1.19	0.34	mg/Kg wet	1.67		71.1	40-140			
2,4,5-Trichlorophenol	1.28	0.34	mg/Kg wet	1.67		76.6	30-130			
2,4,6-Trichlorophenol	1.23	0.34	mg/Kg wet	1.67		73.9	30-130			
Surrogate: 2-Fluorophenol	*4.76*		mg/Kg wet	6.67		71.4	30-130			
Surrogate: Phenol-d6	*5.13*		mg/Kg wet	6.67		76.9	30-130			
Surrogate: Nitrobenzene-d5	*2.26*		mg/Kg wet	3.33		67.8	30-130			
Surrogate: 2-Fluorobiphenyl	*2.57*		mg/Kg wet	3.33		77.2	30-130			
Surrogate: 2,4,6-Tribromophenol	*5.72*		mg/Kg wet	6.67		85.8	30-130			
Surrogate: Terphenyl-d14	*2.59*		mg/Kg wet	3.33		77.8	30-130			
LCS Dup (B023195-BSD1)				Prepared: 12/03/10 Analyzed: 12/04/10						
Acenaphthene	0.929	0.17	mg/Kg wet	1.67		55.7	40-140	10.1	20	
Acenaphthylene	0.913	0.17	mg/Kg wet	1.67		54.8	40-140	10.7	20	
Aniline	0.907	0.34	mg/Kg wet	1.67		54.4	40-140	2.08	50	† ‡
Anthracene	0.996	0.17	mg/Kg wet	1.67		59.8	40-140	8.95	20	
Benzo(a)anthracene	0.995	0.17	mg/Kg wet	1.67		59.7	40-140	7.97	20	
Benzo(a)pyrene	1.06	0.17	mg/Kg wet	1.67		63.3	40-140	10.3	20	
Benzo(b)fluoranthene	0.997	0.17	mg/Kg wet	1.67		59.8	40-140	10.5	20	
Benzo(g,h,i)perylene	1.15	0.17	mg/Kg wet	1.67		69.2	40-140	1.44	20	
Benzo(k)fluoranthene	1.02	0.17	mg/Kg wet	1.67		61.1	40-140	12.3	20	
Bis(2-chloroethoxy)methane	1.10	0.34	mg/Kg wet	1.67		65.8	40-140	9.30	20	

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B023195 - SW-846 3546												
LCS Dup (B023195-BSD1)				Prepared: 12/03/10 Analyzed: 12/04/10								
Bis(2-chloroethyl)ether	1.13	0.34	mg/Kg wet	1.67		67.7		40-140	11.7	20		
Bis(2-chloroisopropyl)ether	0.646	0.34	mg/Kg wet	1.67		**38.8**	*	40-140	7.59	20	L-07, V-04	
Bis(2-Ethylhexyl)phthalate	1.80	0.34	mg/Kg wet	1.67		108		40-140	1.22	20		
4-Bromophenylphenylether	1.17	0.34	mg/Kg wet	1.67		70.1		40-140	3.50	20		
Butylbenzylphthalate	1.29	0.66	mg/Kg wet	1.67		77.5		40-140	1.10	20		
Carbazole	1.04	0.17	mg/Kg wet	1.67		62.3		40-140	10.2	20		
4-Chloroaniline	0.522	0.66	mg/Kg wet	1.67		**31.3**	*	40-140	2.27	20	L-04	†
4-Chloro-3-methylphenol	1.11	0.66	mg/Kg wet	1.67		66.5		30-130	7.78	20		
2-Chloronaphthalene	0.943	0.34	mg/Kg wet	1.67		56.6		40-140	16.6	20		
2-Chlorophenol	1.15	0.34	mg/Kg wet	1.67		68.8		30-130	7.68	20		
4-Chlorophenylphenylether	1.18	0.34	mg/Kg wet	1.67		71.0		40-140	7.27	20		
Chrysene	0.985	0.17	mg/Kg wet	1.67		59.1		40-140	9.72	20		
Dibenz(a,h)anthracene	1.27	0.17	mg/Kg wet	1.67		76.3		40-140	3.96	20		
Dibenzofuran	1.14	0.34	mg/Kg wet	1.67		68.7		40-140	7.91	20		
Di-n-butylphthalate	1.30	0.34	mg/Kg wet	1.67		78.1		40-140	10.5	20		
3,3-Dichlorobenzidine	1.05	0.17	mg/Kg wet	1.67		63.2		40-140	6.08	20		† ‡
2,4-Dichlorophenol	1.15	0.34	mg/Kg wet	1.67		68.9		30-130	4.92	20		
Diethylphthalate	1.24	0.34	mg/Kg wet	1.67		74.7		40-140	5.67	20		
2,4-Dimethylphenol	1.14	0.34	mg/Kg wet	1.67		68.6		30-130	6.95	20		
Dimethylphthalate	1.23	0.66	mg/Kg wet	1.67		73.5		40-140	7.74	50		
4,6-Dinitro-2-methylphenol	1.01	0.34	mg/Kg wet	1.67		60.5		30-130	1.41	50		
2,4-Dinitrophenol	0.621	0.66	mg/Kg wet	1.67		37.3		30-130	3.32	50	V-04	
2,4-Dinitrotoluene	1.22	0.34	mg/Kg wet	1.67		73.5		40-140	7.77	20		
2,6-Dinitrotoluene	1.23	0.34	mg/Kg wet	1.67		73.8		40-140	7.31	20		
Di-n-octylphthalate	1.34	0.66	mg/Kg wet	1.67		80.1		40-140	7.36	20		
Fluoranthene	1.04	0.17	mg/Kg wet	1.67		62.6		40-140	6.94	20		
Fluorene	0.989	0.17	mg/Kg wet	1.67		59.3		40-140	5.95	20		
Hexachlorobenzene	1.17	0.34	mg/Kg wet	1.67		70.0		40-140	5.88	20		
Hexachlorobutadiene	0.932	0.34	mg/Kg wet	1.67		55.9		40-140	14.4	20		
Hexachlorocyclopentadiene	0.715	0.66	mg/Kg wet	1.67		42.9		30-140	25.0	50		
Hexachloroethane	1.02	0.34	mg/Kg wet	1.67		61.0		40-140	6.96	50		
Indeno(1,2,3-cd)pyrene	1.27	0.17	mg/Kg wet	1.67		76.0		40-140	2.16	50		
Isophorone	1.07	0.34	mg/Kg wet	1.67		63.9		40-140	5.66	20		
2-Methylnaphthalene	0.945	0.17	mg/Kg wet	1.67		56.7		40-140	4.62	20		
2-Methylphenol	1.29	0.34	mg/Kg wet	1.67		77.2		30-130	9.88	20		
3/4-Methylphenol	1.24	0.34	mg/Kg wet	1.67		74.2		30-130	5.78	20		
Naphthalene	0.876	0.17	mg/Kg wet	1.67		52.6		40-140	11.3	20		
2-Nitroaniline	1.13	0.34	mg/Kg wet	1.67		67.6		40-140	3.91	20		
3-Nitroaniline	0.922	0.34	mg/Kg wet	1.67		55.3		40-140	1.57	20		†
4-Nitroaniline	1.25	0.34	mg/Kg wet	1.67		75.0		40-140	9.76	20		
Nitrobenzene	0.987	0.34	mg/Kg wet	1.67		59.2		40-140	11.6	20		
2-Nitrophenol	1.09	0.34	mg/Kg wet	1.67		65.1		30-130	10.4	20		
4-Nitrophenol	1.11	0.66	mg/Kg wet	1.67		66.7		10-130	10.6	50		‡
N-Nitrosodiphenylamine	1.37	0.34	mg/Kg wet	1.67		82.2		40-140	1.09	20		
N-Nitrosodi-n-propylamine	1.20	0.34	mg/Kg wet	1.67		71.7		40-140	5.58	20		
Pentachloronitrobenzene	0.664	0.34	mg/Kg wet	0.833		79.6		40-140	8.33	20	V-16	
Pentachlorophenol	0.580	0.34	mg/Kg wet	1.67		34.8		30-130	6.77	50		
Phenanthrene	0.980	0.17	mg/Kg wet	1.67		58.8		40-140	8.87	20		
Phenol	1.26	0.34	mg/Kg wet	1.67		75.6		20-130	5.50	20		
Pyrene	0.901	0.17	mg/Kg wet	1.67		54.0		40-140	15.0	20		
Pyridine	0.743	0.34	mg/Kg wet	1.67		44.6		10-140	1.73	50		†
1,2,4,5-Tetrachlorobenzene	0.527	0.34	mg/Kg wet	0.833		63.2		40-140	19.2	20		

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023195 - SW-846 3546										
LCS Dup (B023195-BSD1)				Prepared: 12/03/10 Analyzed: 12/04/10						
1,2,4-Trichlorobenzene	1.05	0.34	mg/Kg wet	1.67		63.1	40-140	12.0	20	
2,4,5-Trichlorophenol	1.19	0.34	mg/Kg wet	1.67		71.4	30-130	7.00	20	
2,4,6-Trichlorophenol	1.10	0.34	mg/Kg wet	1.67		66.2	30-130	10.9	50	
Surrogate: 2-Fluorophenol	*4.33*		mg/Kg wet	6.67		64.9	30-130			
Surrogate: Phenol-d6	*4.76*		mg/Kg wet	6.67		71.4	30-130			
Surrogate: Nitrobenzene-d5	*2.02*		mg/Kg wet	3.33		60.7	30-130			
Surrogate: 2-Fluorobiphenyl	*2.15*		mg/Kg wet	3.33		64.5	30-130			
Surrogate: 2,4,6-Tribromophenol	*5.24*		mg/Kg wet	6.67		78.6	30-130			
Surrogate: Terphenyl-d14	*2.34*		mg/Kg wet	3.33		70.2	30-130			
Batch B023212 - SW-846 3546										
Blank (B023212-BLK1)				Prepared: 12/06/10 Analyzed: 12/08/10						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							V-04
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.66	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							L-04
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.66	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							V-04
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.66	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.66	mg/Kg wet							

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B023212 - SW-846 3546												
Blank (B023212-BLK1)				Prepared: 12/06/10 Analyzed: 12/08/10								
Hexachloroethane	ND	0.34	mg/Kg wet									
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet									
Isophorone	ND	0.34	mg/Kg wet									
2-Methylnaphthalene	ND	0.17	mg/Kg wet									
2-Methylphenol	ND	0.34	mg/Kg wet								R-05	
3/4-Methylphenol	ND	0.34	mg/Kg wet								R-05	
Naphthalene	ND	0.17	mg/Kg wet									
2-Nitroaniline	ND	0.34	mg/Kg wet									
3-Nitroaniline	ND	0.34	mg/Kg wet								R-05	
4-Nitroaniline	ND	0.34	mg/Kg wet									
Nitrobenzene	ND	0.34	mg/Kg wet									
2-Nitrophenol	ND	0.34	mg/Kg wet									
4-Nitrophenol	ND	0.66	mg/Kg wet									
N-Nitrosodiphenylamine	ND	0.34	mg/Kg wet									
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet									
Pentachloronitrobenzene	ND	0.34	mg/Kg wet								V-16	
Pentachlorophenol	ND	0.34	mg/Kg wet									
Phenanthrene	ND	0.17	mg/Kg wet									
Phenol	ND	0.34	mg/Kg wet									
Pyrene	ND	0.17	mg/Kg wet									
Pyridine	ND	0.34	mg/Kg wet									
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet									
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet									
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet									
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet									
Surrogate: 2-Fluorophenol	*6.70*		mg/Kg wet	6.67		100		30-130				
Surrogate: Phenol-d6	*6.69*		mg/Kg wet	6.67		100		30-130				
Surrogate: Nitrobenzene-d5	*2.69*		mg/Kg wet	3.33		80.8		30-130				
Surrogate: 2-Fluorobiphenyl	*2.88*		mg/Kg wet	3.33		86.4		30-130				
Surrogate: 2,4,6-Tribromophenol	*8.72*		mg/Kg wet	6.67		**131**	*	30-130			S-07	
Surrogate: Terphenyl-d14	*4.09*		mg/Kg wet	3.33		123		30-130				
LCS (B023212-BS1)				Prepared: 12/06/10 Analyzed: 12/08/10								
Acenaphthene	1.24	0.17	mg/Kg wet	1.67		74.3		40-140				
Acenaphthylene	1.21	0.17	mg/Kg wet	1.67		72.4		40-140				
Aniline	1.02	0.34	mg/Kg wet	1.67		61.1		40-140				†
Anthracene	1.32	0.17	mg/Kg wet	1.67		79.0		40-140				
Benzo(a)anthracene	1.41	0.17	mg/Kg wet	1.67		84.8		40-140				
Benzo(a)pyrene	1.47	0.17	mg/Kg wet	1.67		88.2		40-140				
Benzo(b)fluoranthene	1.43	0.17	mg/Kg wet	1.67		85.6		40-140				
Benzo(g,h,i)perylene	1.71	0.17	mg/Kg wet	1.67		103		40-140				
Benzo(k)fluoranthene	1.41	0.17	mg/Kg wet	1.67		84.8		40-140				
Bis(2-chloroethoxy)methane	1.47	0.34	mg/Kg wet	1.67		88.0		40-140				
Bis(2-chloroethyl)ether	1.41	0.34	mg/Kg wet	1.67		84.6		40-140				
Bis(2-chloroisopropyl)ether	0.574	0.34	mg/Kg wet	1.67		**34.4**	*	40-140			L-07, V-04	
Bis(2-Ethylhexyl)phthalate	1.86	0.34	mg/Kg wet	1.67		111		40-140				
4-Bromophenylphenylether	1.61	0.34	mg/Kg wet	1.67		96.5		40-140				
Butylbenzylphthalate	1.80	0.66	mg/Kg wet	1.67		108		40-140				
Carbazole	1.37	0.17	mg/Kg wet	1.67		82.4		40-140				
4-Chloroaniline	0.645	0.66	mg/Kg wet	1.67		**38.7**	*	40-140			L-04	†
4-Chloro-3-methylphenol	1.40	0.66	mg/Kg wet	1.67		84.2		30-130				
2-Chloronaphthalene	1.28	0.34	mg/Kg wet	1.67		77.0		40-140				

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023212 - SW-846 3546											
LCS (B023212-BS1)				Prepared: 12/06/10 Analyzed: 12/08/10							
2-Chlorophenol	1.49	0.34	mg/Kg wet	1.67		89.6	30-130				
4-Chlorophenylphenylether	1.60	0.34	mg/Kg wet	1.67		95.9	40-140				
Chrysene	1.38	0.17	mg/Kg wet	1.67		82.5	40-140				
Dibenz(a,h)anthracene	1.94	0.17	mg/Kg wet	1.67		117	40-140				
Dibenzofuran	1.50	0.34	mg/Kg wet	1.67		89.9	40-140				
Di-n-butylphthalate	1.67	0.34	mg/Kg wet	1.67		100	40-140				
3,3-Dichlorobenzidine	1.30	0.17	mg/Kg wet	1.67		77.8	40-140				†
2,4-Dichlorophenol	1.61	0.34	mg/Kg wet	1.67		96.6	30-130				
Diethylphthalate	1.58	0.34	mg/Kg wet	1.67		94.6	40-140				
2,4-Dimethylphenol	1.57	0.34	mg/Kg wet	1.67		94.1	30-130				
Dimethylphthalate	1.57	0.66	mg/Kg wet	1.67		94.2	40-140				
4,6-Dinitro-2-methylphenol	1.27	0.34	mg/Kg wet	1.67		76.5	30-130				
2,4-Dinitrophenol	1.09	0.66	mg/Kg wet	1.67		65.2	30-130			V-04	
2,4-Dinitrotoluene	1.58	0.34	mg/Kg wet	1.67		94.7	40-140				
2,6-Dinitrotoluene	1.59	0.34	mg/Kg wet	1.67		95.5	40-140				
Di-n-octylphthalate	1.96	0.66	mg/Kg wet	1.67		118	40-140				
Fluoranthene	1.36	0.17	mg/Kg wet	1.67		81.7	40-140				
Fluorene	1.29	0.17	mg/Kg wet	1.67		77.4	40-140				
Hexachlorobenzene	1.60	0.34	mg/Kg wet	1.67		96.0	40-140				
Hexachlorobutadiene	1.44	0.34	mg/Kg wet	1.67		86.7	40-140				
Hexachlorocyclopentadiene	1.03	0.66	mg/Kg wet	1.67		61.7	30-140				
Hexachloroethane	1.36	0.34	mg/Kg wet	1.67		81.9	40-140				
Indeno(1,2,3-cd)pyrene	1.97	0.17	mg/Kg wet	1.67		118	40-140				
Isophorone	1.37	0.34	mg/Kg wet	1.67		82.3	40-140				
2-Methylnaphthalene	1.30	0.17	mg/Kg wet	1.67		78.2	40-140				
2-Methylphenol	1.45	0.34	mg/Kg wet	1.67		86.9	30-130			R-05	
3/4-Methylphenol	1.40	0.34	mg/Kg wet	1.67		84.2	30-130			R-05	
Naphthalene	1.22	0.17	mg/Kg wet	1.67		73.4	40-140				
2-Nitroaniline	1.22	0.34	mg/Kg wet	1.67		73.4	40-140				
3-Nitroaniline	0.948	0.34	mg/Kg wet	1.67		56.9	40-140			R-05	†
4-Nitroaniline	1.50	0.34	mg/Kg wet	1.67		90.0	40-140				
Nitrobenzene	1.30	0.34	mg/Kg wet	1.67		77.8	40-140				
2-Nitrophenol	1.54	0.34	mg/Kg wet	1.67		92.2	30-130				
4-Nitrophenol	1.38	0.66	mg/Kg wet	1.67		82.7	10-130				
N-Nitrosodiphenylamine	1.76	0.34	mg/Kg wet	1.67		105	40-140				
N-Nitrosodi-n-propylamine	1.31	0.34	mg/Kg wet	1.67		78.7	40-140				
Pentachloronitrobenzene	0.999	0.34	mg/Kg wet	0.833		120	40-140			V-16	
Pentachlorophenol	0.829	0.34	mg/Kg wet	1.67		49.7	30-130				
Phenanthrene	1.29	0.17	mg/Kg wet	1.67		77.6	40-140				
Phenol	1.49	0.34	mg/Kg wet	1.67		89.2	20-130				
Pyrene	1.42	0.17	mg/Kg wet	1.67		85.4	40-140				
Pyridine	1.24	0.34	mg/Kg wet	1.67		74.5	10-140				†
1,2,4,5-Tetrachlorobenzene	0.842	0.34	mg/Kg wet	0.833		101	40-140				
1,2,4-Trichlorobenzene	1.58	0.34	mg/Kg wet	1.67		94.9	40-140				
2,4,5-Trichlorophenol	1.59	0.34	mg/Kg wet	1.67		95.2	30-130				
2,4,6-Trichlorophenol	1.55	0.34	mg/Kg wet	1.67		93.1	30-130				
Surrogate: 2-Fluorophenol	*5.31*		mg/Kg wet	6.67		79.6	30-130				
Surrogate: Phenol-d6	*5.30*		mg/Kg wet	6.67		79.6	30-130				
Surrogate: Nitrobenzene-d5	*2.49*		mg/Kg wet	3.33		74.8	30-130				
Surrogate: 2-Fluorobiphenyl	*2.77*		mg/Kg wet	3.33		83.1	30-130				
Surrogate: 2,4,6-Tribromophenol	*7.16*		mg/Kg wet	6.67		107	30-130				
Surrogate: Terphenyl-d14	*3.44*		mg/Kg wet	3.33		103	30-130				

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes	
Batch B023212 - SW-846 3546													
LCS Dup (B023212-BSD1)				Prepared: 12/06/10 Analyzed: 12/08/10									
Acenaphthene	1.35	0.17	mg/Kg wet	1.67		81.3		40-140	8.98		20		
Acenaphthylene	1.34	0.17	mg/Kg wet	1.67		80.7		40-140	10.8		20		
Aniline	1.16	0.34	mg/Kg wet	1.67		69.7		40-140	13.1		50		† ‡
Anthracene	1.43	0.17	mg/Kg wet	1.67		86.0		40-140	8.49		20		
Benzo(a)anthracene	1.50	0.17	mg/Kg wet	1.67		89.8		40-140	5.73		20		
Benzo(a)pyrene	1.45	0.17	mg/Kg wet	1.67		87.1		40-140	1.25		20		
Benzo(b)fluoranthene	1.38	0.17	mg/Kg wet	1.67		83.0		40-140	3.01		20		
Benzo(g,h,i)perylene	1.57	0.17	mg/Kg wet	1.67		94.0		40-140	8.91		20		
Benzo(k)fluoranthene	1.38	0.17	mg/Kg wet	1.67		82.6		40-140	2.58		20		
Bis(2-chloroethoxy)methane	1.60	0.34	mg/Kg wet	1.67		95.9		40-140	8.55		20		
Bis(2-chloroethyl)ether	1.63	0.34	mg/Kg wet	1.67		97.7		40-140	14.3		20		
Bis(2-chloroisopropyl)ether	0.667	0.34	mg/Kg wet	1.67		40.0		40-140	15.0		20	V-04	
Bis(2-Ethylhexyl)phthalate	2.01	0.34	mg/Kg wet	1.67		121		40-140	8.08		20		
4-Bromophenylphenylether	1.74	0.34	mg/Kg wet	1.67		104		40-140	7.81		20		
Butylbenzylphthalate	1.94	0.66	mg/Kg wet	1.67		117		40-140	7.73		20		
Carbazole	1.54	0.17	mg/Kg wet	1.67		92.7		40-140	11.7		20		
4-Chloroaniline	0.595	0.66	mg/Kg wet	1.67		**35.7**	*	40-140	8.06		20	L-04	†
4-Chloro-3-methylphenol	1.51	0.66	mg/Kg wet	1.67		90.9		30-130	7.68		20		
2-Chloronaphthalene	1.43	0.34	mg/Kg wet	1.67		85.8		40-140	10.8		20		
2-Chlorophenol	1.76	0.34	mg/Kg wet	1.67		106		30-130	16.3		20		
4-Chlorophenylphenylether	1.74	0.34	mg/Kg wet	1.67		105		40-140	8.72		20		
Chrysene	1.46	0.17	mg/Kg wet	1.67		87.5		40-140	5.90		20		
Dibenz(a,h)anthracene	1.75	0.17	mg/Kg wet	1.67		105		40-140	10.4		20		
Dibenzofuran	1.66	0.34	mg/Kg wet	1.67		99.7		40-140	10.3		20		
Di-n-butylphthalate	1.84	0.34	mg/Kg wet	1.67		110		40-140	9.45		20		
3,3-Dichlorobenzidine	1.36	0.17	mg/Kg wet	1.67		81.9		40-140	5.16		20		† ‡
2,4-Dichlorophenol	1.76	0.34	mg/Kg wet	1.67		106		30-130	9.03		20		
Diethylphthalate	1.66	0.34	mg/Kg wet	1.67		99.4		40-140	4.99		20		
2,4-Dimethylphenol	1.72	0.34	mg/Kg wet	1.67		103		30-130	9.36		20		
Dimethylphthalate	1.67	0.66	mg/Kg wet	1.67		100		40-140	6.11		50		
4,6-Dinitro-2-methylphenol	1.39	0.34	mg/Kg wet	1.67		83.2		30-130	8.46		50		
2,4-Dinitrophenol	1.14	0.66	mg/Kg wet	1.67		68.6		30-130	5.17		50	V-04	
2,4-Dinitrotoluene	1.68	0.34	mg/Kg wet	1.67		101		40-140	6.52		20		
2,6-Dinitrotoluene	1.71	0.34	mg/Kg wet	1.67		102		40-140	6.87		20		
Di-n-octylphthalate	1.89	0.66	mg/Kg wet	1.67		114		40-140	3.63		20		
Fluoranthene	1.58	0.17	mg/Kg wet	1.67		94.6		40-140	14.6		20		
Fluorene	1.42	0.17	mg/Kg wet	1.67		85.4		40-140	9.82		20		
Hexachlorobenzene	1.75	0.34	mg/Kg wet	1.67		105		40-140	8.71		20		
Hexachlorobutadiene	1.49	0.34	mg/Kg wet	1.67		89.4		40-140	3.07		20		
Hexachlorocyclopentadiene	1.01	0.66	mg/Kg wet	1.67		60.6		30-140	1.86		50		
Hexachloroethane	1.45	0.34	mg/Kg wet	1.67		87.1		40-140	6.16		50		
Indeno(1,2,3-cd)pyrene	1.78	0.17	mg/Kg wet	1.67		107		40-140	10.5		50		
Isophorone	1.47	0.34	mg/Kg wet	1.67		88.1		40-140	6.81		20		
2-Methylnaphthalene	1.40	0.17	mg/Kg wet	1.67		84.3		40-140	7.43		20		
2-Methylphenol	1.82	0.34	mg/Kg wet	1.67		109		30-130	**22.5**	*	20	R-05	
3/4-Methylphenol	1.72	0.34	mg/Kg wet	1.67		103		30-130	**20.4**	*	20	R-05	
Naphthalene	1.33	0.17	mg/Kg wet	1.67		79.9		40-140	8.46		20		
2-Nitroaniline	1.36	0.34	mg/Kg wet	1.67		81.5		40-140	10.4		20		
3-Nitroaniline	1.17	0.34	mg/Kg wet	1.67		70.3		40-140	**21.2**	*	20	R-05	†
4-Nitroaniline	1.76	0.34	mg/Kg wet	1.67		106		40-140	15.9		20		
Nitrobenzene	1.40	0.34	mg/Kg wet	1.67		84.3		40-140	8.07		20		
2-Nitrophenol	1.69	0.34	mg/Kg wet	1.67		101		30-130	9.35		20		

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023212 - SW-846 3546											
LCS Dup (B023212-BSD1)				Prepared: 12/06/10 Analyzed: 12/08/10							
4-Nitrophenol	1.48	0.66	mg/Kg wet	1.67		89.1	10-130	7.48	50		‡
N-Nitrosodiphenylamine	1.92	0.34	mg/Kg wet	1.67		115	40-140	8.80	20		
N-Nitrosodi-n-propylamine	1.56	0.34	mg/Kg wet	1.67		93.3	40-140	17.0	20		
Pentachloronitrobenzene	1.07	0.34	mg/Kg wet	0.833		129	40-140	7.21	20	V-16	
Pentachlorophenol	0.847	0.34	mg/Kg wet	1.67		50.8	30-130	2.15	50		
Phenanthrene	1.40	0.17	mg/Kg wet	1.67		84.3	40-140	8.33	20		
Phenol	1.81	0.34	mg/Kg wet	1.67		108	20-130	19.5	20		
Pyrene	1.49	0.17	mg/Kg wet	1.67		89.1	40-140	4.31	20		
Pyridine	1.15	0.34	mg/Kg wet	1.67		68.8	10-140	8.01	50		†
1,2,4,5-Tetrachlorobenzene	0.910	0.34	mg/Kg wet	0.833		109	40-140	7.72	20		
1,2,4-Trichlorobenzene	1.67	0.34	mg/Kg wet	1.67		100	40-140	5.21	20		
2,4,5-Trichlorophenol	1.75	0.34	mg/Kg wet	1.67		105	30-130	10.0	20		
2,4,6-Trichlorophenol	1.70	0.34	mg/Kg wet	1.67		102	30-130	8.95	50		
Surrogate: 2-Fluorophenol	*6.09*		mg/Kg wet	6.67		91.4	30-130				
Surrogate: Phenol-d6	*6.30*		mg/Kg wet	6.67		94.5	30-130				
Surrogate: Nitrobenzene-d5	*2.67*		mg/Kg wet	3.33		80.0	30-130				
Surrogate: 2-Fluorobiphenyl	*3.00*		mg/Kg wet	3.33		90.0	30-130				
Surrogate: 2,4,6-Tribromophenol	*7.66*		mg/Kg wet	6.67		115	30-130				
Surrogate: Terphenyl-d14	*3.58*		mg/Kg wet	3.33		107	30-130				

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023203 - SW-846 3546										
Blank (B023203-BLK1)				Prepared: 12/03/10 Analyzed: 12/06/10						
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.207*		mg/Kg wet	0.200		104	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.209*		mg/Kg wet	0.200		105	30-150			
Surrogate: Tetrachloro-m-xylene	*0.230*		mg/Kg wet	0.200		115	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.237*		mg/Kg wet	0.200		118	30-150			
LCS (B023203-BS1)				Prepared: 12/03/10 Analyzed: 12/06/10						
Aroclor-1016	0.21	0.10	mg/Kg wet	0.200		104	40-140			
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		109	40-140			
Aroclor-1260	0.20	0.10	mg/Kg wet	0.200		101	40-140			
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200		106	40-140			
Surrogate: Decachlorobiphenyl	*0.188*		mg/Kg wet	0.200		93.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.190*		mg/Kg wet	0.200		95.2	30-150			
Surrogate: Tetrachloro-m-xylene	*0.207*		mg/Kg wet	0.200		104	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.214*		mg/Kg wet	0.200		107	30-150			
LCS Dup (B023203-BSD1)				Prepared: 12/03/10 Analyzed: 12/06/10						
Aroclor-1016	0.22	0.10	mg/Kg wet	0.200		109	40-140	5.19	30	
Aroclor-1016 [2C]	0.23	0.10	mg/Kg wet	0.200		114	40-140	4.43	30	
Aroclor-1260	0.22	0.10	mg/Kg wet	0.200		108	40-140	6.52	30	
Aroclor-1260 [2C]	0.22	0.10	mg/Kg wet	0.200		111	40-140	4.97	30	
Surrogate: Decachlorobiphenyl	*0.202*		mg/Kg wet	0.200		101	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.205*		mg/Kg wet	0.200		103	30-150			
Surrogate: Tetrachloro-m-xylene	*0.217*		mg/Kg wet	0.200		109	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.224*		mg/Kg wet	0.200		112	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B023203 - SW-846 3546											
Matrix Spike (B023203-MS1)	**Source: 10L0090-04**			Prepared: 12/03/10 Analyzed: 12/07/10							
Aroclor-1016	0.61	0.12	mg/Kg dry	0.234	ND	**260**	*	40-140			MS-21
Aroclor-1016 [2C]	0.70	0.12	mg/Kg dry	0.234	ND	**299**	*	40-140			MS-21
Aroclor-1260	0.33	0.12	mg/Kg dry	0.234	ND	139		40-140			
Aroclor-1260 [2C]	0.32	0.12	mg/Kg dry	0.234	ND	136		40-140			
Surrogate: Decachlorobiphenyl	*0.168*		mg/Kg dry	0.234		71.9		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.212*		mg/Kg dry	0.234		90.7		30-150			
Surrogate: Tetrachloro-m-xylene	*0.189*		mg/Kg dry	0.234		81.0		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.194*		mg/Kg dry	0.234		83.0		30-150			
Matrix Spike Dup (B023203-MSD1)	**Source: 10L0090-04**			Prepared: 12/03/10 Analyzed: 12/07/10							
Aroclor-1016	0.72	0.12	mg/Kg dry	0.234	ND	**310**	*	40-140	17.4	50	MS-21
Aroclor-1016 [2C]	0.81	0.12	mg/Kg dry	0.234	ND	**347**	*	40-140	14.9	50	MS-21
Aroclor-1260	0.25	0.12	mg/Kg dry	0.234	ND	107		40-140	26.2	50	
Aroclor-1260 [2C]	0.27	0.12	mg/Kg dry	0.234	ND	117		40-140	15.5	50	
Surrogate: Decachlorobiphenyl	*0.194*		mg/Kg dry	0.234		83.2		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.253*		mg/Kg dry	0.234		108		30-150			
Surrogate: Tetrachloro-m-xylene	*0.204*		mg/Kg dry	0.234		87.3		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.209*		mg/Kg dry	0.234		89.5		30-150			
Batch B023214 - SW-846 3546											
Blank (B023214-BLK1)				Prepared: 12/06/10 Analyzed: 12/07/10							
Aroclor-1016	ND	0.10	mg/Kg wet								
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1221	ND	0.10	mg/Kg wet								
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1232	ND	0.10	mg/Kg wet								
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1242	ND	0.10	mg/Kg wet								
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1248	ND	0.10	mg/Kg wet								
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1254	ND	0.10	mg/Kg wet								
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1260	ND	0.10	mg/Kg wet								
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1262	ND	0.10	mg/Kg wet								
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1268	ND	0.10	mg/Kg wet								
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet								
Surrogate: Decachlorobiphenyl	*0.191*		mg/Kg wet	0.200		95.4		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.202*		mg/Kg wet	0.200		101		30-150			
Surrogate: Tetrachloro-m-xylene	*0.235*		mg/Kg wet	0.200		118		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.240*		mg/Kg wet	0.200		120		30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023214 - SW-846 3546										
LCS (B023214-BS1)				Prepared: 12/06/10 Analyzed: 12/07/10						
Aroclor-1016	0.21	0.10	mg/Kg wet	0.200		103	40-140			
Aroclor-1016 [2C]	0.21	0.10	mg/Kg wet	0.200		107	40-140			
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200		93.8	40-140			
Aroclor-1260 [2C]	0.19	0.10	mg/Kg wet	0.200		94.0	40-140			
Surrogate: Decachlorobiphenyl	*0.167*		mg/Kg wet	0.200		83.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.180*		mg/Kg wet	0.200		90.0	30-150			
Surrogate: Tetrachloro-m-xylene	*0.210*		mg/Kg wet	0.200		105	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.216*		mg/Kg wet	0.200		108	30-150			
LCS Dup (B023214-BSD1)				Prepared: 12/06/10 Analyzed: 12/07/10						
Aroclor-1016	0.24	0.10	mg/Kg wet	0.200		120	40-140	14.7	30	
Aroclor-1016 [2C]	0.25	0.10	mg/Kg wet	0.200		124	40-140	14.1	30	
Aroclor-1260	0.22	0.10	mg/Kg wet	0.200		111	40-140	16.6	30	
Aroclor-1260 [2C]	0.22	0.10	mg/Kg wet	0.200		112	40-140	17.1	30	
Surrogate: Decachlorobiphenyl	*0.199*		mg/Kg wet	0.200		99.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.212*		mg/Kg wet	0.200		106	30-150			
Surrogate: Tetrachloro-m-xylene	*0.240*		mg/Kg wet	0.200		120	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.245*		mg/Kg wet	0.200		123	30-150			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B023193 - SW-846 3546											
Blank (B023193-BLK1)				Prepared: 12/03/10 Analyzed: 12/06/10							
CT ETPH	ND	10	mg/Kg wet								
Surrogate: o-Terphenyl	*2.96*		mg/Kg wet	3.33		88.8		50-150			
LCS (B023193-BS1)				Prepared: 12/03/10 Analyzed: 12/06/10							
CT ETPH	25.6	10	mg/Kg wet	33.3		76.8		60-120			
Surrogate: o-Terphenyl	*3.15*		mg/Kg wet	3.33		94.6		50-150			
LCS Dup (B023193-BSD1)				Prepared: 12/03/10 Analyzed: 12/06/10							
CT ETPH	25.8	10	mg/Kg wet	33.3		77.3		60-120	0.678	30	
Surrogate: o-Terphenyl	*3.14*		mg/Kg wet	3.33		94.1		50-150			
Matrix Spike (B023193-MS1)	**Source: 10L0090-04**			Prepared: 12/03/10 Analyzed: 12/06/10							
CT ETPH	1340	470	mg/Kg dry	38.9	1220	**309**	*	50-150			MS-02
Surrogate: o-Terphenyl	*3.71*		mg/Kg dry	3.89		95.4		50-150			
Matrix Spike Dup (B023193-MSD1)	**Source: 10L0090-04**			Prepared: 12/03/10 Analyzed: 12/06/10							
CT ETPH	1450	470	mg/Kg dry	38.9	1220	**587**	*	50-150	7.75	30	MS-02
Surrogate: o-Terphenyl	*3.39*		mg/Kg dry	3.89		87.0		50-150			
Batch B023213 - SW-846 3546											
Blank (B023213-BLK1)				Prepared: 12/06/10 Analyzed: 12/07/10							
CT ETPH	ND	10	mg/Kg wet								
Surrogate: o-Terphenyl	*2.45*		mg/Kg wet	3.33		73.4		50-150			
LCS (B023213-BS1)				Prepared: 12/06/10 Analyzed: 12/07/10							
CT ETPH	21.4	10	mg/Kg wet	33.3		64.2		60-120			
Surrogate: o-Terphenyl	*2.61*		mg/Kg wet	3.33		78.2		50-150			
LCS Dup (B023213-BSD1)				Prepared: 12/06/10 Analyzed: 12/07/10							
CT ETPH	20.7	10	mg/Kg wet	33.3		62.0		60-120	3.44	30	
Surrogate: o-Terphenyl	*2.55*		mg/Kg wet	3.33		76.6		50-150			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023189 - SW-846 3050B										
Blank (B023189-BLK1)				Prepared: 12/03/10 Analyzed: 12/07/10						
Antimony	ND	2.5	mg/Kg wet							
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Beryllium	ND	0.25	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Copper	ND	0.50	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
Nickel	ND	0.50	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							
Thallium	ND	2.5	mg/Kg wet							
Vanadium	ND	1.0	mg/Kg wet							
Zinc	ND	1.0	mg/Kg wet							
LCS (B023189-BS1)				Prepared: 12/03/10 Analyzed: 12/07/10						
Antimony	104	5.0	mg/Kg wet	103		101	30-203.7			
Arsenic	95.3	5.0	mg/Kg wet	107		89.1	81.6-118.4			
Barium	310	5.0	mg/Kg wet	331		93.7	80.7-119.3			
Beryllium	71.5	0.50	mg/Kg wet	74.1		96.5	81.6-118.9			
Cadmium	229	0.50	mg/Kg wet	244		93.9	82.4-117.6			
Chromium	77.4	0.99	mg/Kg wet	80.6		96.1	78.8-120.7			
Copper	66.5	0.99	mg/Kg wet	65.3		102	83.7-117.1			
Lead	101	1.5	mg/Kg wet	107		94.9	79.1-120.3			
Nickel	93.9	0.99	mg/Kg wet	96.8		97.0	81.2-119.2			
Selenium	163	9.9	mg/Kg wet	177		92.1	78.4-120.9			
Silver	37.1	0.99	mg/Kg wet	46.2		80.3	66.2-133.6			
Thallium	248	5.0	mg/Kg wet	272		91.2	77.6-122.4			
Vanadium	115	2.0	mg/Kg wet	115		100	79.4-120.1			
Zinc	356	2.0	mg/Kg wet	378		94.2	80.5-119.3			
LCS (B023189-BS2)				Prepared: 12/03/10 Analyzed: 12/07/10						
Lead	0.731	0.73	mg/Kg wet	0.735		99.4	80-120			
LCS Dup (B023189-BSD1)				Prepared: 12/03/10 Analyzed: 12/07/10						
Antimony	111	4.9	mg/Kg wet	103		108	30-203.7	6.23	30	
Arsenic	101	4.9	mg/Kg wet	107		94.1	81.6-118.4	5.42	30	
Barium	327	4.9	mg/Kg wet	331		98.9	80.7-119.3	5.33	30	
Beryllium	75.6	0.49	mg/Kg wet	74.1		102	81.6-118.9	5.51	30	
Cadmium	242	0.49	mg/Kg wet	244		99.3	82.4-117.6	5.56	30	
Chromium	81.9	0.98	mg/Kg wet	80.6		102	78.8-120.7	5.58	30	
Copper	68.9	0.98	mg/Kg wet	65.3		106	83.7-117.1	3.53	30	
Lead	104	1.5	mg/Kg wet	107		97.6	79.1-120.3	2.82	30	
Nickel	98.6	0.98	mg/Kg wet	96.8		102	81.2-119.2	4.87	30	
Selenium	171	9.8	mg/Kg wet	177		96.5	78.4-120.9	4.67	30	
Silver	41.4	0.98	mg/Kg wet	46.2		89.7	66.2-133.6	11.1	30	
Thallium	262	4.9	mg/Kg wet	272		96.3	77.6-122.4	5.47	30	
Vanadium	121	2.0	mg/Kg wet	115		105	79.4-120.1	4.81	30	
Zinc	374	2.0	mg/Kg wet	378		98.9	80.5-119.3	4.83	30	

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B023189 - SW-846 3050B											
Duplicate (B023189-DUP1)	**Source: 10L0090-04**			Prepared: 12/03/10 Analyzed: 12/07/10							
Antimony	ND	2.8	mg/Kg dry		ND				NC	35	
Arsenic	ND	2.8	mg/Kg dry		ND				NC	35	
Barium	274	2.8	mg/Kg dry		345				23.2	35	
Beryllium	ND	0.28	mg/Kg dry		ND				NC	35	
Chromium	23.1	0.57	mg/Kg dry		28.8				21.8	35	
Selenium	ND	5.7	mg/Kg dry		ND				NC	35	
Silver	ND	0.57	mg/Kg dry		ND				NC	35	
Thallium	ND	2.8	mg/Kg dry		ND				NC	35	
Vanadium	30.1	1.1	mg/Kg dry		31.3				3.93	35	
Duplicate (B023189-DUP2)	**Source: 10L0090-04**			Prepared: 12/03/10 Analyzed: 12/07/10							**M-07**
Barium	392	14	mg/Kg dry		345				12.6	26	
Matrix Spike (B023189-MS1)	**Source: 10L0090-04**			Prepared: 12/03/10 Analyzed: 12/07/10							
Antimony	14.9	2.9	mg/Kg dry	29.2	ND	**51.2**	*	75-125			MS-07
Arsenic	30.7	2.9	mg/Kg dry	29.2	1.58	99.9		75-125			
Barium	274	2.9	mg/Kg dry	29.2	345	**-244**	*	75-125			MS-19
Beryllium	28.0	0.29	mg/Kg dry	29.2	ND	95.8		75-125			
Chromium	56.4	0.58	mg/Kg dry	29.2	28.8	94.5		75-125			
Selenium	17.0	5.8	mg/Kg dry	29.2	ND	**58.1**	*	75-125			MS-07
Silver	26.3	0.58	mg/Kg dry	29.2	ND	90.0		75-125			
Thallium	26.0	2.9	mg/Kg dry	29.2	ND	88.9		75-125			
Vanadium	57.2	1.2	mg/Kg dry	29.2	31.3	88.6		75-125			
Batch B023223 - SW-846 7471											
Blank (B023223-BLK1)				Prepared: 12/06/10 Analyzed: 12/07/10							
Mercury	ND	0.025	mg/Kg wet								
LCS (B023223-BS1)				Prepared: 12/06/10 Analyzed: 12/07/10							
Mercury	1.39	0.034	mg/Kg wet	1.25		111		66-132			
LCS Dup (B023223-BSD1)				Prepared: 12/06/10 Analyzed: 12/07/10							
Mercury	1.24	0.033	mg/Kg wet	1.25		99.4		66-132	11.3	30	
Duplicate (B023223-DUP1)	**Source: 10L0090-04**			Prepared: 12/06/10 Analyzed: 12/07/10							
Mercury	0.131	0.016	mg/Kg dry		0.125				4.39	35	
Matrix Spike (B023223-MS1)	**Source: 10L0090-04**			Prepared: 12/06/10 Analyzed: 12/07/10							
Mercury	0.458	0.016	mg/Kg dry	0.317	0.125	105		75-125			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes
Batch B023301 - SW-846 3050B												
Blank (B023301-BLK1)				Prepared: 12/07/10 Analyzed: 12/08/10								
Cadmium	ND	0.25	mg/Kg wet									
Copper	ND	0.50	mg/Kg wet									
Lead	ND	0.75	mg/Kg wet									
Nickel	ND	0.50	mg/Kg wet									
Zinc	ND	1.0	mg/Kg wet									
LCS (B023301-BS1)				Prepared: 12/07/10 Analyzed: 12/08/10								
Cadmium	223	0.50	mg/Kg wet	244		91.4		82.4-117.6				
Copper	65.2	0.99	mg/Kg wet	65.3		99.9		83.7-117.1				
Lead	101	1.5	mg/Kg wet	107		94.3		79.1-120.3				
Nickel	92.9	0.99	mg/Kg wet	96.8		96.0		81.2-119.2				
Zinc	347	2.0	mg/Kg wet	378		91.8		80.5-119.3				
LCS (B023301-BS2)				Prepared: 12/07/10 Analyzed: 12/08/10								
Lead	0.759	0.76	mg/Kg wet	0.762		99.6		80-120				
LCS Dup (B023301-BSD1)				Prepared: 12/07/10 Analyzed: 12/08/10								
Cadmium	237	0.50	mg/Kg wet	244		97.2		82.4-117.6	6.15		30	
Copper	66.3	1.0	mg/Kg wet	65.3		102		83.7-117.1	1.69		30	
Lead	97.0	1.5	mg/Kg wet	107		90.6		79.1-120.3	3.91		30	
Nickel	95.8	1.0	mg/Kg wet	96.8		98.9		81.2-119.2	3.02		30	
Zinc	357	2.0	mg/Kg wet	378		94.4		80.5-119.3	2.83		30	
Duplicate (B023301-DUP1)	**Source: 10L0090-04RE1**			Prepared: 12/07/10 Analyzed: 12/08/10								
Cadmium	1.21	0.28	mg/Kg dry		1.28				5.29		35	
Copper	39.3	0.55	mg/Kg dry		54.5				32.4		35	
Lead	90.1	0.83	mg/Kg dry		89.6				0.624		35	
Nickel	12.0	0.55	mg/Kg dry		24.4				**67.9**	*	35	R-01
Zinc	495	1.1	mg/Kg dry		543				9.28		35	
Duplicate (B023301-DUP2)	**Source: 10L0090-04RE1**			Prepared: 12/07/10 Analyzed: 12/08/10								**M-07**
Lead	99.9	4.4	mg/Kg dry		89.6				10.9		15	
Matrix Spike (B023301-MS1)	**Source: 10L0090-04RE1**			Prepared: 12/07/10 Analyzed: 12/08/10								
Cadmium	29.7	0.29	mg/Kg dry	29.0	1.28	98.0		75-125				
Copper	78.9	0.58	mg/Kg dry	29.0	54.5	84.4		75-125				
Lead	152	0.87	mg/Kg dry	29.0	89.6	**215**	*	75-125				MS-12
Nickel	44.8	0.58	mg/Kg dry	29.0	24.4	**70.3**	*	75-125				MS-07
Zinc	493	1.2	mg/Kg dry	29.0	543	**-172**	*	75-125				MS-19
Batch B023322 - SW-846 7471												
Blank (B023322-BLK1)				Prepared: 12/07/10 Analyzed: 12/08/10								
Mercury	ND	0.025	mg/Kg wet									

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023322 - SW-846 7471										
LCS (B023322-BS1)				Prepared: 12/07/10	Analyzed: 12/08/10					
Mercury	1.10	0.031	mg/Kg wet	1.25		87.7	66-132			
LCS Dup (B023322-BSD1)				Prepared: 12/07/10	Analyzed: 12/08/10					
Mercury	1.19	0.033	mg/Kg wet	1.25		95.2	66-132	8.18	30	
Duplicate (B023322-DUP1)	**Source: 10L0090-07**			Prepared: 12/07/10	Analyzed: 12/08/10					
Mercury	5.31	0.32	mg/Kg dry		7.30			31.4	35	
Matrix Spike (B023322-MS1)	**Source: 10L0090-07**			Prepared: 12/07/10	Analyzed: 12/08/10					
Mercury	3.92	0.32	mg/Kg dry	0.320	7.30	**-1050** *	75-125			MS-19

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023256 - % Solids										
Duplicate (B023256-DUP2)	**Source: 10L0090-02**			Prepared: 12/06/10 Analyzed: 12/07/10						
% Solids	90.0		% Wt		91.1			1.21	20	
Batch B023330 - SW846 9014										
Blank (B023330-BLK1)				Prepared & Analyzed: 12/08/10						
Cyanide	ND	0.49	mg/Kg wet							
LCS (B023330-BS1)				Prepared & Analyzed: 12/08/10						
Cyanide	49	0.97	mg/Kg wet	47.1		103	80-120			
LCS Dup (B023330-BSD1)				Prepared & Analyzed: 12/08/10						
Cyanide	44	0.97	mg/Kg wet	47.1		93.6	80-120	9.80	20	
Matrix Spike (B023330-MS4)	**Source: 10L0090-04**			Prepared & Analyzed: 12/08/10						
Cyanide	19	0.57	mg/Kg dry	19.6	0.79	92.0	75-125			
Matrix Spike Dup (B023330-MSD4)	**Source: 10L0090-04**			Prepared & Analyzed: 12/08/10						
Cyanide	19	0.57	mg/Kg dry	19.5	0.79	94.0	75-125	1.65	20	
Batch B023416 - SW846 9014										
Blank (B023416-BLK1)				Prepared & Analyzed: 12/09/10						
Cyanide	ND	0.50	mg/Kg wet							
LCS (B023416-BS1)				Prepared & Analyzed: 12/09/10						
Cyanide	43	0.98	mg/Kg wet	47.6		89.5	80-120			
LCS Dup (B023416-BSD1)				Prepared & Analyzed: 12/09/10						
Cyanide	45	0.98	mg/Kg wet	47.6		94.7	80-120	5.46	20	

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QUALITY CONTROL

SPLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023283 - SW-846 3010A										
Blank (B023283-BLK1)				Prepared & Analyzed: 12/07/10						
Antimony	ND	5.0	µg/L							
Arsenic	ND	2.0	µg/L							
Barium	ND	50	µg/L							
Beryllium	ND	2.0	µg/L							
Cadmium	ND	2.5	µg/L							
Chromium	ND	5.0	µg/L							
Copper	ND	25	µg/L							
Lead	ND	5.0	µg/L							
Nickel	ND	25	µg/L							
Selenium	ND	25	µg/L							
Silver	ND	2.5	µg/L							
Thallium	ND	1.0	µg/L							
Vanadium	ND	25	µg/L							
Zinc	ND	50	µg/L							
LCS (B023283-BS1)				Prepared & Analyzed: 12/07/10						
Antimony	257	5.0	µg/L	250		103	80-120			
Arsenic	264	2.0	µg/L	250		106	80-120			
Barium	253	50	µg/L	250		101	80-120			
Beryllium	240	2.0	µg/L	250		96.2	80-120			
Cadmium	253	2.5	µg/L	250		101	80-120			
Chromium	259	5.0	µg/L	250		103	80-120			
Copper	249	25	µg/L	250		99.7	80-120			
Lead	253	5.0	µg/L	250		101	80-120			
Nickel	252	25	µg/L	250		101	80-120			
Selenium	242	25	µg/L	250		97.0	80-120			
Silver	284	2.5	µg/L	250		113	80-120			
Thallium	243	1.0	µg/L	250		97.2	80-120			
Vanadium	245	25	µg/L	250		98.0	80-120			
Zinc	253	50	µg/L	250		101	80-120			
LCS Dup (B023283-BSD1)				Prepared & Analyzed: 12/07/10						
Antimony	261	5.0	µg/L	250		105	80-120	1.48	20	
Arsenic	264	2.0	µg/L	250		106	80-120	0.0918	20	
Barium	256	50	µg/L	250		102	80-120	1.08	20	
Beryllium	246	2.0	µg/L	250		98.2	80-120	2.09	20	
Cadmium	256	2.5	µg/L	250		102	80-120	1.27	20	
Chromium	264	5.0	µg/L	250		106	80-120	1.99	20	
Copper	252	25	µg/L	250		101	80-120	1.31	20	
Lead	254	5.0	µg/L	250		102	80-120	0.628	20	
Nickel	254	25	µg/L	250		101	80-120	0.658	20	
Selenium	241	25	µg/L	250		96.4	80-120	0.601	20	
Silver	284	2.5	µg/L	250		114	80-120	0.0289	20	
Thallium	247	1.0	µg/L	250		99.0	80-120	1.83	20	
Vanadium	252	25	µg/L	250		101	80-120	2.71	20	
Zinc	256	50	µg/L	250		102	80-120	0.887	20	

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QUALITY CONTROL

SPLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023283 - SW-846 3010A										
Matrix Spike (B023283-MS1)		**Source: 10L0090-04**		Prepared & Analyzed: 12/07/10						
Antimony	256	5.0	µg/L	250	3.12	101	75-125			
Arsenic	268	2.0	µg/L	250	1.04	107	75-125			
Barium	272	50	µg/L	250	24.4	99.2	75-125			
Beryllium	254	2.0	µg/L	250	ND	102	75-125			
Cadmium	249	2.5	µg/L	250	ND	99.6	75-125			
Chromium	254	5.0	µg/L	250	18.5	94.0	75-125			
Copper	230	25	µg/L	250	7.31	89.1	75-125			
Lead	256	5.0	µg/L	250	3.50	101	75-125			
Nickel	227	25	µg/L	250	2.92	89.4	75-125			
Selenium	238	25	µg/L	250	ND	95.4	75-125			
Silver	279	2.5	µg/L	250	ND	111	75-125			
Thallium	246	1.0	µg/L	250	ND	98.3	75-125			
Vanadium	238	25	µg/L	250	13.3	89.7	75-125			
Zinc	242	50	µg/L	250	33.8	83.2	75-125			
Batch B023284 - SW-846 7470A Prep										
Blank (B023284-BLK1)				Prepared & Analyzed: 12/07/10						
Mercury	ND	0.00010	mg/L							
LCS (B023284-BS1)				Prepared & Analyzed: 12/07/10						
Mercury	0.00177	0.00010	mg/L	0.00200		88.7	80-120			
LCS Dup (B023284-BSD1)				Prepared & Analyzed: 12/07/10						
Mercury	0.00176	0.00010	mg/L	0.00200		87.9	80-120	0.935	20	
Matrix Spike (B023284-MS1)		**Source: 10L0090-04**		Prepared & Analyzed: 12/07/10						
Mercury	0.00160	0.00010	mg/L	0.00200	ND	79.9	75-125			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
E	Reported result is estimated. Value reported over verified calibration range.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
M-07	Result is serial dilution as per MA CAM/ CT RCP regulation.
MS-02	Sample analyte level was such that a dilution had to be made for sample quantitation purposes. Due to the order(s) of magnitude difference between sample and spike level a representative recovery could not be obtained.
MS-07	Matrix spike recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of sample matrix effects that lead to low bias for reported result or non-homogeneous sample aliquot cannot be eliminated.
MS-07A	Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.
MS-12	Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-19	Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
MS-21	Matrix spike and spike duplicate recovery bias high due to contribution of other Aroclors present in source sample.
MS-23	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is outside of the method specified criteria. Reduced precision anticipated for any reported result for this compound.
MS-24	Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.
R-01	Duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
R-06	Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.
S-07	One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.
V-04	Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the low side.
V-06	Continuing calibration did not meet method specifications and was biased on the high side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the high side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Soil	
CT ETPH	CT
SW-846 6010B in Soil	
Antimony	CT,NH,NY
Arsenic	CT,NH,NY
Barium	CT,NH,NY
Beryllium	CT,NH,NY
Cadmium	CT,NH,NY
Chromium	CT,NH,NY
Copper	CT,NH,NY
Lead	CT,NH,NY,AIHA
Nickel	CT,NH,NY
Selenium	CT,NH,NY
Silver	CT,NH,NY
Thallium	CT,NH,NY
Vanadium	CT,NH,NY
Zinc	CT,NH,NY
SW-846 7471A in Soil	
Mercury	CT,NH,NY
SW-846 8082 in Soil	
Aroclor-1016	CT,NH,NY,NC
Aroclor-1016 [2C]	CT,NH,NY,NC
Aroclor-1221	CT,NH,NY,NC
Aroclor-1221 [2C]	CT,NH,NY,NC
Aroclor-1232	CT,NH,NY,NC
Aroclor-1232 [2C]	CT,NH,NY,NC
Aroclor-1242	CT,NH,NY,NC
Aroclor-1242 [2C]	CT,NH,NY,NC
Aroclor-1248	CT,NH,NY,NC
Aroclor-1248 [2C]	CT,NH,NY,NC
Aroclor-1254	CT,NH,NY,NC
Aroclor-1254 [2C]	CT,NH,NY,NC
Aroclor-1260	CT,NH,NY,NC
Aroclor-1260 [2C]	CT,NH,NY,NC
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260B in Soil	
Acetone	CT,NH,NY,NC
Acrylonitrile	CT,NH,NY,NC
Benzene	CT,NH,NY,NC
Bromobenzene	NH,NY,NC
Bromodichloromethane	CT,NH,NY,NC
Bromoform	CT,NH,NY,NC
Bromomethane	CT,NH,NY,NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Soil	
2-Butanone (MEK)	CT,NH,NY,NC
n-Butylbenzene	CT,NH,NY,NC
sec-Butylbenzene	CT,NH,NY,NC
tert-Butylbenzene	CT,NH,NY,NC
Carbon Disulfide	CT,NH,NY,NC
Carbon Tetrachloride	CT,NH,NY,NC
Chlorobenzene	CT,NH,NY,NC
Chlorodibromomethane	CT,NH,NY,NC
Chloroethane	CT,NH,NY,NC
Chloroform	CT,NH,NY,NC
Chloromethane	CT,NH,NY,NC
2-Chlorotoluene	CT,NH,NY,NC
4-Chlorotoluene	CT,NH,NY,NC
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC
Dibromomethane	NH,NY,NC
1,2-Dichlorobenzene	CT,NH,NY,NC
1,3-Dichlorobenzene	CT,NH,NY,NC
1,4-Dichlorobenzene	CT,NH,NY,NC
trans-1,4-Dichloro-2-butene	NC
Dichlorodifluoromethane (Freon 12)	NY,NC
1,1-Dichloroethane	CT,NH,NY,NC
1,2-Dichloroethane	CT,NH,NY,NC
1,1-Dichloroethylene	CT,NH,NY,NC
cis-1,2-Dichloroethylene	CT,NH,NY,NC
trans-1,2-Dichloroethylene	CT,NH,NY,NC
1,2-Dichloropropane	CT,NH,NY,NC
1,3-Dichloropropane	NH,NY,NC
2,2-Dichloropropane	NH,NY,NC
1,1-Dichloropropene	NH,NY,NC
cis-1,3-Dichloropropene	CT,NH,NY,NC
trans-1,3-Dichloropropene	CT,NH,NY,NC
Ethylbenzene	CT,NH,NY,NC
Hexachlorobutadiene	NH,NY,NC
2-Hexanone (MBK)	CT,NH,NY,NC
Isopropylbenzene (Cumene)	CT,NH,NY,NC
p-Isopropyltoluene (p-Cymene)	NC
Methyl tert-Butyl Ether (MTBE)	NC
Methylene Chloride	CT,NH,NY,NC
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC
Naphthalene	NH,NY,NC
n-Propylbenzene	NC
Styrene	CT,NH,NY,NC
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC
Tetrachloroethylene	CT,NH,NY,NC
Tetrahydrofuran	NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Soil	
Toluene	CT,NH,NY,NC
1,2,3-Trichlorobenzene	NC
1,2,4-Trichlorobenzene	NH,NY,NC
1,1,1-Trichloroethane	CT,NH,NY,NC
1,1,2-Trichloroethane	CT,NH,NY,NC
Trichloroethylene	CT,NH,NY,NC
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC
1,2,3-Trichloropropane	NH,NY,NC
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC
1,2,4-Trimethylbenzene	CT,NH,NY,NC
1,3,5-Trimethylbenzene	CT,NH,NY,NC
Vinyl Chloride	CT,NH,NY,NC
m+p Xylene	CT,NH,NY,NC
o-Xylene	CT,NH,NY,NC
SW-846 8270C in Soil	
Acenaphthene	CT,NY,NH
Acenaphthylene	CT,NY,NH
Aniline	NY,NH
Anthracene	CT,NY,NH
Benzo(a)anthracene	CT,NY,NH
Benzo(a)pyrene	CT,NY,NH
Benzo(b)fluoranthene	CT,NY,NH
Benzo(g,h,i)perylene	CT,NY,NH
Benzo(k)fluoranthene	CT,NY,NH
Bis(2-chloroethoxy)methane	CT,NY,NH
Bis(2-chloroethyl)ether	CT,NY,NH
Bis(2-chloroisopropyl)ether	CT,NY,NH
Bis(2-Ethylhexyl)phthalate	CT,NY,NH
4-Bromophenylphenylether	CT,NY,NH
Butylbenzylphthalate	CT,NY,NH
4-Chloroaniline	CT,NY,NH
4-Chloro-3-methylphenol	CT,NY,NH
2-Chloronaphthalene	CT,NY,NH
2-Chlorophenol	CT,NY,NH
4-Chlorophenylphenylether	CT,NY,NH
Chrysene	CT,NY,NH
Dibenz(a,h)anthracene	CT,NY,NH
Dibenzofuran	CT,NY,NH
Di-n-butylphthalate	CT,NY,NH
1,2-Dichlorobenzene	NY,NH
1,3-Dichlorobenzene	NY,NH
1,4-Dichlorobenzene	NY,NH
3,3-Dichlorobenzidine	CT,NY,NH
2,4-Dichlorophenol	CT,NY,NH
Diethylphthalate	CT,NY,NH
2,4-Dimethylphenol	CT,NY,NH

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270C in Soil	
Dimethylphthalate	CT,NY,NH
4,6-Dinitro-2-methylphenol	CT,NY,NH
2,4-Dinitrophenol	CT,NY,NH
2,4-Dinitrotoluene	CT,NY,NH
2,6-Dinitrotoluene	CT,NY,NH
Di-n-octylphthalate	CT,NY,NH
Fluoranthene	CT,NY,NH
Fluorene	NY,NH
Hexachlorobenzene	CT,NY,NH
Hexachlorobutadiene	CT,NY,NH
Hexachlorocyclopentadiene	CT,NY,NH
Hexachloroethane	CT,NY,NH
Indeno(1,2,3-cd)pyrene	CT,NY,NH
Isophorone	CT,NY,NH
2-Methylnaphthalene	CT,NY,NH
2-Methylphenol	CT,NY,NH
3/4-Methylphenol	CT,NY,NH
Naphthalene	CT,NY,NH
2-Nitroaniline	CT,NY,NH
3-Nitroaniline	CT,NY,NH
4-Nitroaniline	CT,NY,NH
Nitrobenzene	CT,NY,NH
2-Nitrophenol	CT,NY,NH
4-Nitrophenol	CT,NY,NH
N-Nitrosodiphenylamine	CT,NY,NH
N-Nitrosodi-n-propylamine	CT,NY,NH
Pentachlorophenol	CT,NY,NH
Phenanthrene	CT,NY,NH
Phenol	CT,NY,NH
Pyrene	CT,NY,NH
Pyridine	CT,NY,NH
1,2,4-Trichlorobenzene	CT,NY,NH
2,4,5-Trichlorophenol	CT,NY,NH
2,4,6-Trichlorophenol	CT,NY,NH
SW846 9014 in Soil	
Cyanide	NY,CT,NC

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The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2010
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

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CHAIN OF CUSTODY RECORD

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East longmeadow, MA 01028

10L0090

Company Name: AMRF, Inc. Telephone: 646-388-9882
Address: 700 Main Street Suite C Project # 91065
Williamantic, CT 06226 Client PO#
Attention: Glen Stefaniak
Project Location: 6 Rubber Ave, Naugatuck, CT
Sampled By: Steve Grens

DATA DELIVERY (check all that apply)
O FAX X EMAIL O WEBSITE
Fax #
Email: gstefaniak@amrf.com
Format: X PDF X EXCEL O GIS
O OTHER
O "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
O yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	VOCs	SVOCs	ETPH	Total RSR 15 Metals	SPLP RSR 15 Metals	PCBs	Cyanide			
-01 ☆	GDC-TP-08(0-2)	12/2/10	0900		X	S	U		X	X	X	X	X	X			
-02	GDC-TP-08(4-6)	12/2/10	0915		X	S	U		X	X	X	X	X	X			
-03 ☆	GDC-TP-07(0-2)	12/2/10	1040		X	S	U		X	X	X	X	X	X			
-04	GDC-TP-07(6-8)	12/2/10	1048		X	S	U	X	X	X	X	X	X	X			
-04	GDC-TP-07-MS	12/2/10	1048		X	S	U	X	X	X	X	X	X	X			
-05	GDC-TP-04(0-2)	12/2/10	1300		X	S	U		X	X	X	X	X	X			
-06 ☆	GDC-TP-04(4-6)	12/2/10	1305		X	S	U		X	X	X	X	X	X			
-07	GDC-TP-04(6-8)	12/2/10	1310		X	S	U		X	X	X	X	X	X			
-08	GDC-TP-12(0-2)	12/2/10	1400		X	S	U		X		X	X					
-09	GDC-TP-12(6-8)	12/2/10	1450		X	S	U		X	X	X	X	X	X			
	TB2.0012.02	12/2/10	1500					X									

Comments: ☆ Hold Sample(s): GDC-TP-08(0-2); GDC-TP-07(0-2); GDC-TP-04(4-6);
12-02-10 17:37 IN

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
	12/2/10 1505
Received by: (signature)	Date/Time:
	12/2/10 1505
Relinquished by: (signature)	Date/Time:
	12/2/10 1550
Received by: (signature)	Date/Time:
	12/2/10 1656

Turnaround ††
X 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: CT RSR, RDEC, GB PMC
Other:

Is your project MCP or RCP ?
O MCP Analytical Certification Form Required
X RCP Analysis Certification Form Required
O MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED. PLEASE BE CAREFUL NOT TO CONTAMINATE THE PREPARED

	6	20	20	20	20	20	20	20
# of Containe	MK	I	I	I	I	I	I	I
** Preservati	V	A	A	A	A	A	A	A
***Container								

ANALYSIS REQUESTED

Dissolved Metals
O Field Filtered
O Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

www.contestlabs.com

con-test ANALYTICAL LABORATORY

Sample Receipt Checklist

39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

CLIENT NAME: AKRF, Inc. RECEIVED BY: CAB DATE: 12/2/10

1) Was the chain(s) of custody relinquished and signed? (Yes) No

2) Does the chain agree with the samples? (Yes) No
If not, explain:

3) Are all the samples in good condition? (Yes) No
If not, explain:

4) How were the samples received:
On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank 4.5 °C Temperature °C by Temp gun _____

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any samples "On Hold"? (Yes) No Stored where: 19

7) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

8) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature:

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	1 GDC-TP-04(0-2)
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)	19	2 oz amber/clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below	9	SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
Flashpoint bottle		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 3
Bisulfate _____ # DI Water 6
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:
12-02-10 17:36 IN

Do all samples have the proper Acid pH: Yes No (N/A) _____

Do all samples have the proper Base pH: Yes No (N/A) _____

CT ETPH DISCRIMINATION CHECK

Date Acquired 12/6/10
Data File Name A1206036.D
Sample Name ETPH 1500
Instrument Name 5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.31	337238	367088	-8
c - 10	1.68	345929	367088	-6
c - 12	2.43	357053	367088	-3
c - 14	3.11	368639	367088	0
c - 16	3.72	378783	367088	3
c - 18	4.36	385759	367088	5
o-Terphenyl	4.66	408245	367088	
c - 20	4.96	385266	367088	5
c - 22	5.46	377887	367088	3
c - 24	5.90	389843	367088	6
c - 26	6.29	387551	367088	6
c - 28	6.66	382420	367088	4
c - 30	6.99	373956	367088	2
c - 32	7.31	360612	367088	-2
c - 34	7.61	344375	367088	-6
c - 36	7.99	331006	367088	-10

* One compound allowed %D </= 50%

Samples

10L0026-07@5X
10L0090-04@20X
10K0887-09RE1
10L0075-02

12/7/10 8:03 AM

C:\HPCHEM\CUSTRPT\ETPHDISC.CRT

CT ETPH DISCRIMINATION CHECK

Date Acquired	12/7/10
Data File Name	A1206110.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.31	364369	394281	-8
c - 10	1.68	376423	394281	-5
c - 12	2.43	389054	394281	-1
c - 14	3.11	399712	394281	1
c - 16	3.72	408834	394281	4
c - 18	4.36	414808	394281	5
o-Terphenyl	4.65	437628	394281	
c - 20	4.96	412479	394281	5
c - 22	5.46	402646	394281	2
c - 24	5.90	413370	394281	5
c - 26	6.29	410262	394281	4
c - 28	6.66	405883	394281	3
c - 30	6.99	399149	394281	1
c - 32	7.31	387518	394281	-2
c - 34	7.61	371754	394281	-6
c - 36	7.99	357954	394281	-9

* One compound allowed %D </= 50%

Samples

10L0090-07@10X
10L0090-09@5X
10L0137-02@10X
10L0137-03@40X
10L0137-04
10L0137-05
10L0137-07
10L0137-09@5X
10L0137-11@20X

CT ETPH DISCRIMINATION CHECK

Date Acquired	12/7/10
Data File Name	A1206111.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.09	290033	299547	-3
c - 10	1.43	298646	299547	0
c - 12	2.15	305705	299547	2
c - 14	2.81	310599	299547	4
c - 16	3.40	314131	299547	5
c - 18	3.97	315830	299547	5
o-Terphenyl	4.24	331295	299547	
c - 20	4.58	311933	299547	4
c - 22	5.10	302114	299547	1
c - 24	5.54	308621	299547	3
c - 26	5.94	304810	299547	2
c - 28	6.30	301071	299547	1
c - 30	6.63	296136	299547	-1
c - 32	6.94	288270	299547	-4
c - 34	7.23	277502	299547	-7
c - 36	7.51	267809	299547	-11

* One compound allowed %D </= 50%

Samples

10L0075-03
10L0081-01@10X
10L0090-02@10X
10L0090-05@10X
10L0137-12

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: AKRF - WILLIMANTIC, CT

Project Location: 6 Rubber Ave, Naugatuck, CT

Project Number: 10L0090

Laboratory Sample ID(s):

10L0090-02 thru 10L0090-10

Sample Date(s):

12/02/2010

List RCP Methods Used:

CTDEP ETPH, SW-846 1312, SW-846 6010B, SW-846 6020A, SW-846 7470A, SW-846 7471A, SW-846 8082, SW-846 8260B, SW-846 8270C, SW846 9014

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ 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)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☐ Yes ☑ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

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 Manager

Printed Name: Daren J. Damboragian **Date:** 12/09/10

Name of Laboratory: Con-Test Analytical Laboratory

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

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

December 13, 2010

Glen Stefaniak
AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226

Project Location: 6 Rubber Ave., Naugatuck, CT
Client Job Number:
Project Number: 91065
Laboratory Work Order Number: 10L0137

Enclosed are results of analyses for samples received by the laboratory on December 3, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Susan M. Burney
Project Manager

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

AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226
ATTN: Glen Stefaniak

REPORT DATE: 12/13/2010

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 91065

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10L0137

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

PROJECT LOCATION: 6 Rubber Ave., Naugatuck, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GDC-TP-15 (0-2)	10L0137-01	Soil		SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 7471A	
				SW-846 8270C	
GDC-TP-15 (6-8)	10L0137-02	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW846 9014	
GDC-TP-14 (0-2)	10L0137-03	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8082	
GDC-TP-14 (7-9)	10L0137-04	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW846 9014	

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AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226
ATTN: Glen Stefaniak

REPORT DATE: 12/13/2010

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 91065

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10L0137

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

PROJECT LOCATION: 6 Rubber Ave., Naugatuck, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GDC-TP-14B (7-9)	10L0137-05	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW846 9014	
GDC-TP-16 (4-6)	10L0137-07	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8270C	
				SW846 9014	
GDC-TP-13 (2-4)	10L0137-09	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8270C	
				SW846 9014	
GDC-TP-09 (7-9)	10L0137-11	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8270C	
				SW846 9014	

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

AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226
ATTN: Glen Stefaniak

REPORT DATE: 12/13/2010

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 91065

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10L0137

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

PROJECT LOCATION: 6 Rubber Ave., Naugatuck, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GDC-TP-10 (4-6)	10L0137-12	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8270C	
				SW846 9014	
TB20101203	10L0137-13	Trip Blank Soil		SW-846 8260B	
FB20101203	10L0137-14	Field Blank		CTDEP ETPH	
				SM18-20 4500 CN E	
				SW-846 1312	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	

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

CASE NARRATIVE SUMMARY

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

SW-846 8082

Qualifications:

Matrix spike and spike duplicate recovery bias high due to contribution of other Aroclors present in source sample.

Analyte & Samples(s) Qualified:

Aroclor-1016, Aroclor-1016 [2C]

B023214-MS1, B023214-MSD1

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

Analyte & Samples(s) Qualified:

Decachlorobiphenyl, Decachlorobiphenyl [2C], Tetrachloro-m-xylene, Tetrachloro-m-xylene [2C]

10L0137-02[GDC-TP-15 (6-8)]

SW-846 8260B

Qualifications:

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

Analyte & Samples(s) Qualified:

1,1,2-Trichloroethane, 1,3-Dichloropropane, 2-Hexanone (MBK), Naphthalene, Tetrachloroethylene

B023155-BS1

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

Analyte & Samples(s) Qualified:

2-Butanone (MEK), Acetone, Acrylonitrile, Tetrahydrofuran

10L0137-02[GDC-TP-15 (6-8)], 10L0137-04[GDC-TP-14 (7-9)], 10L0137-05[GDC-TP-14B (7-9)], 10L0137-13[TB20101203], B023251-BLK1, B023251-BS1

SW-846 8270C

Qualifications:

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

Analyte & Samples(s) Qualified:

Benzo(b)fluoranthene, Butylbenzylphthalate, Fluoranthene, Phenanthrene, Pyrene

10L0137-11[GDC-TP-09 (7-9)], 10L0137-01[GDC-TP-15 (0-2)]

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

Analyte & Samples(s) Qualified:

4-Chloroaniline

10L0137-01[GDC-TP-15 (0-2)], 10L0137-01RE1[GDC-TP-15 (0-2)], 10L0137-02[GDC-TP-15 (6-8)], 10L0137-04[GDC-TP-14 (7-9)], 10L0137-05[GDC-TP-14B (7-9)], 10L0137-07[GDC-TP-16 (4-6)], 10L0137-09[GDC-TP-13 (2-4)], 10L0137-11[GDC-TP-09 (7-9)], 10L0137-11RE1[GDC-TP-09 (7-9)], 10L0137-12[GDC-TP-10 (4-6)], B023212-BLK1, B023212-BS1, B023212-BSD1

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

Analyte & Samples(s) Qualified:

Bis(2-chloroisopropyl)ether, Indeno(1,2,3-cd)pyrene

B023212-BS1, B023346-BS1

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

Analyte & Samples(s) Qualified:

Dibenz(a,h)anthracene

B023346-BS1, B023346-BSD1

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

Analyte & Samples(s) Qualified:

2-Methylphenol, 2-Nitroaniline, 3/4-Methylphenol, 3-Nitroaniline, Benzo(g,h,i)perylene, Dibenz(a,h)anthracene

10L0137-01[GDC-TP-15 (0-2)], 10L0137-01RE1[GDC-TP-15 (0-2)], 10L0137-02[GDC-TP-15 (6-8)], 10L0137-04[GDC-TP-14 (7-9)], 10L0137-05[GDC-TP-14B (7-9)], 10L0137-07[GDC-TP-16 (4-6)], 10L0137-09[GDC-TP-13 (2-4)], 10L0137-11[GDC-TP-09 (7-9)], 10L0137-11RE1[GDC-TP-09 (7-9)], 10L0137-12[GDC-TP-10 (4-6)], B023212-BLK1, B023212-BS1, B023212-BSD1, 10L0137-14[FB20101203], B023346-BLK1, B023346-BS1, B023346-BSD1

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

Analyte & Samples(s) Qualified:

2,4,6-Tribromophenol, 2-Fluorobiphenyl, 2-Fluorophenol, Nitrobenzene-d5, Phenol-d6, Terphenyl-d14

10L0137-01RE1[GDC-TP-15 (0-2)]

One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.

Analyte & Samples(s) Qualified:

2,4,6-Tribromophenol, Phenol-d6

B023212-BLK1, B023346-BSD1, 10L0137-09[GDC-TP-13 (2-4)]

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

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol, Bis(2-chloroisopropyl)ether

10L0137-01[GDC-TP-15 (0-2)], 10L0137-01RE1[GDC-TP-15 (0-2)], 10L0137-02[GDC-TP-15 (6-8)], 10L0137-04[GDC-TP-14 (7-9)], 10L0137-05[GDC-TP-14B (7-9)], 10L0137-07[GDC-TP-16 (4-6)], 10L0137-09[GDC-TP-13 (2-4)], 10L0137-11[GDC-TP-09 (7-9)], 10L0137-11RE1[GDC-TP-09 (7-9)], 10L0137-12[GDC-TP-10 (4-6)], B023212-BLK1, B023212-BS1, B023212-BSD1

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

Analyte & Samples(s) Qualified:

4-Nitrophenol, Bis(2-chloroisopropyl)ether

10L0137-14[FB20101203], B023346-BLK1, B023346-BS1, B023346-BSD1, 10L0137-01[GDC-TP-15 (0-2)], 10L0137-02[GDC-TP-15 (6-8)], 10L0137-04[GDC-TP-14 (7-9)], 10L0137-05[GDC-TP-14B (7-9)], 10L0137-07[GDC-TP-16 (4-6)], 10L0137-09[GDC-TP-13 (2-4)], 10L0137-11[GDC-TP-09 (7-9)], 10L0137-12[GDC-TP-10 (4-6)]

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

Analyte & Samples(s) Qualified:

Dibenz(a,h)anthracene, Indeno(1,2,3-cd)pyrene

10L0137-02[GDC-TP-15 (6-8)], 10L0137-09[GDC-TP-13 (2-4)], 10L0137-11[GDC-TP-09 (7-9)], 10L0137-12[GDC-TP-10 (4-6)]

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

Analyte & Samples(s) Qualified:

Pentachloronitrobenzene

10L0137-01[GDC-TP-15 (0-2)], 10L0137-01RE1[GDC-TP-15 (0-2)], 10L0137-02[GDC-TP-15 (6-8)], 10L0137-04[GDC-TP-14 (7-9)], 10L0137-05[GDC-TP-14B (7-9)], 10L0137-07[GDC-TP-16 (4-6)], 10L0137-09[GDC-TP-13 (2-4)], 10L0137-11[GDC-TP-09 (7-9)], 10L0137-11RE1[GDC-TP-09 (7-9)], 10L0137-12[GDC-TP-10 (4-6)], 10L0137-14[FB20101203], B023212-BLK1, B023212-BS1, B023212-BSD1, B023346-BLK1, B023346-BS1, B023346-BSD1

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

Analyte & Samples(s) Qualified:

Dibenz(a,h)anthracene, Indeno(1,2,3-cd)pyrene

10L0137-04[GDC-TP-14 (7-9)], 10L0137-05[GDC-TP-14B (7-9)], 10L0137-07[GDC-TP-16 (4-6)], 10L0137-12[GDC-TP-10 (4-6)]

SW846 9014

Qualifications:

Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

Analyte & Samples(s) Qualified:

Cyanide

10L0137-12[GDC-TP-10 (4-6)], B023416-MSD2

SW-846 8260B

The LCS recoveries for required CT reasonable confidence protocol (RCP) 8260 compounds were all within limits specified by the method except for “difficult analytes” where control limits somewhere between 40-160% are used and/or unless otherwise listed in this narrative: Difficult analytes: MIBK, MEK, Tert-butyl Alcohol, Acetone, 1,4-Dioxane, Vinyl Chloride, Chloromethane, Dichlorodifluoromethane, 2-Hexanone, Naphthalene, Bromomethane and 2,2-Dichloropropane.

The LCS recoveries for required CT reasonable confidence protocol (RCP) 8260 compounds were all within limits specified by the method except for “difficult analytes” where control limits somewhere between 40-160% are used and/or unless otherwise listed in this narrative: Difficult analytes: MIBK, MEK, Tert-butyl Alcohol, Acetone, 1,4-Dioxane, Vinyl Chloride, Chloromethane, Dichlorodifluoromethane, 2-Hexanone, Naphthalene, Bromomethane, Methylene Chloride, and tert-butylbenzene.

All reporting limits specified on the chain-of-custody were met except for Acrylonitrile, where the most protective criteria are not met since the laboratory cannot achieve the required RCP calibration criteria at these levels, unless otherwise listed in this narrative.

SW-846 8270C

The LCS sample recoveries for required RCP 8270 compounds were all within control limits specified by the method, 40-140% for base/neutrals and 30-130% for acids except for “difficult analytes” listed below and/or otherwise listed in this narrative: Difficult analytes for water – limits between 10 and 150% depending on the compound (see QC summary for limits): Benzoic Acid, Dimethylphthalate, Bis(2-chloroisopropyl)ether, Hexachlorocyclopentadiene, Pyridine, 4-Nitrophenol, and Phenol.

The LCS sample recoveries for required RCP 8270 compounds were all within control limits specified by the method, 40-140% for base/neutrals and 30-130% for acids except for “difficult analytes” listed below and/or otherwise listed in this narrative: Difficult analytes for soil - limits between 10 and 180% depending on the compound (see QC summary for limits): 3,3’-Dichlorobenzidine, Pyridine, Aniline, 4-Chloroaniline, 3-Nitroaniline, and n-Nitrosodiphenylamine.

All reporting limits specified on the chain-of-custody were met, except for Pyridine for the most protective criteria since the laboratory cannot achieve the required RCP calibration criteria at these levels unless otherwise listed in this narrative.

All reporting limits specified on the chain-of-custody were met, except for Pyridine, 1,2,4,5-Tetrachlorobenzene and Pentachloronitrobenzene for the most protective criteria since the laboratory cannot achieve the required RCP calibration criteria at these levels unless otherwise listed in this narrative.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-15 (0-2) | Sampled: 12/3/2010 07:40

Sample ID: 10L0137-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	11	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Acenaphthene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Acenaphthylene	ND	11	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Acenaphthylene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Aniline	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Aniline	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Anthracene	ND	11	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Anthracene	0.39	0.22	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Benzo(a)anthracene	ND	11	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Benzo(a)anthracene	1.8	0.22	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Benzo(a)pyrene	ND	11	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Benzo(a)pyrene	2.1	0.22	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Benzo(b)fluoranthene	ND	11	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Benzo(b)fluoranthene	2.9	0.22	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Benzo(g,h,i)perylene	ND	11	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Benzo(g,h,i)perylene	1.0	0.22	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Benzo(k)fluoranthene	ND	11	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Benzo(k)fluoranthene	1.1	0.22	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Bis(2-chloroethoxy)methane	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Bis(2-chloroethoxy)methane	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Bis(2-chloroethyl)ether	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Bis(2-chloroethyl)ether	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Bis(2-chloroisopropyl)ether	ND	22	mg/Kg dry	50	V-04	SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Bis(2-chloroisopropyl)ether	ND	0.44	mg/Kg dry	1	V-04, V-05	SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Bis(2-Ethylhexyl)phthalate	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Bis(2-Ethylhexyl)phthalate	0.58	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
4-Bromophenylphenylether	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
4-Bromophenylphenylether	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Butylbenzylphthalate	110	43	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Butylbenzylphthalate	44	0.86	mg/Kg dry	1	E	SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Carbazole	ND	11	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Carbazole	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
4-Chloroaniline	ND	43	mg/Kg dry	50	L-04	SW-846 8270C	12/6/10	12/13/10 11:12	BGL
4-Chloroaniline	ND	0.86	mg/Kg dry	1	L-04	SW-846 8270C	12/6/10	12/11/10 17:06	BGL
4-Chloro-3-methylphenol	ND	43	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
4-Chloro-3-methylphenol	ND	0.86	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
2-Chloronaphthalene	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
2-Chloronaphthalene	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
2-Chlorophenol	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
2-Chlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
4-Chlorophenylphenylether	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
4-Chlorophenylphenylether	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Chrysene	ND	11	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-15 (0-2) | Sampled: 12/3/2010 07:40

Sample ID: 10L0137-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Chrysene	1.8	0.22	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Dibenz(a,h)anthracene	ND	11	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Dibenz(a,h)anthracene	0.31	0.22	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Dibenzofuran	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Dibenzofuran	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Di-n-butylphthalate	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Di-n-butylphthalate	0.61	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
3,3-Dichlorobenzidine	ND	11	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
3,3-Dichlorobenzidine	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
2,4-Dichlorophenol	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
2,4-Dichlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Diethylphthalate	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Diethylphthalate	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
2,4-Dimethylphenol	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
2,4-Dimethylphenol	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Dimethylphthalate	ND	43	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Dimethylphthalate	ND	0.86	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
4,6-Dinitro-2-methylphenol	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
4,6-Dinitro-2-methylphenol	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
2,4-Dinitrophenol	ND	43	mg/Kg dry	50	V-04	SW-846 8270C	12/6/10	12/13/10 11:12	BGL
2,4-Dinitrophenol	ND	0.86	mg/Kg dry	1	V-04	SW-846 8270C	12/6/10	12/11/10 17:06	BGL
2,4-Dinitrotoluene	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
2,4-Dinitrotoluene	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
2,6-Dinitrotoluene	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
2,6-Dinitrotoluene	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Di-n-octylphthalate	ND	43	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Di-n-octylphthalate	ND	0.86	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Fluoranthene	ND	11	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Fluoranthene	2.8	0.22	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Fluorene	ND	11	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Fluorene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Hexachlorobenzene	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Hexachlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Hexachlorobutadiene	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Hexachlorobutadiene	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Hexachlorocyclopentadiene	ND	0.86	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Hexachlorocyclopentadiene	ND	43	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Hexachloroethane	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Hexachloroethane	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Indeno(1,2,3-cd)pyrene	1.3	0.22	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Indeno(1,2,3-cd)pyrene	ND	11	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Isophorone	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Isophorone	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-15 (0-2) | Sampled: 12/3/2010 07:40

Sample ID: 10L0137-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	11	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
2-Methylnaphthalene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
2-Methylphenol	ND	22	mg/Kg dry	50	R-05	SW-846 8270C	12/6/10	12/13/10 11:12	BGL
2-Methylphenol	ND	0.44	mg/Kg dry	1	R-05	SW-846 8270C	12/6/10	12/11/10 17:06	BGL
3/4-Methylphenol	ND	22	mg/Kg dry	50	R-05	SW-846 8270C	12/6/10	12/13/10 11:12	BGL
3/4-Methylphenol	ND	0.44	mg/Kg dry	1	R-05	SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Naphthalene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Naphthalene	ND	11	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
2-Nitroaniline	ND	22	mg/Kg dry	50	R-05	SW-846 8270C	12/6/10	12/13/10 11:12	BGL
2-Nitroaniline	ND	0.44	mg/Kg dry	1	R-05	SW-846 8270C	12/6/10	12/11/10 17:06	BGL
3-Nitroaniline	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
3-Nitroaniline	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
4-Nitroaniline	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
4-Nitroaniline	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Nitrobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Nitrobenzene	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
2-Nitrophenol	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
2-Nitrophenol	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
4-Nitrophenol	ND	43	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
4-Nitrophenol	ND	0.86	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
N-Nitrosodiphenylamine	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
N-Nitrosodiphenylamine	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
N-Nitrosodi-n-propylamine	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
N-Nitrosodi-n-propylamine	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Pentachloronitrobenzene	ND	0.44	mg/Kg dry	1	V-16	SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Pentachloronitrobenzene	ND	22	mg/Kg dry	50	V-16	SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Pentachlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Pentachlorophenol	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Phenanthrene	1.6	0.22	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Phenanthrene	ND	11	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Phenol	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Phenol	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Pyrene	2.3	0.22	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Pyrene	ND	11	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
Pyridine	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
Pyridine	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
1,2,4,5-Tetrachlorobenzene	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
1,2,4-Trichlorobenzene	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
1,2,4-Trichlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
2,4,5-Trichlorophenol	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL
2,4,5-Trichlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL
2,4,6-Trichlorophenol	ND	22	mg/Kg dry	50		SW-846 8270C	12/6/10	12/13/10 11:12	BGL

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

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-15 (0-2) Sampled: 12/3/2010 07:40

Sample ID: 10L0137-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4,6-Trichlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 17:06	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	*	30-130	S-01	12/13/10 11:12
2-Fluorophenol	66.0	30-130		12/11/10 17:06
Phenol-d6	67.2	30-130		12/11/10 17:06
Phenol-d6	*	30-130	S-01	12/13/10 11:12
Nitrobenzene-d5	50.0	30-130		12/11/10 17:06
Nitrobenzene-d5	*	30-130	S-01	12/13/10 11:12
2-Fluorobiphenyl	*	30-130	S-01	12/13/10 11:12
2-Fluorobiphenyl	55.9	30-130		12/11/10 17:06
2,4,6-Tribromophenol	*	30-130	S-01	12/13/10 11:12
2,4,6-Tribromophenol	72.2	30-130		12/11/10 17:06
Terphenyl-d14	49.9	30-130		12/11/10 17:06
Terphenyl-d14	*	30-130	S-01	12/13/10 11:12

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-15 (0-2) Sampled: 12/3/2010 07:40

Sample ID: 10L0137-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	6.2	3.3	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:07	OP
Arsenic	5.3	3.3	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:07	OP
Barium	550	3.3	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:07	OP
Beryllium	ND	0.33	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:07	OP
Cadmium	1.3	0.33	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:07	OP
Chromium	14	0.66	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:07	OP
Copper	56	0.66	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:07	OP
Lead	530	1.0	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:07	OP
Mercury	0.71	0.015	mg/Kg dry	1		SW-846 7471A	12/6/10	12/7/10 14:15	CWB
Nickel	11	0.66	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:07	OP
Selenium	ND	6.6	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:07	OP
Silver	ND	0.66	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:07	OP
Thallium	ND	3.3	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:07	OP
Vanadium	33	1.3	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:07	OP
Zinc	520	1.3	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:07	OP

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-15 (0-2) | Sampled: 12/3/2010 07:40

Sample ID: 10L0137-01

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	76.9		% Wt	1		SM 2540G	12/7/10	12/7/10 15:16	VAF

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-15 (0-2) Sampled: 12/3/2010 07:40

Sample ID: 10L0137-01

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	7.8	5.0	µg/L	5		SW-846 6020A	12/10/10	12/10/10 13:51	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	12/10/10	12/10/10 13:51	KSH
Barium	62	50	µg/L	5		SW-846 6020A	12/10/10	12/10/10 13:51	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	12/10/10	12/10/10 13:51	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	12/10/10	12/10/10 13:51	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	12/10/10	12/10/10 13:51	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	12/10/10	12/10/10 13:51	KSH
Lead	61	5.0	µg/L	5		SW-846 6020A	12/10/10	12/10/10 13:51	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/10/10	12/10/10 13:49	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	12/10/10	12/10/10 13:51	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	12/10/10	12/10/10 13:51	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	12/10/10	12/10/10 13:51	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	12/10/10	12/10/10 13:51	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	12/10/10	12/10/10 13:51	KSH
Zinc	66	50	µg/L	5		SW-846 6020A	12/10/10	12/10/10 13:51	KSH

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-15 (6-8) | Sampled: 12/3/2010 07:50

Sample ID: 10L0137-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	mg/Kg dry	1	V-16	SW-846 8260B	12/6/10	12/6/10 15:31	MFF
Acrylonitrile	ND	0.0070	mg/Kg dry	1	V-16	SW-846 8260B	12/6/10	12/6/10 15:31	MFF
Benzene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
Bromobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
Bromodichloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
Bromoform	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
2-Butanone (MEK)	ND	0.047	mg/Kg dry	1	V-16	SW-846 8260B	12/6/10	12/6/10 15:31	MFF
n-Butylbenzene	ND	0.0047	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
sec-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
tert-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
Carbon Disulfide	ND	0.0070	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
Carbon Tetrachloride	ND	0.0047	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
Chlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
Chlorodibromomethane	ND	0.0047	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
Chloroethane	ND	0.023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
Chloroform	ND	0.0047	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
Chloromethane	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
2-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
4-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
Dibromomethane	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
1,2-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
1,3-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
1,4-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
trans-1,4-Dichloro-2-butene	ND	0.0047	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
1,1-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
1,2-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
1,1-Dichloroethylene	ND	0.0047	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
cis-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
trans-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
1,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
2,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
1,1-Dichloropropene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
cis-1,3-Dichloropropene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
trans-1,3-Dichloropropene	ND	0.0047	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
Ethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
Hexachlorobutadiene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
2-Hexanone (MBK)	ND	0.023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
Isopropylbenzene (Cumene)	ND	0.0047	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-15 (6-8) | Sampled: 12/3/2010 07:50

Sample ID: 10L0137-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0047	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
Methylene Chloride	ND	0.023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
Naphthalene	ND	0.0047	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
n-Propylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
Styrene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
Tetrachloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1	V-16	SW-846 8260B	12/6/10	12/6/10 15:31	MFF
Toluene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
1,2,3-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
1,2,4-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
1,1,1-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
1,1,2-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
Trichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
1,2,3-Trichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
1,2,4-Trimethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
1,3,5-Trimethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
m+p Xylene	ND	0.0047	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF
o-Xylene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:31	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	105	70-130		12/6/10 15:31
Toluene-d8	94.4	70-130		12/6/10 15:31
4-Bromofluorobenzene	93.8	70-130		12/6/10 15:31

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-15 (6-8) | Sampled: 12/3/2010 07:50

Sample ID: 10L0137-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.21	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Acenaphthylene	ND	0.21	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Aniline	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Anthracene	0.27	0.21	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Benzo(a)anthracene	1.3	0.21	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Benzo(a)pyrene	1.6	0.21	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Benzo(b)fluoranthene	2.3	0.21	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Benzo(g,h,i)perylene	0.79	0.21	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Benzo(k)fluoranthene	0.84	0.21	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Bis(2-chloroethoxy)methane	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Bis(2-chloroethyl)ether	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Bis(2-chloroisopropyl)ether	ND	0.43	mg/Kg dry	1	V-04, V-05	SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
4-Bromophenylphenylether	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Butylbenzylphthalate	ND	0.83	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Carbazole	ND	0.21	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
4-Chloroaniline	ND	0.83	mg/Kg dry	1	L-04	SW-846 8270C	12/6/10	12/9/10 19:01	BGL
4-Chloro-3-methylphenol	ND	0.83	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
2-Chloronaphthalene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
2-Chlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
4-Chlorophenylphenylether	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Chrysene	1.3	0.21	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Dibenz(a,h)anthracene	ND	0.21	mg/Kg dry	1	V-06	SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Dibenzofuran	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Di-n-butylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
3,3-Dichlorobenzidine	ND	0.21	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
2,4-Dichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Diethylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
2,4-Dimethylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Dimethylphthalate	ND	0.83	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
4,6-Dinitro-2-methylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
2,4-Dinitrophenol	ND	0.83	mg/Kg dry	1	V-04	SW-846 8270C	12/6/10	12/9/10 19:01	BGL
2,4-Dinitrotoluene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
2,6-Dinitrotoluene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Di-n-octylphthalate	ND	0.83	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Fluoranthene	2.0	0.21	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Fluorene	ND	0.21	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Hexachlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Hexachlorobutadiene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Hexachlorocyclopentadiene	ND	0.83	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Hexachloroethane	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Indeno(1,2,3-cd)pyrene	0.92	0.21	mg/Kg dry	1	V-06	SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Isophorone	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-15 (6-8) | Sampled: 12/3/2010 07:50

Sample ID: 10L0137-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
2-Methylphenol	ND	0.43	mg/Kg dry	1	R-05	SW-846 8270C	12/6/10	12/9/10 19:01	BGL
3/4-Methylphenol	ND	0.43	mg/Kg dry	1	R-05	SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Naphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
2-Nitroaniline	ND	0.43	mg/Kg dry	1	R-05	SW-846 8270C	12/6/10	12/9/10 19:01	BGL
3-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
4-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Nitrobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
2-Nitrophenol	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
4-Nitrophenol	ND	0.83	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
N-Nitrosodiphenylamine	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
N-Nitrosodi-n-propylamine	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Pentachloronitrobenzene	ND	0.43	mg/Kg dry	1	V-16	SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Pentachlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Phenanthrene	1.3	0.21	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Phenol	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Pyrene	1.6	0.21	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
Pyridine	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
1,2,4-Trichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
2,4,5-Trichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL
2,4,6-Trichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:01	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	77.3	30-130		12/9/10 19:01
Phenol-d6	86.3	30-130		12/9/10 19:01
Nitrobenzene-d5	58.1	30-130		12/9/10 19:01
2-Fluorobiphenyl	64.9	30-130		12/9/10 19:01
2,4,6-Tribromophenol	62.4	30-130		12/9/10 19:01
Terphenyl-d14	42.0	30-130		12/9/10 19:01

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-15 (6-8) | Sampled: 12/3/2010 07:50

Sample ID: 10L0137-02

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	6.2	mg/Kg dry	50		SW-846 8082	12/6/10	12/7/10 17:04	PJG
Aroclor-1221 [1]	ND	6.2	mg/Kg dry	50		SW-846 8082	12/6/10	12/7/10 17:04	PJG
Aroclor-1232 [1]	ND	6.2	mg/Kg dry	50		SW-846 8082	12/6/10	12/7/10 17:04	PJG
Aroclor-1242 [1]	47	6.2	mg/Kg dry	50		SW-846 8082	12/6/10	12/7/10 17:04	PJG
Aroclor-1248 [1]	ND	6.2	mg/Kg dry	50		SW-846 8082	12/6/10	12/7/10 17:04	PJG
Aroclor-1254 [1]	ND	6.2	mg/Kg dry	50		SW-846 8082	12/6/10	12/7/10 17:04	PJG
Aroclor-1260 [1]	ND	6.2	mg/Kg dry	50		SW-846 8082	12/6/10	12/7/10 17:04	PJG
Aroclor-1262 [1]	ND	6.2	mg/Kg dry	50		SW-846 8082	12/6/10	12/7/10 17:04	PJG
Aroclor-1268 [1]	ND	6.2	mg/Kg dry	50		SW-846 8082	12/6/10	12/7/10 17:04	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	12/7/10 17:04
Decachlorobiphenyl [2]	*	30-150	S-01	12/7/10 17:04
Tetrachloro-m-xylene [1]	*	30-150	S-01	12/7/10 17:04
Tetrachloro-m-xylene [2]	*	30-150	S-01	12/7/10 17:04

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-15 (6-8) | Sampled: 12/3/2010 07:50

Sample ID: 10L0137-02

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	320	130	mg/Kg dry	10		CTDEP ETPH	12/6/10	12/7/10 3:39	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	60.0	50-150				12/7/10 3:39	

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-15 (6-8) Sampled: 12/3/2010 07:50

Sample ID: 10L0137-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	3.8	3.2	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:11	OP
Arsenic	28	3.2	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:11	OP
Barium	550	3.2	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:11	OP
Beryllium	ND	0.32	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:11	OP
Cadmium	1.3	0.32	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:11	OP
Chromium	11	0.64	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:11	OP
Copper	64	0.64	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:11	OP
Lead	410	0.96	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:11	OP
Mercury	1.8	0.051	mg/Kg dry	3		SW-846 7471A	12/6/10	12/7/10 14:38	CWB
Nickel	12	0.64	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:11	OP
Selenium	ND	6.4	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:11	OP
Silver	ND	0.64	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:11	OP
Thallium	ND	3.2	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:11	OP
Vanadium	39	1.3	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:11	OP
Zinc	540	1.3	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:11	OP

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-15 (6-8) | Sampled: 12/3/2010 07:50

Sample ID: 10L0137-02

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.56	mg/Kg dry	1		SW846 9014	12/9/10	12/9/10 10:45	VAK
% Solids	79.4		% Wt	1		SM 2540G	12/7/10	12/7/10 15:16	VAF

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-15 (6-8) Sampled: 12/3/2010 07:50

Sample ID: 10L0137-02

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	6.5	5.0	µg/L	5		SW-846 6020A	12/10/10	12/10/10 13:55	KSH
Arsenic	6.6	2.0	µg/L	5		SW-846 6020A	12/10/10	12/10/10 13:55	KSH
Barium	71	50	µg/L	5		SW-846 6020A	12/10/10	12/10/10 13:55	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	12/10/10	12/10/10 13:55	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	12/10/10	12/10/10 13:55	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	12/10/10	12/10/10 13:55	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	12/10/10	12/10/10 13:55	KSH
Lead	24	5.0	µg/L	5		SW-846 6020A	12/10/10	12/10/10 13:55	KSH
Mercury	0.00013	0.00010	mg/L	1		SW-846 7470A	12/10/10	12/10/10 13:53	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	12/10/10	12/10/10 13:55	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	12/10/10	12/10/10 13:55	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	12/10/10	12/10/10 13:55	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	12/10/10	12/10/10 13:55	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	12/10/10	12/10/10 13:55	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	12/10/10	12/10/10 13:55	KSH

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-14 (0-2) | Sampled: 12/3/2010 09:05

Sample ID: 10L0137-03

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 13:54	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 13:54	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 13:54	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 13:54	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 13:54	PJG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 13:54	PJG
Aroclor-1260 [1]	0.23	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 13:54	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 13:54	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 13:54	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	90.6	30-150		12/7/10 13:54
Decachlorobiphenyl [2]	101	30-150		12/7/10 13:54
Tetrachloro-m-xylene [1]	97.5	30-150		12/7/10 13:54
Tetrachloro-m-xylene [2]	96.1	30-150		12/7/10 13:54

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-14 (0-2) Sampled: 12/3/2010 09:05

Sample ID: 10L0137-03

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	900	460	mg/Kg dry	40		CTDEP ETPH	12/6/10	12/7/10 3:57	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	71.8	50-150				12/7/10 3:57	

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-14 (0-2) Sampled: 12/3/2010 09:05

Sample ID: 10L0137-03

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.4		% Wt	1		SM 2540G	12/7/10	12/7/10 15:16	VAF

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-14 (7-9) | Sampled: 12/3/2010 09:10

Sample ID: 10L0137-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.095	mg/Kg dry	1	V-16	SW-846 8260B	12/6/10	12/6/10 15:56	MFF
Acrylonitrile	ND	0.0057	mg/Kg dry	1	V-16	SW-846 8260B	12/6/10	12/6/10 15:56	MFF
Benzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
Bromobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
Bromodichloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
Bromoform	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
Bromomethane	ND	0.0095	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
2-Butanone (MEK)	ND	0.038	mg/Kg dry	1	V-16	SW-846 8260B	12/6/10	12/6/10 15:56	MFF
n-Butylbenzene	ND	0.0038	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
sec-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
tert-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
Carbon Disulfide	ND	0.0057	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
Carbon Tetrachloride	ND	0.0038	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
Chlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
Chlorodibromomethane	ND	0.0038	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
Chloroethane	ND	0.019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
Chloroform	ND	0.0038	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
Chloromethane	ND	0.0095	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
2-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
4-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
1,2-Dibromoethane (EDB)	ND	0.00095	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
Dibromomethane	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
1,2-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
1,3-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
1,4-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
trans-1,4-Dichloro-2-butene	ND	0.0038	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
1,1-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
1,2-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
1,1-Dichloroethylene	ND	0.0038	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
cis-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
trans-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
1,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
1,3-Dichloropropane	ND	0.00095	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
2,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
1,1-Dichloropropene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
cis-1,3-Dichloropropene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
trans-1,3-Dichloropropene	ND	0.0038	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
Ethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
Hexachlorobutadiene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
2-Hexanone (MBK)	ND	0.019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
Isopropylbenzene (Cumene)	ND	0.0038	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-14 (7-9) | Sampled: 12/3/2010 09:10

Sample ID: 10L0137-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0038	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
Methylene Chloride	ND	0.019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
Naphthalene	ND	0.0038	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
n-Propylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
Styrene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
1,1,1,2-Tetrachloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
1,1,2,2-Tetrachloroethane	ND	0.00095	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
Tetrachloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
Tetrahydrofuran	ND	0.0095	mg/Kg dry	1	V-16	SW-846 8260B	12/6/10	12/6/10 15:56	MFF
Toluene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
1,2,3-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
1,2,4-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
1,1,1-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
1,1,2-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
Trichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0095	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
1,2,3-Trichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0095	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
1,2,4-Trimethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
1,3,5-Trimethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
Vinyl Chloride	ND	0.0095	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
m+p Xylene	ND	0.0038	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF
o-Xylene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 15:56	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	103	70-130		12/6/10 15:56
Toluene-d8	94.9	70-130		12/6/10 15:56
4-Bromofluorobenzene	95.2	70-130		12/6/10 15:56

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-14 (7-9) | Sampled: 12/3/2010 09:10

Sample ID: 10L0137-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Acenaphthylene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Aniline	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Anthracene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Benzo(a)anthracene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Benzo(a)pyrene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Benzo(b)fluoranthene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Benzo(g,h,i)perylene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Benzo(k)fluoranthene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Bis(2-chloroethoxy)methane	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Bis(2-chloroethyl)ether	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Bis(2-chloroisopropyl)ether	ND	0.35	mg/Kg dry	1	V-04, V-05	SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
4-Bromophenylphenylether	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Butylbenzylphthalate	ND	0.68	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Carbazole	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
4-Chloroaniline	ND	0.68	mg/Kg dry	1	L-04	SW-846 8270C	12/6/10	12/9/10 19:33	BGL
4-Chloro-3-methylphenol	ND	0.68	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
2-Chloronaphthalene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
2-Chlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
4-Chlorophenylphenylether	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Chrysene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Dibenz(a,h)anthracene	ND	0.17	mg/Kg dry	1	V-20	SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Dibenzofuran	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Di-n-butylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
3,3-Dichlorobenzidine	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
2,4-Dichlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Diethylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
2,4-Dimethylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Dimethylphthalate	ND	0.68	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
4,6-Dinitro-2-methylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
2,4-Dinitrophenol	ND	0.68	mg/Kg dry	1	V-04	SW-846 8270C	12/6/10	12/9/10 19:33	BGL
2,4-Dinitrotoluene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
2,6-Dinitrotoluene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Di-n-octylphthalate	ND	0.68	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Fluoranthene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Fluorene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Hexachlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Hexachlorobutadiene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Hexachlorocyclopentadiene	ND	0.68	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Hexachloroethane	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg dry	1	V-20	SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Isophorone	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-14 (7-9) | Sampled: 12/3/2010 09:10

Sample ID: 10L0137-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
2-Methylphenol	ND	0.35	mg/Kg dry	1	R-05	SW-846 8270C	12/6/10	12/9/10 19:33	BGL
3/4-Methylphenol	ND	0.35	mg/Kg dry	1	R-05	SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Naphthalene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
2-Nitroaniline	ND	0.35	mg/Kg dry	1	R-05	SW-846 8270C	12/6/10	12/9/10 19:33	BGL
3-Nitroaniline	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
4-Nitroaniline	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Nitrobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
2-Nitrophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
4-Nitrophenol	ND	0.68	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
N-Nitrosodiphenylamine	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
N-Nitrosodi-n-propylamine	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Pentachloronitrobenzene	ND	0.35	mg/Kg dry	1	V-16	SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Pentachlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Phenanthrene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Phenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Pyrene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
Pyridine	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
1,2,4-Trichlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
2,4,5-Trichlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL
2,4,6-Trichlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 19:33	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	102	30-130		12/9/10 19:33
Phenol-d6	108	30-130		12/9/10 19:33
Nitrobenzene-d5	76.8	30-130		12/9/10 19:33
2-Fluorobiphenyl	95.7	30-130		12/9/10 19:33
2,4,6-Tribromophenol	87.2	30-130		12/9/10 19:33
Terphenyl-d14	74.5	30-130		12/9/10 19:33

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-14 (7-9) | Sampled: 12/3/2010 09:10

Sample ID: 10L0137-04

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 14:08	PJG
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 14:08	PJG
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 14:08	PJG
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 14:08	PJG
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 14:08	PJG
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 14:08	PJG
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 14:08	PJG
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 14:08	PJG
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 14:08	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	77.3	30-150		12/7/10 14:08
Decachlorobiphenyl [2]	82.2	30-150		12/7/10 14:08
Tetrachloro-m-xylene [1]	92.0	30-150		12/7/10 14:08
Tetrachloro-m-xylene [2]	96.9	30-150		12/7/10 14:08

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-14 (7-9) | Sampled: 12/3/2010 09:10

Sample ID: 10L0137-04

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	60	10	mg/Kg dry	1		CTDEP ETPH	12/6/10	12/7/10 4:16	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	79.9	50-150				12/7/10 4:16	

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-14 (7-9) Sampled: 12/3/2010 09:10

Sample ID: 10L0137-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	2.5	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:14	OP
Arsenic	ND	2.5	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:14	OP
Barium	17	2.5	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:14	OP
Beryllium	ND	0.25	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:14	OP
Cadmium	ND	0.25	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:14	OP
Chromium	5.4	0.50	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:14	OP
Copper	11	0.50	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:14	OP
Lead	5.4	0.75	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:14	OP
Mercury	0.044	0.012	mg/Kg dry	1		SW-846 7471A	12/6/10	12/7/10 14:19	CWB
Nickel	6.0	0.50	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:14	OP
Selenium	ND	5.0	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:14	OP
Silver	ND	0.50	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:14	OP
Thallium	ND	2.5	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:14	OP
Vanadium	10	1.0	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:14	OP
Zinc	16	1.0	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:14	OP

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-14 (7-9) | Sampled: 12/3/2010 09:10

Sample ID: 10L0137-04

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.35	mg/Kg dry	1		SW846 9014	12/9/10	12/9/10 10:45	VAK
% Solids	97.2		% Wt	1		SM 2540G	12/7/10	12/7/10 15:16	VAF

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-14 (7-9) Sampled: 12/3/2010 09:10

Sample ID: 10L0137-04

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:47	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:47	KSH
Barium	ND	50	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:47	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:47	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:47	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:47	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:47	KSH
Lead	ND	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:47	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/7/10	12/7/10 15:41	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:47	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:47	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:47	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:47	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:47	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:47	KSH

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-14B (7-9) | Sampled: 12/3/2010 09:15

Sample ID: 10L0137-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.097	mg/Kg dry	1	V-16	SW-846 8260B	12/6/10	12/6/10 16:22	MFF
Acrylonitrile	ND	0.0058	mg/Kg dry	1	V-16	SW-846 8260B	12/6/10	12/6/10 16:22	MFF
Benzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
Bromobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
Bromodichloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
Bromoform	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
Bromomethane	ND	0.0097	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
2-Butanone (MEK)	ND	0.039	mg/Kg dry	1	V-16	SW-846 8260B	12/6/10	12/6/10 16:22	MFF
n-Butylbenzene	ND	0.0039	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
sec-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
tert-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
Carbon Disulfide	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
Carbon Tetrachloride	ND	0.0039	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
Chlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
Chlorodibromomethane	ND	0.0039	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
Chloroethane	ND	0.019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
Chloroform	ND	0.0039	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
Chloromethane	ND	0.0097	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
2-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
4-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
1,2-Dibromoethane (EDB)	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
Dibromomethane	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
1,2-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
1,3-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
1,4-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
trans-1,4-Dichloro-2-butene	ND	0.0039	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
1,1-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
1,2-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
1,1-Dichloroethylene	ND	0.0039	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
cis-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
trans-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
1,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
1,3-Dichloropropane	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
2,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
1,1-Dichloropropene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
cis-1,3-Dichloropropene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
trans-1,3-Dichloropropene	ND	0.0039	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
Ethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
Hexachlorobutadiene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
2-Hexanone (MBK)	ND	0.019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
Isopropylbenzene (Cumene)	ND	0.0039	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-14B (7-9) | Sampled: 12/3/2010 09:15

Sample ID: 10L0137-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0039	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
Methylene Chloride	ND	0.019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
Naphthalene	ND	0.0039	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
n-Propylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
Styrene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
1,1,1,2-Tetrachloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
1,1,2,2-Tetrachloroethane	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
Tetrachloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
Tetrahydrofuran	ND	0.0097	mg/Kg dry	1	V-16	SW-846 8260B	12/6/10	12/6/10 16:22	MFF
Toluene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
1,2,3-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
1,2,4-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
1,1,1-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
1,1,2-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
Trichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0097	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
1,2,3-Trichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0097	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
1,2,4-Trimethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
1,3,5-Trimethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
Vinyl Chloride	ND	0.0097	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
m+p Xylene	ND	0.0039	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF
o-Xylene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/6/10	12/6/10 16:22	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	119	70-130		12/6/10 16:22
Toluene-d8	94.0	70-130		12/6/10 16:22
4-Bromofluorobenzene	95.6	70-130		12/6/10 16:22

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-14B (7-9) | Sampled: 12/3/2010 09:15

Sample ID: 10L0137-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Aniline	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Benzo(a)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Benzo(a)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Benzo(b)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Benzo(g,h,i)perylene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Bis(2-chloroethoxy)methane	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Bis(2-chloroethyl)ether	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Bis(2-chloroisopropyl)ether	ND	0.35	mg/Kg dry	1	V-04, V-05	SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
4-Bromophenylphenylether	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Butylbenzylphthalate	ND	0.69	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Carbazole	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
4-Chloroaniline	ND	0.69	mg/Kg dry	1	L-04	SW-846 8270C	12/6/10	12/9/10 20:04	BGL
4-Chloro-3-methylphenol	ND	0.69	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
2-Chloronaphthalene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
2-Chlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
4-Chlorophenylphenylether	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Chrysene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1	V-20	SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Dibenzofuran	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Di-n-butylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
2,4-Dichlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Diethylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
2,4-Dimethylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Dimethylphthalate	ND	0.69	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
4,6-Dinitro-2-methylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
2,4-Dinitrophenol	ND	0.69	mg/Kg dry	1	V-04	SW-846 8270C	12/6/10	12/9/10 20:04	BGL
2,4-Dinitrotoluene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
2,6-Dinitrotoluene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Di-n-octylphthalate	ND	0.69	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Hexachlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Hexachlorobutadiene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Hexachlorocyclopentadiene	ND	0.69	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Hexachloroethane	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Indeno(1,2,3-cd)pyrene	ND	0.18	mg/Kg dry	1	V-20	SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Isophorone	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-14B (7-9) | Sampled: 12/3/2010 09:15

Sample ID: 10L0137-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
2-Methylphenol	ND	0.35	mg/Kg dry	1	R-05	SW-846 8270C	12/6/10	12/9/10 20:04	BGL
3/4-Methylphenol	ND	0.35	mg/Kg dry	1	R-05	SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
2-Nitroaniline	ND	0.35	mg/Kg dry	1	R-05	SW-846 8270C	12/6/10	12/9/10 20:04	BGL
3-Nitroaniline	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
4-Nitroaniline	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Nitrobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
2-Nitrophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
4-Nitrophenol	ND	0.69	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
N-Nitrosodiphenylamine	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
N-Nitrosodi-n-propylamine	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Pentachloronitrobenzene	ND	0.35	mg/Kg dry	1	V-16	SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Pentachlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Phenanthrene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Phenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
Pyridine	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
1,2,4-Trichlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
2,4,5-Trichlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL
2,4,6-Trichlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:04	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	89.0	30-130		12/9/10 20:04
Phenol-d6	101	30-130		12/9/10 20:04
Nitrobenzene-d5	67.6	30-130		12/9/10 20:04
2-Fluorobiphenyl	96.3	30-130		12/9/10 20:04
2,4,6-Tribromophenol	70.3	30-130		12/9/10 20:04
Terphenyl-d14	74.2	30-130		12/9/10 20:04

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-14B (7-9) | Sampled: 12/3/2010 09:15

Sample ID: 10L0137-05

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 14:22	PJG
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 14:22	PJG
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 14:22	PJG
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 14:22	PJG
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 14:22	PJG
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 14:22	PJG
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 14:22	PJG
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 14:22	PJG
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 14:22	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	90.6	30-150		12/7/10 14:22
Decachlorobiphenyl [2]	96.9	30-150		12/7/10 14:22
Tetrachloro-m-xylene [1]	112	30-150		12/7/10 14:22
Tetrachloro-m-xylene [2]	116	30-150		12/7/10 14:22

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-14B (7-9) | Sampled: 12/3/2010 09:15

Sample ID: 10L0137-05

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	69	10	mg/Kg dry	1		CTDEP ETPH	12/6/10	12/7/10 4:34	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	76.1	50-150				12/7/10 4:34	

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-14B (7-9) Sampled: 12/3/2010 09:15

Sample ID: 10L0137-05

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	2.6	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:19	OP
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:19	OP
Barium	21	2.6	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:19	OP
Beryllium	ND	0.26	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:19	OP
Cadmium	ND	0.26	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:19	OP
Chromium	6.6	0.53	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:19	OP
Copper	11	0.53	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:19	OP
Lead	5.5	0.79	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:19	OP
Mercury	0.056	0.012	mg/Kg dry	1		SW-846 7471A	12/6/10	12/7/10 14:20	CWB
Nickel	6.7	0.53	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:19	OP
Selenium	ND	5.3	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:19	OP
Silver	ND	0.53	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:19	OP
Thallium	ND	2.6	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:19	OP
Vanadium	12	1.1	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:19	OP
Zinc	19	1.1	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:19	OP

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-14B (7-9) | Sampled: 12/3/2010 09:15

Sample ID: 10L0137-05

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.46	mg/Kg dry	1		SW846 9014	12/9/10	12/9/10 10:45	VAK
% Solids	95.9		% Wt	1		SM 2540G	12/7/10	12/7/10 15:16	VAF

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-14B (7-9) Sampled: 12/3/2010 09:15

Sample ID: 10L0137-05

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:51	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:51	KSH
Barium	ND	50	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:51	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:51	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:51	KSH
Chromium	6.7	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:51	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:51	KSH
Lead	5.5	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:51	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/7/10	12/7/10 15:43	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:51	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:51	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:51	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:51	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:51	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:51	KSH

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-16 (4-6) | Sampled: 12/3/2010 10:25

Sample ID: 10L0137-07

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Aniline	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Benzo(a)anthracene	0.23	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Benzo(a)pyrene	0.47	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Benzo(b)fluoranthene	0.68	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Benzo(g,h,i)perylene	0.20	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Benzo(k)fluoranthene	0.26	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1	V-04, V-05	SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Butylbenzylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Carbazole	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
4-Chloroaniline	ND	0.72	mg/Kg dry	1	L-04	SW-846 8270C	12/6/10	12/9/10 20:35	BGL
4-Chloro-3-methylphenol	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
4-Chlorophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Chrysene	0.36	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1	V-20	SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Dimethylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
4,6-Dinitro-2-methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
2,4-Dinitrophenol	ND	0.72	mg/Kg dry	1	V-04	SW-846 8270C	12/6/10	12/9/10 20:35	BGL
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Di-n-octylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Fluoranthene	0.35	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Hexachlorocyclopentadiene	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Indeno(1,2,3-cd)pyrene	0.26	0.19	mg/Kg dry	1	V-20	SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-16 (4-6) | Sampled: 12/3/2010 10:25

Sample ID: 10L0137-07

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
2-Methylphenol	ND	0.37	mg/Kg dry	1	R-05	SW-846 8270C	12/6/10	12/9/10 20:35	BGL
3/4-Methylphenol	ND	0.37	mg/Kg dry	1	R-05	SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
2-Nitroaniline	ND	0.37	mg/Kg dry	1	R-05	SW-846 8270C	12/6/10	12/9/10 20:35	BGL
3-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
4-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
4-Nitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
N-Nitrosodiphenylamine	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
N-Nitrosodi-n-propylamine	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Pentachloronitrobenzene	ND	0.37	mg/Kg dry	1	V-16	SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Pentachlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Phenanthrene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Pyrene	0.38	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
Pyridine	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 20:35	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	116	30-130		12/9/10 20:35
Phenol-d6	127	30-130		12/9/10 20:35
Nitrobenzene-d5	88.4	30-130		12/9/10 20:35
2-Fluorobiphenyl	113	30-130		12/9/10 20:35
2,4,6-Tribromophenol	103	30-130		12/9/10 20:35
Terphenyl-d14	92.2	30-130		12/9/10 20:35

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-16 (4-6) | Sampled: 12/3/2010 10:25

Sample ID: 10L0137-07

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 14:35	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 14:35	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 14:35	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 14:35	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 14:35	PJG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 14:35	PJG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 14:35	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 14:35	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 14:35	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	79.5	30-150		12/7/10 14:35
Decachlorobiphenyl [2]	85.8	30-150		12/7/10 14:35
Tetrachloro-m-xylene [1]	96.3	30-150		12/7/10 14:35
Tetrachloro-m-xylene [2]	98.6	30-150		12/7/10 14:35

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-16 (4-6) | Sampled: 12/3/2010 10:25

Sample ID: 10L0137-07

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	58	11	mg/Kg dry	1		CTDEP ETPH	12/6/10	12/7/10 4:53	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	82.7	50-150				12/7/10 4:53	

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-16 (4-6) Sampled: 12/3/2010 10:25

Sample ID: 10L0137-07

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	2.8	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:23	OP
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:23	OP
Barium	49	2.8	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:23	OP
Beryllium	ND	0.28	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:23	OP
Cadmium	0.29	0.28	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:23	OP
Chromium	9.9	0.56	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:23	OP
Copper	20	0.56	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:23	OP
Lead	95	0.84	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:23	OP
Mercury	0.32	0.014	mg/Kg dry	1		SW-846 7471A	12/6/10	12/7/10 14:22	CWB
Nickel	8.6	0.56	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:23	OP
Selenium	ND	5.6	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:23	OP
Silver	ND	0.56	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:23	OP
Thallium	ND	2.8	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:23	OP
Vanadium	20	1.1	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:23	OP
Zinc	95	1.1	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:23	OP

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-16 (4-6) | Sampled: 12/3/2010 10:25

Sample ID: 10L0137-07

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.43	mg/Kg dry	1		SW846 9014	12/9/10	12/9/10 10:45	VAK
% Solids	90.7		% Wt	1		SM 2540G	12/7/10	12/7/10 15:16	VAF

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-16 (4-6) Sampled: 12/3/2010 10:25

Sample ID: 10L0137-07

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	5.9	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:54	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:54	KSH
Barium	ND	50	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:54	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:54	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:54	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:54	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:54	KSH
Lead	17	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:54	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/7/10	12/7/10 15:44	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:54	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:54	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:54	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:54	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:54	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:54	KSH

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-13 (2-4) | Sampled: 12/3/2010 11:30

Sample ID: 10L0137-09

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Aniline	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Anthracene	0.37	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Benzo(a)anthracene	1.2	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Benzo(a)pyrene	1.4	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Benzo(b)fluoranthene	2.1	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Benzo(g,h,i)perylene	0.61	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Benzo(k)fluoranthene	0.70	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Bis(2-chloroethoxy)methane	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Bis(2-chloroethyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Bis(2-chloroisopropyl)ether	ND	0.38	mg/Kg dry	1	V-04, V-05	SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
4-Bromophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Butylbenzylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Carbazole	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
4-Chloroaniline	ND	0.74	mg/Kg dry	1	L-04	SW-846 8270C	12/6/10	12/9/10 21:06	BGL
4-Chloro-3-methylphenol	ND	0.74	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
2-Chloronaphthalene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
2-Chlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
4-Chlorophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Chrysene	1.2	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Dibenz(a,h)anthracene	0.21	0.19	mg/Kg dry	1	V-06	SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Dibenzofuran	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Di-n-butylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
2,4-Dichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Diethylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
2,4-Dimethylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Dimethylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
4,6-Dinitro-2-methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
2,4-Dinitrophenol	ND	0.74	mg/Kg dry	1	V-04	SW-846 8270C	12/6/10	12/9/10 21:06	BGL
2,4-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
2,6-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Di-n-octylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Fluoranthene	1.8	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Fluorene	0.19	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Hexachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Hexachlorobutadiene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Hexachlorocyclopentadiene	ND	0.74	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Hexachloroethane	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Indeno(1,2,3-cd)pyrene	0.87	0.19	mg/Kg dry	1	V-06	SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Isophorone	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-13 (2-4) | Sampled: 12/3/2010 11:30

Sample ID: 10L0137-09

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
2-Methylphenol	ND	0.38	mg/Kg dry	1	R-05	SW-846 8270C	12/6/10	12/9/10 21:06	BGL
3/4-Methylphenol	ND	0.38	mg/Kg dry	1	R-05	SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
2-Nitroaniline	ND	0.38	mg/Kg dry	1	R-05	SW-846 8270C	12/6/10	12/9/10 21:06	BGL
3-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
4-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Nitrobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
2-Nitrophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
4-Nitrophenol	ND	0.74	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
N-Nitrosodiphenylamine	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
N-Nitrosodi-n-propylamine	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Pentachloronitrobenzene	ND	0.38	mg/Kg dry	1	V-16	SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Pentachlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Phenanthrene	1.7	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Phenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Pyrene	1.4	0.19	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
Pyridine	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
1,2,4-Trichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
2,4,5-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL
2,4,6-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/6/10	12/9/10 21:06	BGL

Surrogates	% Recovery		Recovery Limits	Flag	
2-Fluorophenol	120		30-130		12/9/10 21:06
Phenol-d6	**135**	*	30-130	S-07	12/9/10 21:06
Nitrobenzene-d5	90.8		30-130		12/9/10 21:06
2-Fluorobiphenyl	125		30-130		12/9/10 21:06
2,4,6-Tribromophenol	98.7		30-130		12/9/10 21:06
Terphenyl-d14	83.6		30-130		12/9/10 21:06

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-13 (2-4) | Sampled: 12/3/2010 11:30

Sample ID: 10L0137-09

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 16:51	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 16:51	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 16:51	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 16:51	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 16:51	PJG
Aroclor-1254 [1]	0.67	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 16:51	PJG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 16:51	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 16:51	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 16:51	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	86.7	30-150		12/7/10 16:51
Decachlorobiphenyl [2]	104	30-150		12/7/10 16:51
Tetrachloro-m-xylene [1]	93.9	30-150		12/7/10 16:51
Tetrachloro-m-xylene [2]	99.2	30-150		12/7/10 16:51

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-13 (2-4) Sampled: 12/3/2010 11:30

Sample ID: 10L0137-09

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	300	56	mg/Kg dry	5		CTDEP ETPH	12/6/10	12/7/10 5:11	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	72.4	50-150				12/7/10 5:11	

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-13 (2-4) Sampled: 12/3/2010 11:30

Sample ID: 10L0137-09

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	2.8	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:27	OP
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:27	OP
Barium	160	2.8	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:27	OP
Beryllium	ND	0.28	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:27	OP
Cadmium	ND	0.28	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:27	OP
Chromium	8.2	0.56	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:27	OP
Copper	26	0.56	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:27	OP
Lead	110	0.83	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:27	OP
Mercury	0.45	0.015	mg/Kg dry	1		SW-846 7471A	12/6/10	12/7/10 14:28	CWB
Nickel	6.5	0.56	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:27	OP
Selenium	ND	5.6	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:27	OP
Silver	ND	0.56	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:27	OP
Thallium	ND	2.8	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:27	OP
Vanadium	14	1.1	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:27	OP
Zinc	130	1.1	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:27	OP

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-13 (2-4) | Sampled: 12/3/2010 11:30

Sample ID: 10L0137-09

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.35	mg/Kg dry	1		SW846 9014	12/9/10	12/9/10 10:45	VAK
% Solids	88.8		% Wt	1		SM 2540G	12/7/10	12/7/10 15:16	VAF

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-13 (2-4) Sampled: 12/3/2010 11:30

Sample ID: 10L0137-09

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	7.1	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:58	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:58	KSH
Barium	90	50	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:58	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:58	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:58	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:58	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:58	KSH
Lead	44	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:58	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/7/10	12/7/10 15:46	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:58	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:58	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:58	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:58	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:58	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	12/7/10	12/7/10 17:58	KSH

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-09 (7-9) | Sampled: 12/3/2010 13:00

Sample ID: 10L0137-11

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	1.0	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Acenaphthene	ND	0.89	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Acenaphthylene	0.24	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Acenaphthylene	ND	0.89	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Aniline	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Aniline	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Anthracene	1.3	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Anthracene	ND	0.89	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Benzo(a)anthracene	2.2	0.89	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Benzo(a)anthracene	3.6	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Benzo(a)pyrene	2.0	0.89	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Benzo(a)pyrene	3.3	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Benzo(b)fluoranthene	2.5	0.89	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Benzo(b)fluoranthene	4.3	0.18	mg/Kg dry	1	E	SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Benzo(g,h,i)perylene	1.1	0.89	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Benzo(g,h,i)perylene	1.6	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Benzo(k)fluoranthene	1.0	0.89	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Benzo(k)fluoranthene	1.5	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Bis(2-chloroethoxy)methane	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Bis(2-chloroethoxy)methane	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Bis(2-chloroethyl)ether	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Bis(2-chloroethyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Bis(2-chloroisopropyl)ether	ND	1.8	mg/Kg dry	5	V-04	SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Bis(2-chloroisopropyl)ether	ND	0.36	mg/Kg dry	1	V-04, V-05	SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Bis(2-Ethylhexyl)phthalate	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
4-Bromophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
4-Bromophenylphenylether	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Butylbenzylphthalate	ND	3.5	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Butylbenzylphthalate	ND	0.69	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Carbazole	ND	0.89	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Carbazole	0.60	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
4-Chloroaniline	ND	0.69	mg/Kg dry	1	L-04	SW-846 8270C	12/6/10	12/11/10 18:06	BGL
4-Chloroaniline	ND	3.5	mg/Kg dry	5	L-04	SW-846 8270C	12/6/10	12/11/10 18:37	BGL
4-Chloro-3-methylphenol	ND	0.69	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
4-Chloro-3-methylphenol	ND	3.5	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
2-Chloronaphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
2-Chloronaphthalene	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
2-Chlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
2-Chlorophenol	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
4-Chlorophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
4-Chlorophenylphenylether	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Chrysene	2.4	0.89	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-09 (7-9) | Sampled: 12/3/2010 13:00

Sample ID: 10L0137-11

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Chrysene	3.8	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Dibenz(a,h)anthracene	ND	0.89	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Dibenz(a,h)anthracene	0.50	0.18	mg/Kg dry	1	V-06	SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Dibenzofuran	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Dibenzofuran	0.85	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Di-n-butylphthalate	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Di-n-butylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
3,3-Dichlorobenzidine	ND	0.89	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
2,4-Dichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
2,4-Dichlorophenol	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Diethylphthalate	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Diethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
2,4-Dimethylphenol	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
2,4-Dimethylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Dimethylphthalate	ND	3.5	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Dimethylphthalate	ND	0.69	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
4,6-Dinitro-2-methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
4,6-Dinitro-2-methylphenol	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
2,4-Dinitrophenol	ND	0.69	mg/Kg dry	1	V-04	SW-846 8270C	12/6/10	12/11/10 18:06	BGL
2,4-Dinitrophenol	ND	3.5	mg/Kg dry	5	V-04	SW-846 8270C	12/6/10	12/11/10 18:37	BGL
2,4-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
2,4-Dinitrotoluene	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
2,6-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
2,6-Dinitrotoluene	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Di-n-octylphthalate	ND	3.5	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Di-n-octylphthalate	ND	0.69	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Fluoranthene	5.6	0.89	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Fluoranthene	7.2	0.18	mg/Kg dry	1	E	SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Fluorene	ND	0.89	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Fluorene	0.84	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Hexachlorobenzene	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Hexachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Hexachlorobutadiene	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Hexachlorobutadiene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Hexachlorocyclopentadiene	ND	3.5	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Hexachlorocyclopentadiene	ND	0.69	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Hexachloroethane	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Hexachloroethane	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Indeno(1,2,3-cd)pyrene	1.3	0.89	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Indeno(1,2,3-cd)pyrene	2.1	0.18	mg/Kg dry	1	V-06	SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Isophorone	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Isophorone	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-09 (7-9) | Sampled: 12/3/2010 13:00

Sample ID: 10L0137-11

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	0.21	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
2-Methylnaphthalene	ND	0.89	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
2-Methylphenol	ND	0.36	mg/Kg dry	1	R-05	SW-846 8270C	12/6/10	12/11/10 18:06	BGL
2-Methylphenol	ND	1.8	mg/Kg dry	5	R-05	SW-846 8270C	12/6/10	12/11/10 18:37	BGL
3/4-Methylphenol	ND	0.36	mg/Kg dry	1	R-05	SW-846 8270C	12/6/10	12/11/10 18:06	BGL
3/4-Methylphenol	ND	1.8	mg/Kg dry	5	R-05	SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Naphthalene	ND	0.89	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Naphthalene	0.22	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
2-Nitroaniline	ND	0.36	mg/Kg dry	1	R-05	SW-846 8270C	12/6/10	12/11/10 18:06	BGL
2-Nitroaniline	ND	1.8	mg/Kg dry	5	R-05	SW-846 8270C	12/6/10	12/11/10 18:37	BGL
3-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
3-Nitroaniline	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
4-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
4-Nitroaniline	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Nitrobenzene	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Nitrobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
2-Nitrophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
2-Nitrophenol	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
4-Nitrophenol	ND	0.69	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
4-Nitrophenol	ND	3.5	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
N-Nitrosodiphenylamine	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
N-Nitrosodiphenylamine	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
N-Nitrosodi-n-propylamine	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
N-Nitrosodi-n-propylamine	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Pentachloronitrobenzene	ND	1.8	mg/Kg dry	5	V-16	SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Pentachloronitrobenzene	ND	0.36	mg/Kg dry	1	V-16	SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Pentachlorophenol	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Pentachlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Phenanthrene	5.9	0.89	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Phenanthrene	9.2	0.18	mg/Kg dry	1	E	SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Phenol	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Phenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Pyrene	5.1	0.89	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Pyrene	7.4	0.18	mg/Kg dry	1	E	SW-846 8270C	12/6/10	12/11/10 18:06	BGL
Pyridine	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
Pyridine	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
1,2,4,5-Tetrachlorobenzene	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
1,2,4-Trichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
1,2,4-Trichlorobenzene	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
2,4,5-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL
2,4,5-Trichlorophenol	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL
2,4,6-Trichlorophenol	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/6/10	12/11/10 18:37	BGL

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-09 (7-9) | Sampled: 12/3/2010 13:00

Sample ID: 10L0137-11

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4,6-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/11/10 18:06	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	68.1	30-130		12/11/10 18:06
2-Fluorophenol	40.1	30-130		12/11/10 18:37
Phenol-d6	39.9	30-130		12/11/10 18:37
Phenol-d6	66.8	30-130		12/11/10 18:06
Nitrobenzene-d5	30.8	30-130		12/11/10 18:37
Nitrobenzene-d5	55.3	30-130		12/11/10 18:06
2-Fluorobiphenyl	61.7	30-130		12/11/10 18:06
2-Fluorobiphenyl	37.2	30-130		12/11/10 18:37
2,4,6-Tribromophenol	79.3	30-130		12/11/10 18:06
2,4,6-Tribromophenol	48.8	30-130		12/11/10 18:37
Terphenyl-d14	43.9	30-130		12/11/10 18:37
Terphenyl-d14	65.2	30-130		12/11/10 18:06

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-09 (7-9) | Sampled: 12/3/2010 13:00

Sample ID: 10L0137-11

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 15:02	PJG
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 15:02	PJG
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 15:02	PJG
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 15:02	PJG
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 15:02	PJG
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 15:02	PJG
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 15:02	PJG
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 15:02	PJG
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 15:02	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	85.2	30-150		12/7/10 15:02
Decachlorobiphenyl [2]	95.6	30-150		12/7/10 15:02
Tetrachloro-m-xylene [1]	93.9	30-150		12/7/10 15:02
Tetrachloro-m-xylene [2]	96.3	30-150		12/7/10 15:02

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-09 (7-9) | Sampled: 12/3/2010 13:00

Sample ID: 10L0137-11

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	390	210	mg/Kg dry	20		CTDEP ETPH	12/6/10	12/7/10 5:30	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	88.0	50-150				12/7/10 5:30	

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-09 (7-9) Sampled: 12/3/2010 13:00

Sample ID: 10L0137-11

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	2.6	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:32	OP
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:32	OP
Barium	65	2.6	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:32	OP
Beryllium	ND	0.26	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:32	OP
Cadmium	ND	0.26	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:32	OP
Chromium	8.2	0.52	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:32	OP
Copper	22	0.52	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:32	OP
Lead	180	0.79	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:32	OP
Mercury	1.7	0.070	mg/Kg dry	5		SW-846 7471A	12/6/10	12/7/10 14:39	CWB
Nickel	6.9	0.52	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:32	OP
Selenium	ND	5.2	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:32	OP
Silver	ND	0.52	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:32	OP
Thallium	ND	2.6	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:32	OP
Vanadium	16	1.0	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:32	OP
Zinc	110	1.0	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:32	OP

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-09 (7-9) | Sampled: 12/3/2010 13:00

Sample ID: 10L0137-11

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.52	mg/Kg dry	1		SW846 9014	12/9/10	12/9/10 10:45	VAK
% Solids	95.5		% Wt	1		SM 2540G	12/7/10	12/7/10 15:16	VAF

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-09 (7-9) Sampled: 12/3/2010 13:00

Sample ID: 10L0137-11

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 18:15	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 18:15	KSH
Barium	56	50	µg/L	5		SW-846 6020A	12/7/10	12/7/10 18:15	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	12/7/10	12/8/10 11:27	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	12/7/10	12/7/10 18:15	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 18:15	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 18:15	KSH
Lead	53	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 18:15	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/7/10	12/7/10 15:48	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 18:15	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 18:15	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	12/7/10	12/7/10 18:15	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 18:15	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 18:15	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	12/7/10	12/7/10 18:15	KSH

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-10 (4-6) | Sampled: 12/3/2010 13:32

Sample ID: 10L0137-12

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Aniline	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Benzo(a)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Benzo(a)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Benzo(b)fluoranthene	0.21	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Benzo(g,h,i)perylene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Bis(2-chloroethoxy)methane	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Bis(2-chloroethyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Bis(2-chloroisopropyl)ether	ND	0.36	mg/Kg dry	1	V-04, V-05	SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
4-Bromophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Butylbenzylphthalate	ND	0.70	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Carbazole	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
4-Chloroaniline	ND	0.70	mg/Kg dry	1	L-04	SW-846 8270C	12/6/10	12/13/10 9:33	BGL
4-Chloro-3-methylphenol	ND	0.70	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
2-Chloronaphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
2-Chlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
4-Chlorophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Chrysene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1	V-20	SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Dibenzofuran	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Di-n-butylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
2,4-Dichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Diethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
2,4-Dimethylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Dimethylphthalate	ND	0.70	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
4,6-Dinitro-2-methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
2,4-Dinitrophenol	ND	0.70	mg/Kg dry	1	V-04	SW-846 8270C	12/6/10	12/13/10 9:33	BGL
2,4-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
2,6-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Di-n-octylphthalate	ND	0.70	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Fluoranthene	0.27	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Hexachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Hexachlorobutadiene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Hexachlorocyclopentadiene	ND	0.70	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Hexachloroethane	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Indeno(1,2,3-cd)pyrene	ND	0.18	mg/Kg dry	1	V-06	SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Isophorone	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-10 (4-6) | Sampled: 12/3/2010 13:32

Sample ID: 10L0137-12

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
2-Methylphenol	ND	0.36	mg/Kg dry	1	R-05	SW-846 8270C	12/6/10	12/13/10 9:33	BGL
3/4-Methylphenol	ND	0.36	mg/Kg dry	1	R-05	SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
2-Nitroaniline	ND	0.36	mg/Kg dry	1	R-05	SW-846 8270C	12/6/10	12/13/10 9:33	BGL
3-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
4-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Nitrobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
2-Nitrophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
4-Nitrophenol	ND	0.70	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
N-Nitrosodiphenylamine	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
N-Nitrosodi-n-propylamine	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Pentachloronitrobenzene	ND	0.36	mg/Kg dry	1	V-16	SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Pentachlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Phenanthrene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Phenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Pyrene	0.22	0.18	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
Pyridine	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
1,2,4-Trichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
2,4,5-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL
2,4,6-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/6/10	12/13/10 9:33	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	77.8	30-130		12/13/10 9:33
Phenol-d6	78.3	30-130		12/13/10 9:33
Nitrobenzene-d5	63.5	30-130		12/13/10 9:33
2-Fluorobiphenyl	72.1	30-130		12/13/10 9:33
2,4,6-Tribromophenol	94.0	30-130		12/13/10 9:33
Terphenyl-d14	76.5	30-130		12/13/10 9:33

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-10 (4-6) | Sampled: 12/3/2010 13:32

Sample ID: 10L0137-12

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 15:16	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 15:16	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 15:16	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 15:16	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 15:16	PJG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 15:16	PJG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 15:16	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 15:16	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/6/10	12/7/10 15:16	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	90.4	30-150		12/7/10 15:16
Decachlorobiphenyl [2]	103	30-150		12/7/10 15:16
Tetrachloro-m-xylene [1]	107	30-150		12/7/10 15:16
Tetrachloro-m-xylene [2]	113	30-150		12/7/10 15:16

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-10 (4-6) | Sampled: 12/3/2010 13:32

Sample ID: 10L0137-12

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	52	11	mg/Kg dry	1		CTDEP ETPH	12/6/10	12/7/10 5:30	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	71.7	50-150				12/7/10 5:30	

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-10 (4-6) Sampled: 12/3/2010 13:32

Sample ID: 10L0137-12

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	2.6	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:36	OP
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:36	OP
Barium	73	2.6	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:36	OP
Beryllium	ND	0.26	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:36	OP
Cadmium	ND	0.26	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:36	OP
Chromium	8.2	0.52	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:36	OP
Copper	17	0.52	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:36	OP
Lead	34	0.78	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:36	OP
Mercury	0.064	0.013	mg/Kg dry	1		SW-846 7471A	12/6/10	12/7/10 14:31	CWB
Nickel	7.4	0.52	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:36	OP
Selenium	ND	5.2	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:36	OP
Silver	ND	0.52	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:36	OP
Thallium	ND	2.6	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:36	OP
Vanadium	17	1.0	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:36	OP
Zinc	83	1.0	mg/Kg dry	1		SW-846 6010B	12/7/10	12/8/10 15:36	OP

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-10 (4-6) | Sampled: 12/3/2010 13:32

Sample ID: 10L0137-12

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.29	mg/Kg dry	1	R-06	SW846 9014	12/9/10	12/9/10 10:45	VAK
% Solids	93.7		% Wt	1		SM 2540G	12/7/10	12/7/10 15:16	VAF

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: GDC-TP-10 (4-6) Sampled: 12/3/2010 13:32

Sample ID: 10L0137-12

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 18:18	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 18:18	KSH
Barium	53	50	µg/L	5		SW-846 6020A	12/7/10	12/7/10 18:18	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	12/7/10	12/8/10 11:31	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	12/7/10	12/7/10 18:18	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 18:18	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 18:18	KSH
Lead	6.9	5.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 18:18	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/7/10	12/7/10 15:49	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 18:18	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 18:18	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	12/7/10	12/7/10 18:18	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	12/7/10	12/7/10 18:18	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	12/7/10	12/7/10 18:18	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	12/7/10	12/7/10 18:18	KSH

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: TB20101203 | Sampled: 12/3/2010 12:00

Sample ID: 10L0137-13

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	mg/Kg wet	1	V-16	SW-846 8260B	12/6/10	12/6/10 16:48	MFF
Acrylonitrile	ND	0.0060	mg/Kg wet	1	V-16	SW-846 8260B	12/6/10	12/6/10 16:48	MFF
Benzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
Bromobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
Bromodichloromethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
Bromoform	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
Bromomethane	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
2-Butanone (MEK)	ND	0.040	mg/Kg wet	1	V-16	SW-846 8260B	12/6/10	12/6/10 16:48	MFF
n-Butylbenzene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
sec-Butylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
tert-Butylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
Carbon Disulfide	ND	0.0060	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
Carbon Tetrachloride	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
Chlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
Chlorodibromomethane	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
Chloroethane	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
Chloroform	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
Chloromethane	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
Dibromomethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
cis-1,3-Dichloropropene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
trans-1,3-Dichloropropene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
Ethylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
2-Hexanone (MBK)	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
Isopropylbenzene (Cumene)	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: TB20101203 | Sampled: 12/3/2010 12:00

Sample ID: 10L0137-13

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
Methylene Chloride	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
Naphthalene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
n-Propylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
Styrene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
Tetrachloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
Tetrahydrofuran	ND	0.010	mg/Kg wet	1	V-16	SW-846 8260B	12/6/10	12/6/10 16:48	MFF
Toluene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
Trichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
Vinyl Chloride	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
m+p Xylene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF
o-Xylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/6/10	12/6/10 16:48	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	115	70-130		12/6/10 16:48
Toluene-d8	96.3	70-130		12/6/10 16:48
4-Bromofluorobenzene	99.6	70-130		12/6/10 16:48

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: FB20101203 | Sampled: 12/3/2010 00:00

Sample ID: 10L0137-14

Sample Matrix: Field Blank

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	5.0	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
Benzene	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
Bromoform	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
Bromomethane	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
2-Butanone (MEK)	ND	2.0	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
Chloroethane	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
Chloroform	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
Chloromethane	ND	1.0	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
Hexachlorobutadiene	ND	0.40	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: FB20101203 | Sampled: 12/3/2010 00:00

Sample ID: 10L0137-14

Sample Matrix: Field Blank

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	12/4/10	12/7/10 14:48	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	84.0	70-130		12/7/10 14:48
Toluene-d8	88.0	70-130		12/7/10 14:48
4-Bromofluorobenzene	100	70-130		12/7/10 14:48

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: FB20101203 | Sampled: 12/3/2010 00:00

Sample ID: 10L0137-14

Sample Matrix: Field Blank

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Acenaphthylene	ND	5.0	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Aniline	ND	5.0	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Anthracene	ND	5.0	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Benzo(a)anthracene	ND	5.0	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Benzo(a)pyrene	ND	5.0	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Benzo(b)fluoranthene	ND	5.0	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Benzo(g,h,i)perylene	ND	5.0	µg/L	1	R-05	SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Benzo(k)fluoranthene	ND	5.0	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
4-Chloroaniline	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Chrysene	ND	5.0	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Dibenz(a,h)anthracene	ND	5.0	µg/L	1	R-05	SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
2,4-Dinitrophenol	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Fluoranthene	ND	5.0	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Fluorene	ND	5.0	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Hexachloroethane	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Isophorone	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: FB20101203 | Sampled: 12/3/2010 00:00

Sample ID: 10L0137-14

Sample Matrix: Field Blank

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
2-Methylphenol	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Naphthalene	ND	5.0	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
4-Nitrophenol	ND	10	µg/L	1	V-05	SW-846 8270C	12/8/10	12/9/10 21:45	BGL
N-Nitrosodiphenylamine	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Pentachloronitrobenzene	ND	10	µg/L	1	V-16	SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Phenanthrene	ND	5.0	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Phenol	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Pyrene	ND	5.0	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
Pyridine	ND	5.0	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270C	12/8/10	12/9/10 21:45	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	41.6	15-110		12/9/10 21:45
Phenol-d6	29.9	15-110		12/9/10 21:45
Nitrobenzene-d5	66.1	30-130		12/9/10 21:45
2-Fluorobiphenyl	73.8	30-130		12/9/10 21:45
2,4,6-Tribromophenol	102	15-110		12/9/10 21:45
Terphenyl-d14	94.4	30-130		12/9/10 21:45

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: FB20101203 | Sampled: 12/3/2010 00:00

Sample ID: 10L0137-14

Sample Matrix: Field Blank

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082	12/8/10	12/8/10 19:38	PJG
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082	12/8/10	12/8/10 19:38	PJG
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082	12/8/10	12/8/10 19:38	PJG
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082	12/8/10	12/8/10 19:38	PJG
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082	12/8/10	12/8/10 19:38	PJG
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082	12/8/10	12/8/10 19:38	PJG
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082	12/8/10	12/8/10 19:38	PJG
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082	12/8/10	12/8/10 19:38	PJG
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082	12/8/10	12/8/10 19:38	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	49.8	30-150		12/8/10 19:38
Decachlorobiphenyl [2]	47.8	30-150		12/8/10 19:38
Tetrachloro-m-xylene [1]	97.2	30-150		12/8/10 19:38
Tetrachloro-m-xylene [2]	94.6	30-150		12/8/10 19:38

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: FB20101203 | Sampled: 12/3/2010 00:00

Sample ID: 10L0137-14

Sample Matrix: Field Blank

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.075	mg/L	1		CTDEP ETPH	12/9/10	12/9/10 21:08	CJM

Surrogates	% Recovery	Recovery Limits	Flag		
o-Terphenyl	89.8	50-150			12/9/10 21:08

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: FB20101203 | Sampled: 12/3/2010 00:00

Sample ID: 10L0137-14

Sample Matrix: Field Blank

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	12/8/10	12/8/10 14:59	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	12/8/10	12/8/10 14:59	KSH
Barium	ND	50	µg/L	5		SW-846 6020A	12/8/10	12/8/10 14:59	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	12/8/10	12/8/10 14:59	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	12/8/10	12/8/10 14:59	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	12/8/10	12/8/10 14:59	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	12/8/10	12/8/10 14:59	KSH
Lead	ND	5.0	µg/L	5		SW-846 6020A	12/8/10	12/8/10 14:59	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/6/10	12/6/10 15:55	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	12/8/10	12/8/10 14:59	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	12/8/10	12/8/10 14:59	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	12/8/10	12/8/10 14:59	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	12/8/10	12/8/10 14:59	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	12/8/10	12/8/10 14:59	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	12/8/10	12/8/10 14:59	KSH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0137

Date Received: 12/3/2010

Field Sample #: FB20101203 Sampled: 12/3/2010 00:00

Sample ID: 10L0137-14

Sample Matrix: Field Blank

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1		SM18-20 4500 CN E	12/9/10	12/9/10 10:45	VAK

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 3546-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0137-02 [GDC-TP-15 (6-8)]	B023213	30.0	1.00	12/06/10
10L0137-03 [GDC-TP-14 (0-2)]	B023213	30.0	1.00	12/06/10
10L0137-04 [GDC-TP-14 (7-9)]	B023213	30.0	1.00	12/06/10
10L0137-05 [GDC-TP-14B (7-9)]	B023213	30.2	1.00	12/06/10
10L0137-07 [GDC-TP-16 (4-6)]	B023213	30.0	1.00	12/06/10
10L0137-09 [GDC-TP-13 (2-4)]	B023213	30.0	1.00	12/06/10
10L0137-11 [GDC-TP-09 (7-9)]	B023213	30.1	1.00	12/06/10
10L0137-12 [GDC-TP-10 (4-6)]	B023213	30.0	1.00	12/06/10

Prep Method: SW-846 3510C-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0137-14RE1 [FB20101203]	B023424	1000	1.00	12/09/10

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
10L0137-01 [GDC-TP-15 (0-2)]	B023280	12/07/10
10L0137-02 [GDC-TP-15 (6-8)]	B023280	12/07/10
10L0137-03 [GDC-TP-14 (0-2)]	B023280	12/07/10
10L0137-04 [GDC-TP-14 (7-9)]	B023280	12/07/10
10L0137-05 [GDC-TP-14B (7-9)]	B023280	12/07/10
10L0137-07 [GDC-TP-16 (4-6)]	B023280	12/07/10
10L0137-09 [GDC-TP-13 (2-4)]	B023280	12/07/10
10L0137-11 [GDC-TP-09 (7-9)]	B023280	12/07/10
10L0137-12 [GDC-TP-10 (4-6)]	B023280	12/07/10

SM18-20 4500 CN E

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0137-14 [FB20101203]	B023421	50.0	50.0	12/09/10

Prep Method: SW-846 3050B-SW-846 6010B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0137-01 [GDC-TP-15 (0-2)]	B023301	0.978	50.0	12/07/10
10L0137-02 [GDC-TP-15 (6-8)]	B023301	0.987	50.0	12/07/10
10L0137-04 [GDC-TP-14 (7-9)]	B023301	1.03	50.0	12/07/10
10L0137-05 [GDC-TP-14B (7-9)]	B023301	0.988	50.0	12/07/10
10L0137-07 [GDC-TP-16 (4-6)]	B023301	0.989	50.0	12/07/10
10L0137-09 [GDC-TP-13 (2-4)]	B023301	1.01	50.0	12/07/10
10L0137-11 [GDC-TP-09 (7-9)]	B023301	0.998	50.0	12/07/10
10L0137-12 [GDC-TP-10 (4-6)]	B023301	1.03	50.0	12/07/10

Prep Method: SW-846 3010A-SW-846 6020A **Leachates were extracted on 12/6/2010 per SW-846 1312 in Batch B023253**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0137-04 [GDC-TP-14 (7-9)]	B023283	50.0	50.0	12/07/10
10L0137-05 [GDC-TP-14B (7-9)]	B023283	50.0	50.0	12/07/10

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Sample Extraction Data

Prep Method: SW-846 3010A-SW-846 6020A **Leachates were extracted on 12/6/2010 per SW-846 1312 in Batch B023253**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0137-07 [GDC-TP-16 (4-6)]	B023283	50.0	50.0	12/07/10
10L0137-09 [GDC-TP-13 (2-4)]	B023283	50.0	50.0	12/07/10
10L0137-11 [GDC-TP-09 (7-9)]	B023283	50.0	50.0	12/07/10
10L0137-12 [GDC-TP-10 (4-6)]	B023283	50.0	50.0	12/07/10

Prep Method: SW-846 3005A-SW-846 6020A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0137-14 [FB20101203]	B023375	50.0	50.0	12/08/10

Prep Method: SW-846 3010A-SW-846 6020A **Leachates were extracted on 12/6/2010 per SW-846 1312 in Batch B023253**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0137-01RE1 [GDC-TP-15 (0-2)]	B023479	50.0	50.0	12/10/10
10L0137-02RE1 [GDC-TP-15 (6-8)]	B023479	50.0	50.0	12/10/10

Prep Method: SW-846 7470A Prep-SW-846 7470A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0137-14 [FB20101203]	B023225	6.00	6.00	12/06/10

Prep Method: SW-846 7470A Prep-SW-846 7470A **Leachates were extracted on 12/6/2010 per SW-846 1312 in Batch B023253**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0137-04 [GDC-TP-14 (7-9)]	B023284	6.00	6.00	12/07/10
10L0137-05 [GDC-TP-14B (7-9)]	B023284	6.00	6.00	12/07/10
10L0137-07 [GDC-TP-16 (4-6)]	B023284	6.00	6.00	12/07/10
10L0137-09 [GDC-TP-13 (2-4)]	B023284	6.00	6.00	12/07/10
10L0137-11 [GDC-TP-09 (7-9)]	B023284	6.00	6.00	12/07/10
10L0137-12 [GDC-TP-10 (4-6)]	B023284	6.00	6.00	12/07/10

Prep Method: SW-846 7470A Prep-SW-846 7470A **Leachates were extracted on 12/6/2010 per SW-846 1312 in Batch B023253**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0137-01RE1 [GDC-TP-15 (0-2)]	B023483	6.00	6.00	12/10/10
10L0137-02RE1 [GDC-TP-15 (6-8)]	B023483	6.00	6.00	12/10/10

Prep Method: SW-846 7471-SW-846 7471A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0137-01 [GDC-TP-15 (0-2)]	B023223	0.211	25.0	12/06/10
10L0137-02 [GDC-TP-15 (6-8)]	B023223	0.184	25.0	12/06/10
10L0137-04 [GDC-TP-14 (7-9)]	B023223	0.209	25.0	12/06/10
10L0137-05 [GDC-TP-14B (7-9)]	B023223	0.219	25.0	12/06/10
10L0137-07 [GDC-TP-16 (4-6)]	B023223	0.202	25.0	12/06/10
10L0137-09 [GDC-TP-13 (2-4)]	B023223	0.189	25.0	12/06/10
10L0137-11 [GDC-TP-09 (7-9)]	B023223	0.186	25.0	12/06/10

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Sample Extraction Data

Prep Method: SW-846 7471-SW-846 7471A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0137-12 [GDC-TP-10 (4-6)]	B023223	0.206	25.0	12/06/10

Prep Method: SW-846 3546-SW-846 8082

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0137-02 [GDC-TP-15 (6-8)]	B023214	10.1	50.0	12/06/10
10L0137-03 [GDC-TP-14 (0-2)]	B023214	10.0	50.0	12/06/10
10L0137-04 [GDC-TP-14 (7-9)]	B023214	10.0	50.0	12/06/10
10L0137-05 [GDC-TP-14B (7-9)]	B023214	10.0	50.0	12/06/10
10L0137-07 [GDC-TP-16 (4-6)]	B023214	10.1	50.0	12/06/10
10L0137-09 [GDC-TP-13 (2-4)]	B023214	10.0	50.0	12/06/10
10L0137-11 [GDC-TP-09 (7-9)]	B023214	10.0	50.0	12/06/10
10L0137-12 [GDC-TP-10 (4-6)]	B023214	10.0	50.0	12/06/10

Prep Method: SW-846 3510C-SW-846 8082

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0137-14 [FB20101203]	B023342	1000	10.0	12/08/10

Prep Method: SW-846 5035-SW-846 8260B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0137-02 [GDC-TP-15 (6-8)]	B023251	5.40	10.0	12/06/10
10L0137-04 [GDC-TP-14 (7-9)]	B023251	5.40	10.0	12/06/10
10L0137-05 [GDC-TP-14B (7-9)]	B023251	5.40	10.0	12/06/10
10L0137-13 [TB20101203]	B023251	5.00	10.0	12/06/10

Prep Method: SW-846 5030B-SW-846 8260B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0137-14 [FB20101203]	B023155	5	5.00	12/04/10

Prep Method: SW-846 3546-SW-846 8270C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0137-01 [GDC-TP-15 (0-2)]	B023212	30.0	1.00	12/06/10
10L0137-01RE1 [GDC-TP-15 (0-2)]	B023212	30.0	1.00	12/06/10
10L0137-02 [GDC-TP-15 (6-8)]	B023212	30.0	1.00	12/06/10
10L0137-04 [GDC-TP-14 (7-9)]	B023212	30.0	1.00	12/06/10
10L0137-05 [GDC-TP-14B (7-9)]	B023212	30.0	1.00	12/06/10
10L0137-07 [GDC-TP-16 (4-6)]	B023212	30.3	1.00	12/06/10
10L0137-09 [GDC-TP-13 (2-4)]	B023212	30.0	1.00	12/06/10
10L0137-11 [GDC-TP-09 (7-9)]	B023212	30.0	1.00	12/06/10
10L0137-11RE1 [GDC-TP-09 (7-9)]	B023212	30.0	1.00	12/06/10
10L0137-12 [GDC-TP-10 (4-6)]	B023212	30.1	1.00	12/06/10

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Sample Extraction Data

Prep Method: SW-846 3510C-SW-846 8270C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0137-14 [FB20101203]	B023346	1000	1.00	12/08/10

SW846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0137-02 [GDC-TP-15 (6-8)]	B023416	1.13	50.0	12/09/10
10L0137-04 [GDC-TP-14 (7-9)]	B023416	1.46	50.0	12/09/10
10L0137-05 [GDC-TP-14B (7-9)]	B023416	1.13	50.0	12/09/10
10L0137-07 [GDC-TP-16 (4-6)]	B023416	1.27	50.0	12/09/10
10L0137-09 [GDC-TP-13 (2-4)]	B023416	1.63	50.0	12/09/10
10L0137-11 [GDC-TP-09 (7-9)]	B023416	1.01	50.0	12/09/10
10L0137-12 [GDC-TP-10 (4-6)]	B023416	1.85	50.0	12/09/10

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023155 - SW-846 5030B										
Blank (B023155-BLK1)				Prepared: 12/03/10 Analyzed: 12/07/10						
Acetone	ND	5.0	µg/L							
Acrylonitrile	ND	2.0	µg/L							
Benzene	ND	0.50	µg/L							
Bromobenzene	ND	0.50	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	0.50	µg/L							
Bromomethane	ND	0.50	µg/L							
2-Butanone (MEK)	ND	2.0	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	2.0	µg/L							
Carbon Tetrachloride	ND	0.50	µg/L							
Chlorobenzene	ND	0.50	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	0.50	µg/L							
Chloroform	ND	0.50	µg/L							
Chloromethane	ND	1.0	µg/L							
2-Chlorotoluene	ND	0.50	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	0.50	µg/L							
1,3-Dichlorobenzene	ND	0.50	µg/L							
1,4-Dichlorobenzene	ND	0.50	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L							
1,1-Dichloroethane	ND	0.50	µg/L							
1,2-Dichloroethane	ND	0.50	µg/L							
1,1-Dichloroethylene	ND	0.50	µg/L							
cis-1,2-Dichloroethylene	ND	0.50	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	0.50	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	0.50	µg/L							
1,1-Dichloropropene	ND	0.50	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	0.50	µg/L							
Hexachlorobutadiene	ND	0.40	µg/L							
2-Hexanone (MBK)	ND	5.0	µg/L							
Isopropylbenzene (Cumene)	ND	0.50	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023155 - SW-846 5030B										
Blank (B023155-BLK1)				Prepared: 12/03/10 Analyzed: 12/07/10						
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	0.50	µg/L							
1,2,4-Trichlorobenzene	ND	0.50	µg/L							
1,1,1-Trichloroethane	ND	0.50	µg/L							
1,1,2-Trichloroethane	ND	0.50	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	0.50	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L							
1,2,4-Trimethylbenzene	ND	0.50	µg/L							
1,3,5-Trimethylbenzene	ND	0.50	µg/L							
Vinyl Chloride	ND	1.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*25.1*		µg/L	25.0		100	70-130			
Surrogate: Toluene-d8	*24.8*		µg/L	25.0		99.0	70-130			
Surrogate: 4-Bromofluorobenzene	*24.6*		µg/L	25.0		98.5	70-130			
LCS (B023155-BS1)				Prepared: 12/03/10 Analyzed: 12/07/10						
Acetone	102	5.0	µg/L	100		102	70-130			†
Acrylonitrile	10.1	2.0	µg/L	10.0		101	70-130			
Benzene	10.9	0.50	µg/L	10.0		109	70-130			
Bromobenzene	11.6	0.50	µg/L	10.0		116	70-130			
Bromodichloromethane	10.1	0.50	µg/L	10.0		101	70-130			
Bromoform	7.98	0.50	µg/L	10.0		79.8	70-130			
Bromomethane	11.8	0.50	µg/L	10.0		118	70-130			†
2-Butanone (MEK)	113	2.0	µg/L	100		113	70-130			†
n-Butylbenzene	12.0	1.0	µg/L	10.0		120	70-130			
sec-Butylbenzene	12.9	1.0	µg/L	10.0		129	70-130			
tert-Butylbenzene	11.8	1.0	µg/L	10.0		118	70-130			†
Carbon Disulfide	108	2.0	µg/L	100		108	70-130			
Carbon Tetrachloride	9.56	0.50	µg/L	10.0		95.6	70-130			
Chlorobenzene	11.3	0.50	µg/L	10.0		113	70-130			
Chlorodibromomethane	11.4	0.50	µg/L	10.0		114	70-130			
Chloroethane	10.9	0.50	µg/L	10.0		109	70-130			
Chloroform	10.9	0.50	µg/L	10.0		109	70-130			
Chloromethane	11.0	1.0	µg/L	10.0		110	70-130			
2-Chlorotoluene	12.0	0.50	µg/L	10.0		120	70-130			
4-Chlorotoluene	11.7	1.0	µg/L	10.0		117	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	9.36	1.0	µg/L	10.0		93.6	70-130			
1,2-Dibromoethane (EDB)	13.0	0.50	µg/L	10.0		130	70-130			
Dibromomethane	11.4	0.50	µg/L	10.0		114	70-130			
1,2-Dichlorobenzene	11.2	0.50	µg/L	10.0		112	70-130			
1,3-Dichlorobenzene	12.5	0.50	µg/L	10.0		125	70-130			
1,4-Dichlorobenzene	10.8	0.50	µg/L	10.0		108	70-130			
trans-1,4-Dichloro-2-butene	11.1	2.0	µg/L	10.0		111	70-130			
Dichlorodifluoromethane (Freon 12)	10.7	0.50	µg/L	10.0		107	70-130			†
1,1-Dichloroethane	10.8	0.50	µg/L	10.0		108	70-130			
1,2-Dichloroethane	12.4	0.50	µg/L	10.0		124	70-130			
1,1-Dichloroethylene	10.5	0.50	µg/L	10.0		105	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B023155 - SW-846 5030B												
LCS (B023155-BS1)				Prepared: 12/03/10 Analyzed: 12/07/10								
cis-1,2-Dichloroethylene	11.0	0.50	µg/L	10.0		110		70-130				
trans-1,2-Dichloroethylene	9.99	1.0	µg/L	10.0		99.9		70-130				
1,2-Dichloropropane	11.5	0.50	µg/L	10.0		115		70-130				
1,3-Dichloropropane	13.2	0.50	µg/L	10.0		**132**	*	70-130			L-01	
2,2-Dichloropropane	11.2	0.50	µg/L	10.0		112		70-130				
1,1-Dichloropropene	10.9	0.50	µg/L	10.0		109		70-130				
cis-1,3-Dichloropropene	11.3	0.50	µg/L	10.0		113		70-130				
trans-1,3-Dichloropropene	12.6	0.50	µg/L	10.0		126		70-130				
Ethylbenzene	11.6	0.50	µg/L	10.0		116		70-130				
Hexachlorobutadiene	12.1	0.40	µg/L	10.0		121		70-130				
2-Hexanone (MBK)	141	5.0	µg/L	100		**141**	*	70-130			L-01	†
Isopropylbenzene (Cumene)	10.8	0.50	µg/L	10.0		108		70-130				
p-Isopropyltoluene (p-Cymene)	11.4	0.50	µg/L	10.0		114		70-130				
Methyl tert-Butyl Ether (MTBE)	11.2	0.50	µg/L	10.0		112		70-130				
Methylene Chloride	10.6	5.0	µg/L	10.0		106		70-130				†
4-Methyl-2-pentanone (MIBK)	128	5.0	µg/L	100		128		70-130				†
Naphthalene	13.1	2.0	µg/L	10.0		**131**	*	70-130			L-01	†
n-Propylbenzene	12.3	1.0	µg/L	10.0		123		70-130				
Styrene	9.43	1.0	µg/L	10.0		94.3		70-130				
1,1,1,2-Tetrachloroethane	9.87	0.50	µg/L	10.0		98.7		70-130				
1,1,2,2-Tetrachloroethane	12.6	0.50	µg/L	10.0		126		70-130				
Tetrachloroethylene	14.3	1.0	µg/L	10.0		**143**	*	70-130			L-01	
Tetrahydrofuran	11.0	10	µg/L	10.0		110		70-130				
Toluene	12.3	1.0	µg/L	10.0		123		70-130				
1,2,3-Trichlorobenzene	12.8	0.50	µg/L	10.0		128		70-130				
1,2,4-Trichlorobenzene	12.6	0.50	µg/L	10.0		126		70-130				
1,1,1-Trichloroethane	10.8	0.50	µg/L	10.0		108		70-130				
1,1,2-Trichloroethane	13.6	0.50	µg/L	10.0		**136**	*	70-130			L-01	
Trichloroethylene	10.4	1.0	µg/L	10.0		104		70-130				
Trichlorofluoromethane (Freon 11)	11.0	2.0	µg/L	10.0		110		70-130				
1,2,3-Trichloropropane	12.0	0.50	µg/L	10.0		120		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.5	0.50	µg/L	10.0		115		70-130				
1,2,4-Trimethylbenzene	12.4	0.50	µg/L	10.0		124		70-130				
1,3,5-Trimethylbenzene	10.0	0.50	µg/L	10.0		100		70-130				
Vinyl Chloride	10.3	1.0	µg/L	10.0		103		70-130				†
m+p Xylene	24.6	2.0	µg/L	20.0		123		70-130				
o-Xylene	11.3	1.0	µg/L	10.0		113		70-130				
Surrogate: 1,2-Dichloroethane-d4	*24.8*		µg/L	25.0		99.2		70-130				
Surrogate: Toluene-d8	*27.0*		µg/L	25.0		108		70-130				
Surrogate: 4-Bromofluorobenzene	*26.6*		µg/L	25.0		106		70-130				
Batch B023251 - SW-846 5035												
Blank (B023251-BLK1)				Prepared & Analyzed: 12/06/10								
Acetone	ND	0.10	mg/Kg wet								V-16	
Acrylonitrile	ND	0.0060	mg/Kg wet								V-16	
Benzene	ND	0.0020	mg/Kg wet									
Bromobenzene	ND	0.0020	mg/Kg wet									
Bromodichloromethane	ND	0.0020	mg/Kg wet									
Bromoform	ND	0.0020	mg/Kg wet									
Bromomethane	ND	0.010	mg/Kg wet									
2-Butanone (MEK)	ND	0.040	mg/Kg wet								V-16	

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023251 - SW-846 5035										
Blank (B023251-BLK1)				Prepared & Analyzed: 12/06/10						
n-Butylbenzene	ND	0.0040	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0040	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0040	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0020	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0040	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0040	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023251 - SW-846 5035											
Blank (B023251-BLK1)				Prepared & Analyzed: 12/06/10							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet								
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet								
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet								
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet								
Vinyl Chloride	ND	0.010	mg/Kg wet								
m+p Xylene	ND	0.0040	mg/Kg wet								
o-Xylene	ND	0.0020	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0510*		mg/Kg wet	0.0500		102	70-130				
Surrogate: Toluene-d8	*0.0479*		mg/Kg wet	0.0500		95.8	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0492*		mg/Kg wet	0.0500		98.4	70-130				
LCS (B023251-BS1)				Prepared & Analyzed: 12/06/10							
Acetone	0.189	0.10	mg/Kg wet	0.200		94.3	70-130			V-16	†
Acrylonitrile	0.0152	0.0060	mg/Kg wet	0.0200		75.8	70-130			V-16	
Benzene	0.0176	0.0020	mg/Kg wet	0.0200		88.1	70-130				
Bromobenzene	0.0171	0.0020	mg/Kg wet	0.0200		85.7	70-130				
Bromodichloromethane	0.0169	0.0020	mg/Kg wet	0.0200		84.6	70-130				
Bromoform	0.0185	0.0020	mg/Kg wet	0.0200		92.5	70-130				
Bromomethane	0.0171	0.010	mg/Kg wet	0.0200		85.3	70-130				†
2-Butanone (MEK)	0.175	0.040	mg/Kg wet	0.200		87.5	70-130			V-16	†
n-Butylbenzene	0.0162	0.0040	mg/Kg wet	0.0200		80.9	70-130				
sec-Butylbenzene	0.0169	0.0020	mg/Kg wet	0.0200		84.6	70-130				
tert-Butylbenzene	0.0167	0.0020	mg/Kg wet	0.0200		83.4	70-130				†
Carbon Disulfide	0.188	0.0060	mg/Kg wet	0.200		93.8	70-130				
Carbon Tetrachloride	0.0177	0.0040	mg/Kg wet	0.0200		88.3	70-130				
Chlorobenzene	0.0169	0.0020	mg/Kg wet	0.0200		84.5	70-130				
Chlorodibromomethane	0.0158	0.0040	mg/Kg wet	0.0200		78.9	70-130				
Chloroethane	0.0186	0.020	mg/Kg wet	0.0200		92.9	70-130				
Chloroform	0.0186	0.0040	mg/Kg wet	0.0200		92.9	70-130				
Chloromethane	0.0173	0.010	mg/Kg wet	0.0200		86.3	70-130				
2-Chlorotoluene	0.0171	0.0020	mg/Kg wet	0.0200		85.5	70-130				
4-Chlorotoluene	0.0171	0.0020	mg/Kg wet	0.0200		85.7	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0180	0.0020	mg/Kg wet	0.0200		89.9	70-130				
1,2-Dibromoethane (EDB)	0.0161	0.0010	mg/Kg wet	0.0200		80.6	70-130				
Dibromomethane	0.0165	0.0020	mg/Kg wet	0.0200		82.7	70-130				
1,2-Dichlorobenzene	0.0170	0.0020	mg/Kg wet	0.0200		84.9	70-130				
1,3-Dichlorobenzene	0.0176	0.0020	mg/Kg wet	0.0200		88.2	70-130				
1,4-Dichlorobenzene	0.0173	0.0020	mg/Kg wet	0.0200		86.5	70-130				
trans-1,4-Dichloro-2-butene	0.0206	0.0040	mg/Kg wet	0.0200		103	70-130				
Dichlorodifluoromethane (Freon 12)	0.0153	0.020	mg/Kg wet	0.0200		76.6	70-130				†
1,1-Dichloroethane	0.0170	0.0020	mg/Kg wet	0.0200		85.2	70-130				
1,2-Dichloroethane	0.0174	0.0020	mg/Kg wet	0.0200		87.2	70-130				
1,1-Dichloroethylene	0.0190	0.0040	mg/Kg wet	0.0200		94.8	70-130				
cis-1,2-Dichloroethylene	0.0174	0.0020	mg/Kg wet	0.0200		86.9	70-130				
trans-1,2-Dichloroethylene	0.0175	0.0020	mg/Kg wet	0.0200		87.3	70-130				
1,2-Dichloropropane	0.0165	0.0020	mg/Kg wet	0.0200		82.5	70-130				
1,3-Dichloropropane	0.0162	0.0010	mg/Kg wet	0.0200		81.2	70-130				
2,2-Dichloropropane	0.0211	0.0020	mg/Kg wet	0.0200		105	70-130				
1,1-Dichloropropene	0.0171	0.0020	mg/Kg wet	0.0200		85.3	70-130				
cis-1,3-Dichloropropene	0.0177	0.0020	mg/Kg wet	0.0200		88.4	70-130				
trans-1,3-Dichloropropene	0.0163	0.0040	mg/Kg wet	0.0200		81.7	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023251 - SW-846 5035											
LCS (B023251-BS1)				Prepared & Analyzed: 12/06/10							
Ethylbenzene	0.0169	0.0020	mg/Kg wet	0.0200		84.4	70-130				
Hexachlorobutadiene	0.0160	0.0020	mg/Kg wet	0.0200		79.9	70-130				
2-Hexanone (MBK)	0.160	0.020	mg/Kg wet	0.200		79.8	70-130				†
Isopropylbenzene (Cumene)	0.0162	0.0040	mg/Kg wet	0.0200		80.9	70-130				
p-Isopropyltoluene (p-Cymene)	0.0173	0.0020	mg/Kg wet	0.0200		86.7	70-130				
Methyl tert-Butyl Ether (MTBE)	0.0172	0.0040	mg/Kg wet	0.0200		86.0	70-130				
Methylene Chloride	0.0163	0.020	mg/Kg wet	0.0200		81.3	70-130				†
4-Methyl-2-pentanone (MIBK)	0.163	0.020	mg/Kg wet	0.200		81.3	70-130				†
Naphthalene	0.0162	0.0040	mg/Kg wet	0.0200		81.1	70-130				†
n-Propylbenzene	0.0170	0.0020	mg/Kg wet	0.0200		85.1	70-130				
Styrene	0.0172	0.0020	mg/Kg wet	0.0200		85.9	70-130				
1,1,1,2-Tetrachloroethane	0.0171	0.0020	mg/Kg wet	0.0200		85.3	70-130				
1,1,2,2-Tetrachloroethane	0.0161	0.0010	mg/Kg wet	0.0200		80.5	70-130				
Tetrachloroethylene	0.0163	0.0020	mg/Kg wet	0.0200		81.7	70-130				
Tetrahydrofuran	0.0238	0.010	mg/Kg wet	0.0200		119	70-130			V-16	
Toluene	0.0164	0.0020	mg/Kg wet	0.0200		82.1	70-130				
1,2,3-Trichlorobenzene	0.0150	0.0020	mg/Kg wet	0.0200		75.0	70-130				
1,2,4-Trichlorobenzene	0.0153	0.0020	mg/Kg wet	0.0200		76.7	70-130				
1,1,1-Trichloroethane	0.0191	0.0020	mg/Kg wet	0.0200		95.4	70-130				
1,1,2-Trichloroethane	0.0158	0.0020	mg/Kg wet	0.0200		79.0	70-130				
Trichloroethylene	0.0167	0.0020	mg/Kg wet	0.0200		83.4	70-130				
Trichlorofluoromethane (Freon 11)	0.0187	0.010	mg/Kg wet	0.0200		93.6	70-130				
1,2,3-Trichloropropane	0.0165	0.0020	mg/Kg wet	0.0200		82.3	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0190	0.010	mg/Kg wet	0.0200		95.2	70-130				
1,2,4-Trimethylbenzene	0.0172	0.0020	mg/Kg wet	0.0200		85.8	70-130				
1,3,5-Trimethylbenzene	0.0171	0.0020	mg/Kg wet	0.0200		85.4	70-130				
Vinyl Chloride	0.0175	0.010	mg/Kg wet	0.0200		87.7	70-130				†
m+p Xylene	0.0336	0.0040	mg/Kg wet	0.0400		84.0	70-130				
o-Xylene	0.0166	0.0020	mg/Kg wet	0.0200		83.1	70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0491*		mg/Kg wet	0.0500		98.1	70-130				
Surrogate: Toluene-d8	*0.0492*		mg/Kg wet	0.0500		98.4	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0506*		mg/Kg wet	0.0500		101	70-130				

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023212 - SW-846 3546										
Blank (B023212-BLK1)				Prepared: 12/06/10 Analyzed: 12/08/10						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							V-04
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.66	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							L-04
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.66	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							V-04
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.66	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.66	mg/Kg wet							
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylphenol	ND	0.34	mg/Kg wet							R-05
3/4-Methylphenol	ND	0.34	mg/Kg wet							R-05
Naphthalene	ND	0.17	mg/Kg wet							
2-Nitroaniline	ND	0.34	mg/Kg wet							
3-Nitroaniline	ND	0.34	mg/Kg wet							R-05
4-Nitroaniline	ND	0.34	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B023212 - SW-846 3546												
Blank (B023212-BLK1)				Prepared: 12/06/10 Analyzed: 12/08/10								
4-Nitrophenol	ND	0.66	mg/Kg wet									
N-Nitrosodiphenylamine	ND	0.34	mg/Kg wet									
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet									
Pentachloronitrobenzene	ND	0.34	mg/Kg wet								V-16	
Pentachlorophenol	ND	0.34	mg/Kg wet									
Phenanthrene	ND	0.17	mg/Kg wet									
Phenol	ND	0.34	mg/Kg wet									
Pyrene	ND	0.17	mg/Kg wet									
Pyridine	ND	0.34	mg/Kg wet									
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet									
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet									
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet									
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet									
Surrogate: 2-Fluorophenol	*6.70*		mg/Kg wet	6.67		100		30-130				
Surrogate: Phenol-d6	*6.69*		mg/Kg wet	6.67		100		30-130				
Surrogate: Nitrobenzene-d5	*2.69*		mg/Kg wet	3.33		80.8		30-130				
Surrogate: 2-Fluorobiphenyl	*2.88*		mg/Kg wet	3.33		86.4		30-130				
Surrogate: 2,4,6-Tribromophenol	*8.72*		mg/Kg wet	6.67		**131**	*	30-130			S-07	
Surrogate: Terphenyl-d14	*4.09*		mg/Kg wet	3.33		123		30-130				
LCS (B023212-BS1)				Prepared: 12/06/10 Analyzed: 12/08/10								
Acenaphthene	1.24	0.17	mg/Kg wet	1.67		74.3		40-140				
Acenaphthylene	1.21	0.17	mg/Kg wet	1.67		72.4		40-140				
Aniline	1.02	0.34	mg/Kg wet	1.67		61.1		40-140				†
Anthracene	1.32	0.17	mg/Kg wet	1.67		79.0		40-140				
Benzo(a)anthracene	1.41	0.17	mg/Kg wet	1.67		84.8		40-140				
Benzo(a)pyrene	1.47	0.17	mg/Kg wet	1.67		88.2		40-140				
Benzo(b)fluoranthene	1.43	0.17	mg/Kg wet	1.67		85.6		40-140				
Benzo(g,h,i)perylene	1.71	0.17	mg/Kg wet	1.67		103		40-140				
Benzo(k)fluoranthene	1.41	0.17	mg/Kg wet	1.67		84.8		40-140				
Bis(2-chloroethoxy)methane	1.47	0.34	mg/Kg wet	1.67		88.0		40-140				
Bis(2-chloroethyl)ether	1.41	0.34	mg/Kg wet	1.67		84.6		40-140				
Bis(2-chloroisopropyl)ether	0.574	0.34	mg/Kg wet	1.67		**34.4**	*	40-140			L-07, V-04	
Bis(2-Ethylhexyl)phthalate	1.86	0.34	mg/Kg wet	1.67		111		40-140				
4-Bromophenylphenylether	1.61	0.34	mg/Kg wet	1.67		96.5		40-140				
Butylbenzylphthalate	1.80	0.66	mg/Kg wet	1.67		108		40-140				
Carbazole	1.37	0.17	mg/Kg wet	1.67		82.4		40-140				
4-Chloroaniline	0.645	0.66	mg/Kg wet	1.67		**38.7**	*	40-140			L-04	†
4-Chloro-3-methylphenol	1.40	0.66	mg/Kg wet	1.67		84.2		30-130				
2-Chloronaphthalene	1.28	0.34	mg/Kg wet	1.67		77.0		40-140				
2-Chlorophenol	1.49	0.34	mg/Kg wet	1.67		89.6		30-130				
4-Chlorophenylphenylether	1.60	0.34	mg/Kg wet	1.67		95.9		40-140				
Chrysene	1.38	0.17	mg/Kg wet	1.67		82.5		40-140				
Dibenz(a,h)anthracene	1.94	0.17	mg/Kg wet	1.67		117		40-140				
Dibenzofuran	1.50	0.34	mg/Kg wet	1.67		89.9		40-140				
Di-n-butylphthalate	1.67	0.34	mg/Kg wet	1.67		100		40-140				
3,3-Dichlorobenzidine	1.30	0.17	mg/Kg wet	1.67		77.8		40-140				†
2,4-Dichlorophenol	1.61	0.34	mg/Kg wet	1.67		96.6		30-130				
Diethylphthalate	1.58	0.34	mg/Kg wet	1.67		94.6		40-140				
2,4-Dimethylphenol	1.57	0.34	mg/Kg wet	1.67		94.1		30-130				
Dimethylphthalate	1.57	0.66	mg/Kg wet	1.67		94.2		40-140				
4,6-Dinitro-2-methylphenol	1.27	0.34	mg/Kg wet	1.67		76.5		30-130				

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023212 - SW-846 3546											
LCS (B023212-BS1)				Prepared: 12/06/10 Analyzed: 12/08/10							
2,4-Dinitrophenol	1.09	0.66	mg/Kg wet	1.67		65.2	30-130			V-04	
2,4-Dinitrotoluene	1.58	0.34	mg/Kg wet	1.67		94.7	40-140				
2,6-Dinitrotoluene	1.59	0.34	mg/Kg wet	1.67		95.5	40-140				
Di-n-octylphthalate	1.96	0.66	mg/Kg wet	1.67		118	40-140				
Fluoranthene	1.36	0.17	mg/Kg wet	1.67		81.7	40-140				
Fluorene	1.29	0.17	mg/Kg wet	1.67		77.4	40-140				
Hexachlorobenzene	1.60	0.34	mg/Kg wet	1.67		96.0	40-140				
Hexachlorobutadiene	1.44	0.34	mg/Kg wet	1.67		86.7	40-140				
Hexachlorocyclopentadiene	1.03	0.66	mg/Kg wet	1.67		61.7	30-140				
Hexachloroethane	1.36	0.34	mg/Kg wet	1.67		81.9	40-140				
Indeno(1,2,3-cd)pyrene	1.97	0.17	mg/Kg wet	1.67		118	40-140				
Isophorone	1.37	0.34	mg/Kg wet	1.67		82.3	40-140				
2-Methylnaphthalene	1.30	0.17	mg/Kg wet	1.67		78.2	40-140				
2-Methylphenol	1.45	0.34	mg/Kg wet	1.67		86.9	30-130			R-05	
3/4-Methylphenol	1.40	0.34	mg/Kg wet	1.67		84.2	30-130			R-05	
Naphthalene	1.22	0.17	mg/Kg wet	1.67		73.4	40-140				
2-Nitroaniline	1.22	0.34	mg/Kg wet	1.67		73.4	40-140				
3-Nitroaniline	0.948	0.34	mg/Kg wet	1.67		56.9	40-140			R-05	†
4-Nitroaniline	1.50	0.34	mg/Kg wet	1.67		90.0	40-140				
Nitrobenzene	1.30	0.34	mg/Kg wet	1.67		77.8	40-140				
2-Nitrophenol	1.54	0.34	mg/Kg wet	1.67		92.2	30-130				
4-Nitrophenol	1.38	0.66	mg/Kg wet	1.67		82.7	10-130				
N-Nitrosodiphenylamine	1.76	0.34	mg/Kg wet	1.67		105	40-140				
N-Nitrosodi-n-propylamine	1.31	0.34	mg/Kg wet	1.67		78.7	40-140				
Pentachloronitrobenzene	0.999	0.34	mg/Kg wet	0.833		120	40-140			V-16	
Pentachlorophenol	0.829	0.34	mg/Kg wet	1.67		49.7	30-130				
Phenanthrene	1.29	0.17	mg/Kg wet	1.67		77.6	40-140				
Phenol	1.49	0.34	mg/Kg wet	1.67		89.2	20-130				
Pyrene	1.42	0.17	mg/Kg wet	1.67		85.4	40-140				
Pyridine	1.24	0.34	mg/Kg wet	1.67		74.5	10-140				†
1,2,4,5-Tetrachlorobenzene	0.842	0.34	mg/Kg wet	0.833		101	40-140				
1,2,4-Trichlorobenzene	1.58	0.34	mg/Kg wet	1.67		94.9	40-140				
2,4,5-Trichlorophenol	1.59	0.34	mg/Kg wet	1.67		95.2	30-130				
2,4,6-Trichlorophenol	1.55	0.34	mg/Kg wet	1.67		93.1	30-130				
Surrogate: 2-Fluorophenol	*5.31*		mg/Kg wet	6.67		79.6	30-130				
Surrogate: Phenol-d6	*5.30*		mg/Kg wet	6.67		79.6	30-130				
Surrogate: Nitrobenzene-d5	*2.49*		mg/Kg wet	3.33		74.8	30-130				
Surrogate: 2-Fluorobiphenyl	*2.77*		mg/Kg wet	3.33		83.1	30-130				
Surrogate: 2,4,6-Tribromophenol	*7.16*		mg/Kg wet	6.67		107	30-130				
Surrogate: Terphenyl-d14	*3.44*		mg/Kg wet	3.33		103	30-130				
LCS Dup (B023212-BSD1)				Prepared: 12/06/10 Analyzed: 12/08/10							
Acenaphthene	1.35	0.17	mg/Kg wet	1.67		81.3	40-140	8.98	20		
Acenaphthylene	1.34	0.17	mg/Kg wet	1.67		80.7	40-140	10.8	20		
Aniline	1.16	0.34	mg/Kg wet	1.67		69.7	40-140	13.1	50		† ‡
Anthracene	1.43	0.17	mg/Kg wet	1.67		86.0	40-140	8.49	20		
Benzo(a)anthracene	1.50	0.17	mg/Kg wet	1.67		89.8	40-140	5.73	20		
Benzo(a)pyrene	1.45	0.17	mg/Kg wet	1.67		87.1	40-140	1.25	20		
Benzo(b)fluoranthene	1.38	0.17	mg/Kg wet	1.67		83.0	40-140	3.01	20		
Benzo(g,h,i)perylene	1.57	0.17	mg/Kg wet	1.67		94.0	40-140	8.91	20		
Benzo(k)fluoranthene	1.38	0.17	mg/Kg wet	1.67		82.6	40-140	2.58	20		
Bis(2-chloroethoxy)methane	1.60	0.34	mg/Kg wet	1.67		95.9	40-140	8.55	20		

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes	
Batch B023212 - SW-846 3546													
LCS Dup (B023212-BSD1)				Prepared: 12/06/10 Analyzed: 12/08/10									
Bis(2-chloroethyl)ether	1.63	0.34	mg/Kg wet	1.67		97.7		40-140	14.3		20		
Bis(2-chloroisopropyl)ether	0.667	0.34	mg/Kg wet	1.67		40.0		40-140	15.0		20	V-04	
Bis(2-Ethylhexyl)phthalate	2.01	0.34	mg/Kg wet	1.67		121		40-140	8.08		20		
4-Bromophenylphenylether	1.74	0.34	mg/Kg wet	1.67		104		40-140	7.81		20		
Butylbenzylphthalate	1.94	0.66	mg/Kg wet	1.67		117		40-140	7.73		20		
Carbazole	1.54	0.17	mg/Kg wet	1.67		92.7		40-140	11.7		20		
4-Chloroaniline	0.595	0.66	mg/Kg wet	1.67		**35.7**	*	40-140	8.06		20	L-04	†
4-Chloro-3-methylphenol	1.51	0.66	mg/Kg wet	1.67		90.9		30-130	7.68		20		
2-Chloronaphthalene	1.43	0.34	mg/Kg wet	1.67		85.8		40-140	10.8		20		
2-Chlorophenol	1.76	0.34	mg/Kg wet	1.67		106		30-130	16.3		20		
4-Chlorophenylphenylether	1.74	0.34	mg/Kg wet	1.67		105		40-140	8.72		20		
Chrysene	1.46	0.17	mg/Kg wet	1.67		87.5		40-140	5.90		20		
Dibenz(a,h)anthracene	1.75	0.17	mg/Kg wet	1.67		105		40-140	10.4		20		
Dibenzofuran	1.66	0.34	mg/Kg wet	1.67		99.7		40-140	10.3		20		
Di-n-butylphthalate	1.84	0.34	mg/Kg wet	1.67		110		40-140	9.45		20		
3,3-Dichlorobenzidine	1.36	0.17	mg/Kg wet	1.67		81.9		40-140	5.16		20		† ‡
2,4-Dichlorophenol	1.76	0.34	mg/Kg wet	1.67		106		30-130	9.03		20		
Diethylphthalate	1.66	0.34	mg/Kg wet	1.67		99.4		40-140	4.99		20		
2,4-Dimethylphenol	1.72	0.34	mg/Kg wet	1.67		103		30-130	9.36		20		
Dimethylphthalate	1.67	0.66	mg/Kg wet	1.67		100		40-140	6.11		50		
4,6-Dinitro-2-methylphenol	1.39	0.34	mg/Kg wet	1.67		83.2		30-130	8.46		50		
2,4-Dinitrophenol	1.14	0.66	mg/Kg wet	1.67		68.6		30-130	5.17		50	V-04	
2,4-Dinitrotoluene	1.68	0.34	mg/Kg wet	1.67		101		40-140	6.52		20		
2,6-Dinitrotoluene	1.71	0.34	mg/Kg wet	1.67		102		40-140	6.87		20		
Di-n-octylphthalate	1.89	0.66	mg/Kg wet	1.67		114		40-140	3.63		20		
Fluoranthene	1.58	0.17	mg/Kg wet	1.67		94.6		40-140	14.6		20		
Fluorene	1.42	0.17	mg/Kg wet	1.67		85.4		40-140	9.82		20		
Hexachlorobenzene	1.75	0.34	mg/Kg wet	1.67		105		40-140	8.71		20		
Hexachlorobutadiene	1.49	0.34	mg/Kg wet	1.67		89.4		40-140	3.07		20		
Hexachlorocyclopentadiene	1.01	0.66	mg/Kg wet	1.67		60.6		30-140	1.86		50		
Hexachloroethane	1.45	0.34	mg/Kg wet	1.67		87.1		40-140	6.16		50		
Indeno(1,2,3-cd)pyrene	1.78	0.17	mg/Kg wet	1.67		107		40-140	10.5		50		
Isophorone	1.47	0.34	mg/Kg wet	1.67		88.1		40-140	6.81		20		
2-Methylnaphthalene	1.40	0.17	mg/Kg wet	1.67		84.3		40-140	7.43		20		
2-Methylphenol	1.82	0.34	mg/Kg wet	1.67		109		30-130	**22.5**	*	20	R-05	
3/4-Methylphenol	1.72	0.34	mg/Kg wet	1.67		103		30-130	**20.4**	*	20	R-05	
Naphthalene	1.33	0.17	mg/Kg wet	1.67		79.9		40-140	8.46		20		
2-Nitroaniline	1.36	0.34	mg/Kg wet	1.67		81.5		40-140	10.4		20		
3-Nitroaniline	1.17	0.34	mg/Kg wet	1.67		70.3		40-140	**21.2**	*	20	R-05	†
4-Nitroaniline	1.76	0.34	mg/Kg wet	1.67		106		40-140	15.9		20		
Nitrobenzene	1.40	0.34	mg/Kg wet	1.67		84.3		40-140	8.07		20		
2-Nitrophenol	1.69	0.34	mg/Kg wet	1.67		101		30-130	9.35		20		
4-Nitrophenol	1.48	0.66	mg/Kg wet	1.67		89.1		10-130	7.48		50		‡
N-Nitrosodiphenylamine	1.92	0.34	mg/Kg wet	1.67		115		40-140	8.80		20		
N-Nitrosodi-n-propylamine	1.56	0.34	mg/Kg wet	1.67		93.3		40-140	17.0		20		
Pentachloronitrobenzene	1.07	0.34	mg/Kg wet	0.833		129		40-140	7.21		20	V-16	
Pentachlorophenol	0.847	0.34	mg/Kg wet	1.67		50.8		30-130	2.15		50		
Phenanthrene	1.40	0.17	mg/Kg wet	1.67		84.3		40-140	8.33		20		
Phenol	1.81	0.34	mg/Kg wet	1.67		108		20-130	19.5		20		
Pyrene	1.49	0.17	mg/Kg wet	1.67		89.1		40-140	4.31		20		
Pyridine	1.15	0.34	mg/Kg wet	1.67		68.8		10-140	8.01		50		†
1,2,4,5-Tetrachlorobenzene	0.910	0.34	mg/Kg wet	0.833		109		40-140	7.72		20		

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023212 - SW-846 3546										
LCS Dup (B023212-BSD1)				Prepared: 12/06/10 Analyzed: 12/08/10						
1,2,4-Trichlorobenzene	1.67	0.34	mg/Kg wet	1.67		100	40-140	5.21	20	
2,4,5-Trichlorophenol	1.75	0.34	mg/Kg wet	1.67		105	30-130	10.0	20	
2,4,6-Trichlorophenol	1.70	0.34	mg/Kg wet	1.67		102	30-130	8.95	50	
Surrogate: 2-Fluorophenol	*6.09*		mg/Kg wet	6.67		91.4	30-130			
Surrogate: Phenol-d6	*6.30*		mg/Kg wet	6.67		94.5	30-130			
Surrogate: Nitrobenzene-d5	*2.67*		mg/Kg wet	3.33		80.0	30-130			
Surrogate: 2-Fluorobiphenyl	*3.00*		mg/Kg wet	3.33		90.0	30-130			
Surrogate: 2,4,6-Tribromophenol	*7.66*		mg/Kg wet	6.67		115	30-130			
Surrogate: Terphenyl-d14	*3.58*		mg/Kg wet	3.33		107	30-130			
Batch B023346 - SW-846 3510C										
Blank (B023346-BLK1)				Prepared: 12/08/10 Analyzed: 12/09/10						
Acenaphthene	ND	5.0	µg/L							
Acenaphthylene	ND	5.0	µg/L							
Aniline	ND	5.0	µg/L							
Anthracene	ND	5.0	µg/L							
Benzo(a)anthracene	ND	5.0	µg/L							
Benzo(a)pyrene	ND	5.0	µg/L							
Benzo(b)fluoranthene	ND	5.0	µg/L							
Benzo(g,h,i)perylene	ND	5.0	µg/L							R-05
Benzo(k)fluoranthene	ND	5.0	µg/L							
Bis(2-chloroethoxy)methane	ND	10	µg/L							
Bis(2-chloroethyl)ether	ND	10	µg/L							
Bis(2-chloroisopropyl)ether	ND	10	µg/L							
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L							
4-Bromophenylphenylether	ND	10	µg/L							
Butylbenzylphthalate	ND	10	µg/L							
Carbazole	ND	10	µg/L							
4-Chloroaniline	ND	10	µg/L							
4-Chloro-3-methylphenol	ND	10	µg/L							
2-Chloronaphthalene	ND	10	µg/L							
2-Chlorophenol	ND	10	µg/L							
4-Chlorophenylphenylether	ND	10	µg/L							
Chrysene	ND	5.0	µg/L							
Dibenz(a,h)anthracene	ND	5.0	µg/L							R-05
Dibenzofuran	ND	5.0	µg/L							
Di-n-butylphthalate	ND	10	µg/L							
3,3-Dichlorobenzidine	ND	10	µg/L							
2,4-Dichlorophenol	ND	10	µg/L							
Diethylphthalate	ND	10	µg/L							
2,4-Dimethylphenol	ND	10	µg/L							
Dimethylphthalate	ND	10	µg/L							
4,6-Dinitro-2-methylphenol	ND	10	µg/L							
2,4-Dinitrophenol	ND	10	µg/L							
2,4-Dinitrotoluene	ND	10	µg/L							
2,6-Dinitrotoluene	ND	10	µg/L							
Di-n-octylphthalate	ND	10	µg/L							
Fluoranthene	ND	5.0	µg/L							
Fluorene	ND	5.0	µg/L							
Hexachlorobenzene	ND	10	µg/L							
Hexachlorobutadiene	ND	10	µg/L							
Hexachlorocyclopentadiene	ND	10	µg/L							

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023346 - SW-846 3510C											
Blank (B023346-BLK1)				Prepared: 12/08/10 Analyzed: 12/09/10							
Hexachloroethane	ND	10	µg/L								
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L								
Isophorone	ND	10	µg/L								
2-Methylnaphthalene	ND	5.0	µg/L								
2-Methylphenol	ND	10	µg/L								
3/4-Methylphenol	ND	10	µg/L								
Naphthalene	ND	5.0	µg/L								
2-Nitroaniline	ND	10	µg/L								
3-Nitroaniline	ND	10	µg/L								
4-Nitroaniline	ND	10	µg/L								
Nitrobenzene	ND	10	µg/L								
2-Nitrophenol	ND	10	µg/L								
4-Nitrophenol	ND	10	µg/L							V-05	
N-Nitrosodiphenylamine	ND	10	µg/L								
N-Nitrosodi-n-propylamine	ND	10	µg/L								
Pentachloronitrobenzene	ND	10	µg/L							V-16	
Pentachlorophenol	ND	10	µg/L								
Phenanthrene	ND	5.0	µg/L								
Phenol	ND	10	µg/L								
Pyrene	ND	5.0	µg/L								
Pyridine	ND	5.0	µg/L								
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L								
1,2,4-Trichlorobenzene	ND	5.0	µg/L								
2,4,5-Trichlorophenol	ND	10	µg/L								
2,4,6-Trichlorophenol	ND	10	µg/L								
Surrogate: 2-Fluorophenol	*185*		µg/L	200		92.7	15-110				
Surrogate: Phenol-d6	*173*		µg/L	200		86.4	15-110				
Surrogate: Nitrobenzene-d5	*69.7*		µg/L	100		69.7	30-130				
Surrogate: 2-Fluorobiphenyl	*82.2*		µg/L	100		82.2	30-130				
Surrogate: 2,4,6-Tribromophenol	*209*		µg/L	200		105	15-110				
Surrogate: Terphenyl-d14	*93.5*		µg/L	100		93.5	30-130				
LCS (B023346-BS1)				Prepared: 12/08/10 Analyzed: 12/09/10							
Acenaphthene	78.1	5.0	µg/L	100		78.1	40-140				
Acenaphthylene	73.4	5.0	µg/L	100		73.4	40-140				
Aniline	73.8	5.0	µg/L	100		73.8	40-140				†
Anthracene	76.1	5.0	µg/L	100		76.1	40-140				
Benzo(a)anthracene	87.0	5.0	µg/L	100		87.0	40-140				
Benzo(a)pyrene	85.9	5.0	µg/L	100		85.9	40-140				
Benzo(b)fluoranthene	90.9	5.0	µg/L	100		90.9	40-140				
Benzo(g,h,i)perylene	125	5.0	µg/L	100		125	40-140			R-05	
Benzo(k)fluoranthene	77.9	5.0	µg/L	100		77.9	40-140				
Bis(2-chloroethoxy)methane	87.7	10	µg/L	100		87.7	40-140				
Bis(2-chloroethyl)ether	82.4	10	µg/L	100		82.4	40-140				
Bis(2-chloroisopropyl)ether	63.5	10	µg/L	100		63.5	40-140				
Bis(2-Ethylhexyl)phthalate	99.3	10	µg/L	100		99.3	40-140				
4-Bromophenylphenylether	100	10	µg/L	100		100	40-140				
Butylbenzylphthalate	90.1	10	µg/L	100		90.1	40-140				
Carbazole	75.5	10	µg/L	100		75.5	40-140				
4-Chloroaniline	56.1	10	µg/L	100		56.1	40-140				†
4-Chloro-3-methylphenol	93.7	10	µg/L	100		93.7	30-130				
2-Chloronaphthalene	72.6	10	µg/L	100		72.6	40-140				

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B023346 - SW-846 3510C												
LCS (B023346-BS1)				Prepared: 12/08/10 Analyzed: 12/09/10								
2-Chlorophenol	77.3	10	µg/L	100		77.3		30-130				
4-Chlorophenylphenylether	93.3	10	µg/L	100		93.3		40-140				
Chrysene	85.1	5.0	µg/L	100		85.1		40-140				
Dibenz(a,h)anthracene	141	5.0	µg/L	100		**141**	*	40-140			L-07A	
Dibenzofuran	92.5	5.0	µg/L	100		92.5		40-140				
Di-n-butylphthalate	84.8	10	µg/L	100		84.8		40-140				
3,3-Dichlorobenzidine	74.1	10	µg/L	100		74.1		40-140				†
2,4-Dichlorophenol	97.3	10	µg/L	100		97.3		30-130				
Diethylphthalate	74.5	10	µg/L	100		74.5		40-140				
2,4-Dimethylphenol	88.8	10	µg/L	100		88.8		30-130				
Dimethylphthalate	73.1	10	µg/L	100		73.1		40-140				
4,6-Dinitro-2-methylphenol	81.8	10	µg/L	100		81.8		30-130				
2,4-Dinitrophenol	83.7	10	µg/L	100		83.7		30-130				
2,4-Dinitrotoluene	71.6	10	µg/L	100		71.6		40-140				
2,6-Dinitrotoluene	78.3	10	µg/L	100		78.3		40-140				
Di-n-octylphthalate	92.9	10	µg/L	100		92.9		40-140				
Fluoranthene	76.8	5.0	µg/L	100		76.8		40-140				
Fluorene	79.6	5.0	µg/L	100		79.6		40-140				
Hexachlorobenzene	99.4	10	µg/L	100		99.4		40-140				
Hexachlorobutadiene	93.6	10	µg/L	100		93.6		40-140				
Hexachlorocyclopentadiene	87.6	10	µg/L	100		87.6		30-140				
Hexachloroethane	79.3	10	µg/L	100		79.3		40-140				
Indeno(1,2,3-cd)pyrene	150	5.0	µg/L	100		**150**	*	40-140			L-07	
Isophorone	85.0	10	µg/L	100		85.0		40-140				
2-Methylnaphthalene	85.4	5.0	µg/L	100		85.4		40-140				
2-Methylphenol	79.6	10	µg/L	100		79.6		30-130				
3/4-Methylphenol	84.2	10	µg/L	100		84.2		30-130				
Naphthalene	78.2	5.0	µg/L	100		78.2		40-140				
2-Nitroaniline	80.0	10	µg/L	100		80.0		40-140				
3-Nitroaniline	60.7	10	µg/L	100		60.7		40-140				†
4-Nitroaniline	59.3	10	µg/L	100		59.3		40-140				
Nitrobenzene	82.1	10	µg/L	100		82.1		40-140				
2-Nitrophenol	88.1	10	µg/L	100		88.1		30-130				
4-Nitrophenol	64.7	10	µg/L	100		64.7		10-130			V-05	
N-Nitrosodiphenylamine	99.1	10	µg/L	100		99.1		40-140				
N-Nitrosodi-n-propylamine	81.0	10	µg/L	100		81.0		40-140				
Pentachloronitrobenzene	52.8	10	µg/L	50.0		106		40-140			V-16	
Pentachlorophenol	74.6	10	µg/L	100		74.6		30-130				
Phenanthrene	88.7	5.0	µg/L	100		88.7		40-140				
Phenol	69.3	10	µg/L	100		69.3		20-130				
Pyrene	79.2	5.0	µg/L	100		79.2		40-140				
Pyridine	69.7	5.0	µg/L	100		69.7		10-140				†
1,2,4,5-Tetrachlorobenzene	44.5	10	µg/L	50.0		89.0		40-140				
1,2,4-Trichlorobenzene	93.1	5.0	µg/L	100		93.1		40-140				
2,4,5-Trichlorophenol	90.0	10	µg/L	100		90.0		30-130				
2,4,6-Trichlorophenol	87.4	10	µg/L	100		87.4		30-130				
Surrogate: 2-Fluorophenol	*171*		µg/L	200		85.3		15-110				
Surrogate: Phenol-d6	*158*		µg/L	200		79.0		15-110				
Surrogate: Nitrobenzene-d5	*76.0*		µg/L	100		76.0		30-130				
Surrogate: 2-Fluorobiphenyl	*86.5*		µg/L	100		86.5		30-130				
Surrogate: 2,4,6-Tribromophenol	*208*		µg/L	200		104		15-110				
Surrogate: Terphenyl-d14	*95.8*		µg/L	100		95.8		30-130				

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD		RPD Limit	Notes	
Batch B023346 - SW-846 3510C												
LCS Dup (B023346-BSD1)				Prepared: 12/08/10 Analyzed: 12/09/10								
Acenaphthene	78.9	5.0	µg/L	100		78.9	40-140	1.07		20		
Acenaphthylene	74.6	5.0	µg/L	100		74.6	40-140	1.49		20		
Aniline	73.6	5.0	µg/L	100		73.6	40-140	0.271		50		† ‡
Anthracene	73.3	5.0	µg/L	100		73.3	40-140	3.77		20		
Benzo(a)anthracene	93.2	5.0	µg/L	100		93.2	40-140	6.87		20		
Benzo(a)pyrene	87.8	5.0	µg/L	100		87.8	40-140	2.16		20		
Benzo(b)fluoranthene	97.4	5.0	µg/L	100		97.4	40-140	6.99		20		
Benzo(g,h,i)perylene	93.4	5.0	µg/L	100		93.4	40-140	**28.9**	*	20	R-05	
Benzo(k)fluoranthene	72.5	5.0	µg/L	100		72.5	40-140	7.18		20		
Bis(2-chloroethoxy)methane	90.6	10	µg/L	100		90.6	40-140	3.30		20		
Bis(2-chloroethyl)ether	86.9	10	µg/L	100		86.9	40-140	5.26		20		
Bis(2-chloroisopropyl)ether	62.2	10	µg/L	100		62.2	40-140	2.05		20		
Bis(2-Ethylhexyl)phthalate	98.4	10	µg/L	100		98.4	40-140	0.951		20		
4-Bromophenylphenylether	99.8	10	µg/L	100		99.8	40-140	0.200		20		
Butylbenzylphthalate	92.4	10	µg/L	100		92.4	40-140	2.51		20		
Carbazole	79.2	10	µg/L	100		79.2	40-140	4.76		20		
4-Chloroaniline	62.5	10	µg/L	100		62.5	40-140	10.8		20		†
4-Chloro-3-methylphenol	94.8	10	µg/L	100		94.8	30-130	1.20		20		
2-Chloronaphthalene	73.5	10	µg/L	100		73.5	40-140	1.33		20		
2-Chlorophenol	78.8	10	µg/L	100		78.8	30-130	1.87		20		
4-Chlorophenylphenylether	93.1	10	µg/L	100		93.1	40-140	0.215		20		
Chrysene	85.4	5.0	µg/L	100		85.4	40-140	0.422		20		
Dibenz(a,h)anthracene	112	5.0	µg/L	100		112	40-140	**23.0**	*	20	L-07A	
Dibenzofuran	93.1	5.0	µg/L	100		93.1	40-140	0.593		20		
Di-n-butylphthalate	85.6	10	µg/L	100		85.6	40-140	0.822		20		
3,3-Dichlorobenzidine	80.3	10	µg/L	100		80.3	40-140	8.02		20		† ‡
2,4-Dichlorophenol	98.8	10	µg/L	100		98.8	30-130	1.48		20		
Diethylphthalate	74.1	10	µg/L	100		74.1	40-140	0.498		20		
2,4-Dimethylphenol	92.0	10	µg/L	100		92.0	30-130	3.50		20		
Dimethylphthalate	72.1	10	µg/L	100		72.1	40-140	1.36		50		
4,6-Dinitro-2-methylphenol	84.9	10	µg/L	100		84.9	30-130	3.62		50		
2,4-Dinitrophenol	98.6	10	µg/L	100		98.6	30-130	16.4		50		
2,4-Dinitrotoluene	73.5	10	µg/L	100		73.5	40-140	2.73		20		
2,6-Dinitrotoluene	95.7	10	µg/L	100		95.7	40-140	20.0		20		
Di-n-octylphthalate	90.9	10	µg/L	100		90.9	40-140	2.18		20		
Fluoranthene	77.7	5.0	µg/L	100		77.7	40-140	1.24		20		
Fluorene	78.7	5.0	µg/L	100		78.7	40-140	1.09		20		
Hexachlorobenzene	102	10	µg/L	100		102	40-140	2.53		20		
Hexachlorobutadiene	92.0	10	µg/L	100		92.0	40-140	1.71		20		
Hexachlorocyclopentadiene	88.5	10	µg/L	100		88.5	30-140	1.03		50		
Hexachloroethane	76.3	10	µg/L	100		76.3	40-140	3.84		50		
Indeno(1,2,3-cd)pyrene	137	5.0	µg/L	100		137	40-140	9.31		50		
Isophorone	87.2	10	µg/L	100		87.2	40-140	2.58		20		
2-Methylnaphthalene	84.3	5.0	µg/L	100		84.3	40-140	1.38		20		
2-Methylphenol	80.1	10	µg/L	100		80.1	30-130	0.701		20		
3/4-Methylphenol	82.4	10	µg/L	100		82.4	30-130	2.10		20		
Naphthalene	78.3	5.0	µg/L	100		78.3	40-140	0.115		20		
2-Nitroaniline	83.0	10	µg/L	100		83.0	40-140	3.79		20		
3-Nitroaniline	56.8	10	µg/L	100		56.8	40-140	6.57		20		†
4-Nitroaniline	69.0	10	µg/L	100		69.0	40-140	15.1		20		
Nitrobenzene	82.4	10	µg/L	100		82.4	40-140	0.328		20		
2-Nitrophenol	89.8	10	µg/L	100		89.8	30-130	1.98		20		

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B023346 - SW-846 3510C												
LCS Dup (B023346-BSD1)				Prepared: 12/08/10 Analyzed: 12/09/10								
4-Nitrophenol	65.0	10	µg/L	100		65.0		10-130	0.509	50	V-05	‡
N-Nitrosodiphenylamine	93.5	10	µg/L	100		93.5		40-140	5.80	20		
N-Nitrosodi-n-propylamine	81.0	10	µg/L	100		81.0		40-140	0.00	20		
Pentachloronitrobenzene	57.0	10	µg/L	50.0		114		40-140	7.65	20	V-16	
Pentachlorophenol	81.0	10	µg/L	100		81.0		30-130	8.25	50		
Phenanthrene	90.8	5.0	µg/L	100		90.8		40-140	2.38	20		
Phenol	65.5	10	µg/L	100		65.5		20-130	5.68	20		
Pyrene	82.9	5.0	µg/L	100		82.9		40-140	4.52	20		
Pyridine	58.3	5.0	µg/L	100		58.3		10-140	17.7	50		†
1,2,4,5-Tetrachlorobenzene	45.8	10	µg/L	50.0		91.7		40-140	2.99	20		
1,2,4-Trichlorobenzene	94.0	5.0	µg/L	100		94.0		40-140	0.898	20		
2,4,5-Trichlorophenol	94.2	10	µg/L	100		94.2		30-130	4.51	20		
2,4,6-Trichlorophenol	92.4	10	µg/L	100		92.4		30-130	5.62	50		
Surrogate: 2-Fluorophenol	*167*		µg/L	200		83.5		15-110				
Surrogate: Phenol-d6	*155*		µg/L	200		77.5		15-110				
Surrogate: Nitrobenzene-d5	*75.8*		µg/L	100		75.8		30-130				
Surrogate: 2-Fluorobiphenyl	*84.8*		µg/L	100		84.8		30-130				
Surrogate: 2,4,6-Tribromophenol	*227*		µg/L	200		**114**	*	15-110			S-07	
Surrogate: Terphenyl-d14	*99.9*		µg/L	100		99.9		30-130				

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023214 - SW-846 3546										
Blank (B023214-BLK1)				Prepared: 12/06/10 Analyzed: 12/07/10						
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.191*		mg/Kg wet	0.200		95.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.202*		mg/Kg wet	0.200		101	30-150			
Surrogate: Tetrachloro-m-xylene	*0.235*		mg/Kg wet	0.200		118	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.240*		mg/Kg wet	0.200		120	30-150			
LCS (B023214-BS1)				Prepared: 12/06/10 Analyzed: 12/07/10						
Aroclor-1016	0.21	0.10	mg/Kg wet	0.200		103	40-140			
Aroclor-1016 [2C]	0.21	0.10	mg/Kg wet	0.200		107	40-140			
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200		93.8	40-140			
Aroclor-1260 [2C]	0.19	0.10	mg/Kg wet	0.200		94.0	40-140			
Surrogate: Decachlorobiphenyl	*0.167*		mg/Kg wet	0.200		83.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.180*		mg/Kg wet	0.200		90.0	30-150			
Surrogate: Tetrachloro-m-xylene	*0.210*		mg/Kg wet	0.200		105	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.216*		mg/Kg wet	0.200		108	30-150			
LCS Dup (B023214-BSD1)				Prepared: 12/06/10 Analyzed: 12/07/10						
Aroclor-1016	0.24	0.10	mg/Kg wet	0.200		120	40-140	14.7	30	
Aroclor-1016 [2C]	0.25	0.10	mg/Kg wet	0.200		124	40-140	14.1	30	
Aroclor-1260	0.22	0.10	mg/Kg wet	0.200		111	40-140	16.6	30	
Aroclor-1260 [2C]	0.22	0.10	mg/Kg wet	0.200		112	40-140	17.1	30	
Surrogate: Decachlorobiphenyl	*0.199*		mg/Kg wet	0.200		99.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.212*		mg/Kg wet	0.200		106	30-150			
Surrogate: Tetrachloro-m-xylene	*0.240*		mg/Kg wet	0.200		120	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.245*		mg/Kg wet	0.200		123	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B023214 - SW-846 3546											
Matrix Spike (B023214-MS1)	**Source: 10L0137-02**			Prepared: 12/06/10 Analyzed: 12/07/10							
Aroclor-1016	5.2	0.13	mg/Kg dry	0.252	ND	**2080**	*	40-140			MS-21
Aroclor-1016 [2C]	4.7	0.13	mg/Kg dry	0.252	ND	**1850**	*	40-140			MS-21
Aroclor-1260	0.34	0.13	mg/Kg dry	0.252	ND	136		40-140			
Aroclor-1260 [2C]	0.33	0.13	mg/Kg dry	0.252	ND	130		40-140			
Surrogate: Decachlorobiphenyl	*0.212*		mg/Kg dry	0.252		84.0		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.251*		mg/Kg dry	0.252		99.7		30-150			
Surrogate: Tetrachloro-m-xylene	*0.228*		mg/Kg dry	0.252		90.3		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.226*		mg/Kg dry	0.252		89.8		30-150			
Matrix Spike Dup (B023214-MSD1)	**Source: 10L0137-02**			Prepared: 12/06/10 Analyzed: 12/07/10							
Aroclor-1016	8.3	0.13	mg/Kg dry	0.252	ND	**3290**	*	40-140	44.9	50	MS-21
Aroclor-1016 [2C]	7.3	0.13	mg/Kg dry	0.252	ND	**2900**	*	40-140	44.2	50	MS-21
Aroclor-1260	0.35	0.13	mg/Kg dry	0.252	ND	138		40-140	1.71	50	
Aroclor-1260 [2C]	0.34	0.13	mg/Kg dry	0.252	ND	134		40-140	2.83	50	
Surrogate: Decachlorobiphenyl	*0.238*		mg/Kg dry	0.252		94.4		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.271*		mg/Kg dry	0.252		108		30-150			
Surrogate: Tetrachloro-m-xylene	*0.244*		mg/Kg dry	0.252		96.8		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.248*		mg/Kg dry	0.252		98.4		30-150			
Batch B023342 - SW-846 3510C											
Blank (B023342-BLK1)				Prepared & Analyzed: 12/08/10							
Aroclor-1016	ND	0.20	µg/L								
Aroclor-1016 [2C]	ND	0.20	µg/L								
Aroclor-1221	ND	0.20	µg/L								
Aroclor-1221 [2C]	ND	0.20	µg/L								
Aroclor-1232	ND	0.20	µg/L								
Aroclor-1232 [2C]	ND	0.20	µg/L								
Aroclor-1242	ND	0.20	µg/L								
Aroclor-1242 [2C]	ND	0.20	µg/L								
Aroclor-1248	ND	0.20	µg/L								
Aroclor-1248 [2C]	ND	0.20	µg/L								
Aroclor-1254	ND	0.20	µg/L								
Aroclor-1254 [2C]	ND	0.20	µg/L								
Aroclor-1260	ND	0.20	µg/L								
Aroclor-1260 [2C]	ND	0.20	µg/L								
Aroclor-1262	ND	0.20	µg/L								
Aroclor-1262 [2C]	ND	0.20	µg/L								
Aroclor-1268	ND	0.20	µg/L								
Aroclor-1268 [2C]	ND	0.20	µg/L								
Surrogate: Decachlorobiphenyl	*2.49*		µg/L	2.00		124		30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.28*		µg/L	2.00		114		30-150			
Surrogate: Tetrachloro-m-xylene	*2.26*		µg/L	2.00		113		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*2.17*		µg/L	2.00		108		30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023342 - SW-846 3510C										
LCS (B023342-BS1)				Prepared & Analyzed: 12/08/10						
Aroclor-1016	0.57	0.20	µg/L	0.500		114	40-140			
Aroclor-1016 [2C]	0.61	0.20	µg/L	0.500		121	40-140			
Aroclor-1260	0.59	0.20	µg/L	0.500		118	40-140			
Aroclor-1260 [2C]	0.58	0.20	µg/L	0.500		117	40-140			
Surrogate: Decachlorobiphenyl	*2.49*		µg/L	2.00		124	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.29*		µg/L	2.00		114	30-150			
Surrogate: Tetrachloro-m-xylene	*2.28*		µg/L	2.00		114	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*2.19*		µg/L	2.00		109	30-150			
LCS Dup (B023342-BSD1)				Prepared & Analyzed: 12/08/10						
Aroclor-1016	0.59	0.20	µg/L	0.500		118	40-140	3.51	20	
Aroclor-1016 [2C]	0.62	0.20	µg/L	0.500		124	40-140	2.31	20	
Aroclor-1260	0.61	0.20	µg/L	0.500		122	40-140	3.08	20	
Aroclor-1260 [2C]	0.60	0.20	µg/L	0.500		120	40-140	2.81	20	
Surrogate: Decachlorobiphenyl	*2.58*		µg/L	2.00		129	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.35*		µg/L	2.00		118	30-150			
Surrogate: Tetrachloro-m-xylene	*2.37*		µg/L	2.00		119	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*2.27*		µg/L	2.00		114	30-150			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023213 - SW-846 3546										
Blank (B023213-BLK1)				Prepared: 12/06/10 Analyzed: 12/07/10						
CT ETPH	ND	10	mg/Kg wet							
Surrogate: o-Terphenyl	*2.45*		mg/Kg wet	3.33		73.4	50-150			
LCS (B023213-BS1)				Prepared: 12/06/10 Analyzed: 12/07/10						
CT ETPH	21.4	10	mg/Kg wet	33.3		64.2	60-120			
Surrogate: o-Terphenyl	*2.61*		mg/Kg wet	3.33		78.2	50-150			
LCS Dup (B023213-BSD1)				Prepared: 12/06/10 Analyzed: 12/07/10						
CT ETPH	20.7	10	mg/Kg wet	33.3		62.0	60-120	3.44	30	
Surrogate: o-Terphenyl	*2.55*		mg/Kg wet	3.33		76.6	50-150			
Matrix Spike (B023213-MS1)	**Source: 10L0137-12**			Prepared: 12/06/10 Analyzed: 12/07/10						
CT ETPH	81.5	11	mg/Kg dry	35.6	51.8	83.6	50-150			
Surrogate: o-Terphenyl	*2.57*		mg/Kg dry	3.56		72.3	50-150			
Matrix Spike Dup (B023213-MSD1)	**Source: 10L0137-12**			Prepared: 12/06/10 Analyzed: 12/07/10						
CT ETPH	91.5	11	mg/Kg dry	35.6	51.8	112	50-150	11.5	30	
Surrogate: o-Terphenyl	*2.49*		mg/Kg dry	3.56		70.0	50-150			
Batch B023424 - SW-846 3510C										
Blank (B023424-BLK1)				Prepared & Analyzed: 12/09/10						
CT ETPH	ND	0.075	mg/L							
Surrogate: o-Terphenyl	*0.0892*		mg/L	0.100		89.2	50-150			
LCS (B023424-BS1)				Prepared & Analyzed: 12/09/10						
CT ETPH	0.814	0.075	mg/L	1.00		81.4	60-120			
Surrogate: o-Terphenyl	*0.0887*		mg/L	0.100		88.7	50-150			
LCS Dup (B023424-BSD1)				Prepared & Analyzed: 12/09/10						
CT ETPH	0.811	0.075	mg/L	1.00		81.1	60-120	0.395	30	
Surrogate: o-Terphenyl	*0.0873*		mg/L	0.100		87.3	50-150			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023223 - SW-846 7471										
Blank (B023223-BLK1)				Prepared: 12/06/10 Analyzed: 12/07/10						
Mercury	ND	0.025	mg/Kg wet							
LCS (B023223-BS1)				Prepared: 12/06/10 Analyzed: 12/07/10						
Mercury	1.39	0.034	mg/Kg wet	1.25		111	66-132			
LCS Dup (B023223-BSD1)				Prepared: 12/06/10 Analyzed: 12/07/10						
Mercury	1.24	0.033	mg/Kg wet	1.25		99.4	66-132	11.3	30	
Batch B023225 - SW-846 7470A Prep										
Blank (B023225-BLK1)				Prepared & Analyzed: 12/06/10						
Mercury	ND	0.00010	mg/L							
LCS (B023225-BS1)				Prepared & Analyzed: 12/06/10						
Mercury	0.00234	0.00010	mg/L	0.00250		93.5	80-120			
LCS Dup (B023225-BSD1)				Prepared & Analyzed: 12/06/10						
Mercury	0.00233	0.00010	mg/L	0.00250		93.2	80-120	0.337	20	
Batch B023301 - SW-846 3050B										
Blank (B023301-BLK1)				Prepared: 12/07/10 Analyzed: 12/08/10						
Antimony	ND	2.5	mg/Kg wet							
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Beryllium	ND	0.25	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Copper	ND	0.50	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
Nickel	ND	0.50	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							
Thallium	ND	2.5	mg/Kg wet							
Vanadium	ND	1.0	mg/Kg wet							
Zinc	ND	1.0	mg/Kg wet							
LCS (B023301-BS1)				Prepared: 12/07/10 Analyzed: 12/08/10						
Antimony	107	5.0	mg/Kg wet	103		104	30-203.7			
Arsenic	97.9	5.0	mg/Kg wet	107		91.5	81.6-118.4			
Barium	318	5.0	mg/Kg wet	331		96.2	80.7-119.3			
Beryllium	71.4	0.50	mg/Kg wet	74.1		96.3	81.6-118.9			
Cadmium	223	0.50	mg/Kg wet	244		91.4	82.4-117.6			
Chromium	77.9	0.99	mg/Kg wet	80.6		96.6	78.8-120.7			
Copper	65.2	0.99	mg/Kg wet	65.3		99.9	83.7-117.1			
Lead	101	1.5	mg/Kg wet	107		94.3	79.1-120.3			
Nickel	92.9	0.99	mg/Kg wet	96.8		96.0	81.2-119.2			
Selenium	169	9.9	mg/Kg wet	177		95.4	78.4-120.9			
Silver	40.5	0.99	mg/Kg wet	46.2		87.6	66.2-133.6			
Thallium	253	5.0	mg/Kg wet	272		93.0	77.6-122.4			
Vanadium	115	2.0	mg/Kg wet	115		100	79.4-120.1			
Zinc	347	2.0	mg/Kg wet	378		91.8	80.5-119.3			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023301 - SW-846 3050B										
LCS (B023301-BS2)				Prepared: 12/07/10 Analyzed: 12/08/10						
Lead	0.759	0.76	mg/Kg wet	0.762		99.6	80-120			
LCS Dup (B023301-BSD1)				Prepared: 12/07/10 Analyzed: 12/08/10						
Antimony	112	5.0	mg/Kg wet	103		108	30-203.7	4.18	30	
Arsenic	97.9	5.0	mg/Kg wet	107		91.5	81.6-118.4	0.0191	30	
Barium	334	5.0	mg/Kg wet	331		101	80.7-119.3	4.85	30	
Beryllium	72.5	0.50	mg/Kg wet	74.1		97.8	81.6-118.9	1.55	30	
Cadmium	237	0.50	mg/Kg wet	244		97.2	82.4-117.6	6.15	30	
Chromium	79.1	1.0	mg/Kg wet	80.6		98.1	78.8-120.7	1.57	30	
Copper	66.3	1.0	mg/Kg wet	65.3		102	83.7-117.1	1.69	30	
Lead	97.0	1.5	mg/Kg wet	107		90.6	79.1-120.3	3.91	30	
Nickel	95.8	1.0	mg/Kg wet	96.8		98.9	81.2-119.2	3.02	30	
Selenium	170	10	mg/Kg wet	177		96.3	78.4-120.9	0.862	30	
Silver	41.9	1.0	mg/Kg wet	46.2		90.7	66.2-133.6	3.54	30	
Thallium	260	5.0	mg/Kg wet	272		95.5	77.6-122.4	2.66	30	
Vanadium	117	2.0	mg/Kg wet	115		102	79.4-120.1	1.43	30	
Zinc	357	2.0	mg/Kg wet	378		94.4	80.5-119.3	2.83	30	
Batch B023375 - SW-846 3005A										
Blank (B023375-BLK1)				Prepared & Analyzed: 12/08/10						
Antimony	ND	5.0	µg/L							
Arsenic	ND	2.0	µg/L							
Barium	ND	50	µg/L							
Beryllium	ND	2.0	µg/L							
Cadmium	ND	2.5	µg/L							
Chromium	ND	5.0	µg/L							
Copper	ND	25	µg/L							
Lead	ND	5.0	µg/L							
Nickel	ND	25	µg/L							
Selenium	ND	25	µg/L							
Silver	ND	2.5	µg/L							
Thallium	ND	1.0	µg/L							
Vanadium	ND	25	µg/L							
Zinc	ND	50	µg/L							
LCS (B023375-BS1)				Prepared & Analyzed: 12/08/10						
Antimony	236	5.0	µg/L	250		94.6	80-120			
Arsenic	249	2.0	µg/L	250		99.6	80-120			
Barium	249	50	µg/L	250		99.6	80-120			
Beryllium	245	2.0	µg/L	250		98.0	80-120			
Cadmium	243	2.5	µg/L	250		97.3	80-120			
Chromium	250	5.0	µg/L	250		100	80-120			
Copper	243	25	µg/L	250		97.1	80-120			
Lead	242	5.0	µg/L	250		96.7	80-120			
Nickel	244	25	µg/L	250		97.7	80-120			
Selenium	228	25	µg/L	250		91.3	80-120			
Silver	252	2.5	µg/L	250		101	80-120			
Thallium	247	1.0	µg/L	250		98.7	80-120			
Vanadium	242	25	µg/L	250		96.8	80-120			
Zinc	258	50	µg/L	250		103	80-120			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023375 - SW-846 3005A										
LCS Dup (B023375-BSD1)				Prepared & Analyzed: 12/08/10						
Antimony	243	5.0	µg/L	250		97.1	80-120	2.63	20	
Arsenic	255	2.0	µg/L	250		102	80-120	2.42	20	
Barium	250	50	µg/L	250		100	80-120	0.566	20	
Beryllium	248	2.0	µg/L	250		99.4	80-120	1.38	20	
Cadmium	249	2.5	µg/L	250		99.5	80-120	2.32	20	
Chromium	253	5.0	µg/L	250		101	80-120	1.22	20	
Copper	247	25	µg/L	250		98.8	80-120	1.70	20	
Lead	255	5.0	µg/L	250		102	80-120	5.41	20	
Nickel	251	25	µg/L	250		100	80-120	2.61	20	
Selenium	235	25	µg/L	250		94.1	80-120	3.00	20	
Silver	251	2.5	µg/L	250		100	80-120	0.492	20	
Thallium	257	1.0	µg/L	250		103	80-120	3.94	20	
Vanadium	244	25	µg/L	250		97.7	80-120	0.953	20	
Zinc	300	50	µg/L	250		120	80-120	15.1	20	
Duplicate (B023375-DUP1)	**Source: 10L0137-14**			Prepared & Analyzed: 12/08/10						
Antimony	ND	5.0	µg/L		ND			NC	20	
Arsenic	ND	2.0	µg/L		ND			NC	20	
Barium	ND	50	µg/L		ND			NC	20	
Beryllium	ND	2.0	µg/L		ND			NC	20	
Cadmium	ND	2.5	µg/L		ND			NC	20	
Chromium	ND	5.0	µg/L		ND			NC	20	
Copper	ND	25	µg/L		ND			NC	20	
Lead	ND	5.0	µg/L		ND			NC	20	
Nickel	ND	25	µg/L		ND			NC	20	
Selenium	ND	25	µg/L		ND			NC	20	
Silver	ND	2.5	µg/L		ND			NC	20	
Thallium	ND	1.0	µg/L		ND			NC	20	
Vanadium	ND	25	µg/L		ND			NC	20	
Zinc	ND	50	µg/L		ND			NC	20	
Matrix Spike (B023375-MS1)	**Source: 10L0137-14**			Prepared & Analyzed: 12/08/10						
Antimony	254	5.0	µg/L	250	0.913	101	75-125			
Arsenic	261	2.0	µg/L	250	ND	104	75-125			
Barium	259	50	µg/L	250	0.765	103	75-125			
Beryllium	259	2.0	µg/L	250	ND	104	75-125			
Cadmium	252	2.5	µg/L	250	0.164	101	75-125			
Chromium	264	5.0	µg/L	250	ND	106	75-125			
Copper	251	25	µg/L	250	ND	100	75-125			
Lead	257	5.0	µg/L	250	1.35	102	75-125			
Nickel	254	25	µg/L	250	1.22	101	75-125			
Selenium	244	25	µg/L	250	ND	97.7	75-125			
Silver	264	2.5	µg/L	250	0.448	105	75-125			
Thallium	261	1.0	µg/L	250	ND	104	75-125			
Vanadium	250	25	µg/L	250	ND	99.9	75-125			
Zinc	280	50	µg/L	250	ND	112	75-125			

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD		RPD Limit	Notes
Batch B023280 - % Solids											
Duplicate (B023280-DUP2)	**Source: 10L0137-01**			Prepared & Analyzed: 12/07/10							
% Solids	81.4		% Wt		76.9			5.69		20	
Batch B023416 - SW846 9014											
Blank (B023416-BLK1)				Prepared & Analyzed: 12/09/10							
Cyanide	ND	0.50	mg/Kg wet								
LCS (B023416-BS1)				Prepared & Analyzed: 12/09/10							
Cyanide	43	0.98	mg/Kg wet	47.6		89.5	80-120				
LCS Dup (B023416-BSD1)				Prepared & Analyzed: 12/09/10							
Cyanide	45	0.98	mg/Kg wet	47.6		94.7	80-120	5.46		20	
Matrix Spike (B023416-MS2)	**Source: 10L0137-12**			Prepared & Analyzed: 12/09/10							
Cyanide	9.4	0.31	mg/Kg dry	10.5	ND	89.3	75-125				
Matrix Spike Dup (B023416-MSD2)	**Source: 10L0137-12**			Prepared & Analyzed: 12/09/10							
Cyanide	12	0.37	mg/Kg dry	12.8	ND	94.5	75-125	**25.3**	*	20	R-06
Batch B023421 - SM18-20 4500 CN E											
Blank (B023421-BLK1)				Prepared & Analyzed: 12/09/10							
Cyanide	ND	0.010	mg/L								
LCS (B023421-BS1)				Prepared & Analyzed: 12/09/10							
Cyanide	0.61	0.010	mg/L	0.696		88.0	80-120				
LCS Dup (B023421-BSD1)				Prepared & Analyzed: 12/09/10							
Cyanide	0.60	0.010	mg/L	0.696		85.8	80-120	2.64			
Matrix Spike (B023421-MS1)	**Source: 10L0137-14**			Prepared & Analyzed: 12/09/10							
Cyanide	0.33	0.010	mg/L	0.344	ND	95.3	75-125				
Matrix Spike Dup (B023421-MSD1)	**Source: 10L0137-14**			Prepared & Analyzed: 12/09/10							
Cyanide	0.32	0.010	mg/L	0.344	ND	93.6	75-125	1.84			

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QUALITY CONTROL

SPLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023283 - SW-846 3010A										
Blank (B023283-BLK1)				Prepared & Analyzed: 12/07/10						
Antimony	ND	5.0	µg/L							
Arsenic	ND	2.0	µg/L							
Barium	ND	50	µg/L							
Beryllium	ND	2.0	µg/L							
Cadmium	ND	2.5	µg/L							
Chromium	ND	5.0	µg/L							
Copper	ND	25	µg/L							
Lead	ND	5.0	µg/L							
Nickel	ND	25	µg/L							
Selenium	ND	25	µg/L							
Silver	ND	2.5	µg/L							
Thallium	ND	1.0	µg/L							
Vanadium	ND	25	µg/L							
Zinc	ND	50	µg/L							
LCS (B023283-BS1)				Prepared & Analyzed: 12/07/10						
Antimony	257	5.0	µg/L	250		103	80-120			
Arsenic	264	2.0	µg/L	250		106	80-120			
Barium	253	50	µg/L	250		101	80-120			
Beryllium	240	2.0	µg/L	250		96.2	80-120			
Cadmium	253	2.5	µg/L	250		101	80-120			
Chromium	259	5.0	µg/L	250		103	80-120			
Copper	249	25	µg/L	250		99.7	80-120			
Lead	253	5.0	µg/L	250		101	80-120			
Nickel	252	25	µg/L	250		101	80-120			
Selenium	242	25	µg/L	250		97.0	80-120			
Silver	284	2.5	µg/L	250		113	80-120			
Thallium	243	1.0	µg/L	250		97.2	80-120			
Vanadium	245	25	µg/L	250		98.0	80-120			
Zinc	253	50	µg/L	250		101	80-120			
LCS Dup (B023283-BSD1)				Prepared & Analyzed: 12/07/10						
Antimony	261	5.0	µg/L	250		105	80-120	1.48	20	
Arsenic	264	2.0	µg/L	250		106	80-120	0.0918	20	
Barium	256	50	µg/L	250		102	80-120	1.08	20	
Beryllium	246	2.0	µg/L	250		98.2	80-120	2.09	20	
Cadmium	256	2.5	µg/L	250		102	80-120	1.27	20	
Chromium	264	5.0	µg/L	250		106	80-120	1.99	20	
Copper	252	25	µg/L	250		101	80-120	1.31	20	
Lead	254	5.0	µg/L	250		102	80-120	0.628	20	
Nickel	254	25	µg/L	250		101	80-120	0.658	20	
Selenium	241	25	µg/L	250		96.4	80-120	0.601	20	
Silver	284	2.5	µg/L	250		114	80-120	0.0289	20	
Thallium	247	1.0	µg/L	250		99.0	80-120	1.83	20	
Vanadium	252	25	µg/L	250		101	80-120	2.71	20	
Zinc	256	50	µg/L	250		102	80-120	0.887	20	

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QUALITY CONTROL

SPLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023284 - SW-846 7470A Prep										
Blank (B023284-BLK1)				Prepared & Analyzed: 12/07/10						
Mercury	ND	0.00010	mg/L							
LCS (B023284-BS1)				Prepared & Analyzed: 12/07/10						
Mercury	0.00177	0.00010	mg/L	0.00200		88.7	80-120			
LCS Dup (B023284-BSD1)				Prepared & Analyzed: 12/07/10						
Mercury	0.00176	0.00010	mg/L	0.00200		87.9	80-120	0.935	20	
Batch B023479 - SW-846 3010A										
Blank (B023479-BLK1)				Prepared & Analyzed: 12/10/10						
Antimony	ND	5.0	µg/L							
Arsenic	ND	2.0	µg/L							
Barium	ND	50	µg/L							
Beryllium	ND	2.0	µg/L							
Cadmium	ND	2.5	µg/L							
Chromium	ND	5.0	µg/L							
Copper	ND	25	µg/L							
Lead	ND	5.0	µg/L							
Nickel	ND	25	µg/L							
Selenium	ND	25	µg/L							
Silver	ND	2.5	µg/L							
Thallium	ND	1.0	µg/L							
Vanadium	ND	25	µg/L							
Zinc	ND	50	µg/L							
LCS (B023479-BS1)				Prepared & Analyzed: 12/10/10						
Antimony	249	5.0	µg/L	250		99.8	80-120			
Arsenic	264	2.0	µg/L	250		106	80-120			
Barium	253	50	µg/L	250		101	80-120			
Beryllium	254	2.0	µg/L	250		102	80-120			
Cadmium	255	2.5	µg/L	250		102	80-120			
Chromium	259	5.0	µg/L	250		104	80-120			
Copper	249	25	µg/L	250		99.7	80-120			
Lead	251	5.0	µg/L	250		100	80-120			
Nickel	248	25	µg/L	250		99.1	80-120			
Selenium	239	25	µg/L	250		95.7	80-120			
Silver	280	2.5	µg/L	250		112	80-120			
Thallium	248	1.0	µg/L	250		99.3	80-120			
Vanadium	248	25	µg/L	250		99.3	80-120			
Zinc	261	50	µg/L	250		104	80-120			

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QUALITY CONTROL

SPLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023479 - SW-846 3010A										
LCS Dup (B023479-BSD1)				Prepared & Analyzed: 12/10/10						
Antimony	245	5.0	µg/L	250		98.0	80-120	1.83	20	
Arsenic	264	2.0	µg/L	250		106	80-120	0.120	20	
Barium	249	50	µg/L	250		99.6	80-120	1.74	20	
Beryllium	251	2.0	µg/L	250		101	80-120	1.13	20	
Cadmium	250	2.5	µg/L	250		99.9	80-120	2.19	20	
Chromium	255	5.0	µg/L	250		102	80-120	1.58	20	
Copper	240	25	µg/L	250		95.9	80-120	3.93	20	
Lead	247	5.0	µg/L	250		98.8	80-120	1.55	20	
Nickel	243	25	µg/L	250		97.3	80-120	1.79	20	
Selenium	242	25	µg/L	250		96.7	80-120	1.01	20	
Silver	272	2.5	µg/L	250		109	80-120	3.09	20	
Thallium	250	1.0	µg/L	250		100	80-120	0.818	20	
Vanadium	248	25	µg/L	250		99.1	80-120	0.198	20	
Zinc	252	50	µg/L	250		101	80-120	3.30	20	
Matrix Spike (B023479-MS1)		**Source: 10L0137-01RE1**		Prepared & Analyzed: 12/10/10						
Antimony	242	5.0	µg/L	250	7.82	93.9	75-125			
Arsenic	261	2.0	µg/L	250	1.18	104	75-125			
Barium	313	50	µg/L	250	61.9	101	75-125			
Beryllium	259	2.0	µg/L	250	ND	103	75-125			
Cadmium	252	2.5	µg/L	250	0.161	101	75-125			
Chromium	256	5.0	µg/L	250	ND	102	75-125			
Copper	251	25	µg/L	250	10.4	96.2	75-125			
Lead	312	5.0	µg/L	250	61.5	100	75-125			
Nickel	245	25	µg/L	250	1.19	97.7	75-125			
Selenium	233	25	µg/L	250	ND	93.3	75-125			
Silver	275	2.5	µg/L	250	0.134	110	75-125			
Thallium	256	1.0	µg/L	250	0.280	102	75-125			
Vanadium	249	25	µg/L	250	ND	99.4	75-125			
Zinc	312	50	µg/L	250	66.1	98.3	75-125			
Batch B023483 - SW-846 7470A Prep										
Blank (B023483-BLK1)				Prepared & Analyzed: 12/10/10						
Mercury	ND	0.00010	mg/L							
LCS (B023483-BS1)				Prepared & Analyzed: 12/10/10						
Mercury	0.00209	0.00010	mg/L	0.00200		105	80-120			
LCS Dup (B023483-BSD1)				Prepared & Analyzed: 12/10/10						
Mercury	0.00201	0.00010	mg/L	0.00200		101	80-120	3.88	20	

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QUALITY CONTROL

SPLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023483 - SW-846 7470A Prep										
Matrix Spike (B023483-MS1)	**Source: 10L0137-01RE1**			Prepared & Analyzed: 12/10/10						
Mercury	0.00210	0.00010	mg/L	0.00200	6.31E-5	102	75-125			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
E	Reported result is estimated. Value reported over verified calibration range.
L-01	Laboratory fortified blank /laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
L-07A	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.
MS-21	Matrix spike and spike duplicate recovery bias high due to contribution of other Aroclors present in source sample.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
R-06	Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.
S-07	One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.
V-04	Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the low side.
V-06	Continuing calibration did not meet method specifications and was biased on the high side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the high side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Soil	
CT ETPH	CT
CTDEP ETPH in Water	
CT ETPH	CT
SM18-20 4500 CN E in Water	
Cyanide	CT,MA,NH,NY,RI,NC
SW-846 6010B in Soil	
Antimony	CT,NH,NY
Arsenic	CT,NH,NY
Barium	CT,NH,NY
Beryllium	CT,NH,NY
Cadmium	CT,NH,NY
Chromium	CT,NH,NY
Copper	CT,NH,NY
Lead	CT,NH,NY,AIHA
Nickel	CT,NH,NY
Selenium	CT,NH,NY
Silver	CT,NH,NY
Thallium	CT,NH,NY
Vanadium	CT,NH,NY
Zinc	CT,NH,NY
SW-846 6020A in Water	
Antimony	CT,NH,NY,RI,NC
Arsenic	CT,NH,NY,RI,NC
Barium	CT,NH,NY,RI,NC
Beryllium	CT,NH,NY,RI,NC
Cadmium	CT,NH,NY,RI,NC
Chromium	CT,NH,NY,RI,NC
Copper	CT,NH,NY,RI,NC
Lead	CT,NH,NY,RI,NC
Nickel	CT,NH,NY,RI,NC
Selenium	CT,NH,NY,RI,NC
Silver	CT,NH,NY,RI,NC
Thallium	CT,NH,NY,RI,NC
Vanadium	CT,NC,NH,NY,RI
Zinc	CT,NH,NY,RI,NC
SW-846 7470A in Water	
Mercury	CT,NH,NY,RI,NC
SW-846 7471A in Soil	
Mercury	CT,NH,NY
SW-846 8082 in Soil	
Aroclor-1016	CT,NH,NY,NC
Aroclor-1016 [2C]	CT,NH,NY,NC
Aroclor-1221	CT,NH,NY,NC
Aroclor-1221 [2C]	CT,NH,NY,NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082 in Soil	
Aroclor-1232	CT,NH,NY,NC
Aroclor-1232 [2C]	CT,NH,NY,NC
Aroclor-1242	CT,NH,NY,NC
Aroclor-1242 [2C]	CT,NH,NY,NC
Aroclor-1248	CT,NH,NY,NC
Aroclor-1248 [2C]	CT,NH,NY,NC
Aroclor-1254	CT,NH,NY,NC
Aroclor-1254 [2C]	CT,NH,NY,NC
Aroclor-1260	CT,NH,NY,NC
Aroclor-1260 [2C]	CT,NH,NY,NC
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8082 in Water	
Aroclor-1016	CT,NH,NY,RI,NC
Aroclor-1016 [2C]	CT,NH,NY,RI,NC
Aroclor-1221	CT,NH,NY,RI,NC
Aroclor-1221 [2C]	CT,NH,NY,RI,NC
Aroclor-1232	CT,NH,NY,RI,NC
Aroclor-1232 [2C]	CT,NH,NY,RI,NC
Aroclor-1242	CT,NH,NY,RI,NC
Aroclor-1242 [2C]	CT,NH,NY,RI,NC
Aroclor-1248	CT,NH,NY,RI,NC
Aroclor-1248 [2C]	CT,NH,NY,RI,NC
Aroclor-1254	CT,NH,NY,RI,NC
Aroclor-1254 [2C]	CT,NH,NY,RI,NC
Aroclor-1260	CT,NH,NY,RI,NC
Aroclor-1260 [2C]	CT,NH,NY,RI,NC
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260B in Soil	
Acetone	CT,NH,NY,NC
Acrylonitrile	CT,NH,NY,NC
Benzene	CT,NH,NY,NC
Bromobenzene	NH,NY,NC
Bromodichloromethane	CT,NH,NY,NC
Bromoform	CT,NH,NY,NC
Bromomethane	CT,NH,NY,NC
2-Butanone (MEK)	CT,NH,NY,NC
n-Butylbenzene	CT,NH,NY,NC
sec-Butylbenzene	CT,NH,NY,NC
tert-Butylbenzene	CT,NH,NY,NC
Carbon Disulfide	CT,NH,NY,NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Soil	
Carbon Tetrachloride	CT,NH,NY,NC
Chlorobenzene	CT,NH,NY,NC
Chlorodibromomethane	CT,NH,NY,NC
Chloroethane	CT,NH,NY,NC
Chloroform	CT,NH,NY,NC
Chloromethane	CT,NH,NY,NC
2-Chlorotoluene	CT,NH,NY,NC
4-Chlorotoluene	CT,NH,NY,NC
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC
Dibromomethane	NH,NY,NC
1,2-Dichlorobenzene	CT,NH,NY,NC
1,3-Dichlorobenzene	CT,NH,NY,NC
1,4-Dichlorobenzene	CT,NH,NY,NC
trans-1,4-Dichloro-2-butene	NC
Dichlorodifluoromethane (Freon 12)	NY,NC
1,1-Dichloroethane	CT,NH,NY,NC
1,2-Dichloroethane	CT,NH,NY,NC
1,1-Dichloroethylene	CT,NH,NY,NC
cis-1,2-Dichloroethylene	CT,NH,NY,NC
trans-1,2-Dichloroethylene	CT,NH,NY,NC
1,2-Dichloropropane	CT,NH,NY,NC
1,3-Dichloropropane	NH,NY,NC
2,2-Dichloropropane	NH,NY,NC
1,1-Dichloropropene	NH,NY,NC
cis-1,3-Dichloropropene	CT,NH,NY,NC
trans-1,3-Dichloropropene	CT,NH,NY,NC
Ethylbenzene	CT,NH,NY,NC
Hexachlorobutadiene	NH,NY,NC
2-Hexanone (MBK)	CT,NH,NY,NC
Isopropylbenzene (Cumene)	CT,NH,NY,NC
p-Isopropyltoluene (p-Cymene)	NC
Methyl tert-Butyl Ether (MTBE)	NC
Methylene Chloride	CT,NH,NY,NC
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC
Naphthalene	NH,NY,NC
n-Propylbenzene	NC
Styrene	CT,NH,NY,NC
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC
Tetrachloroethylene	CT,NH,NY,NC
Tetrahydrofuran	NC
Toluene	CT,NH,NY,NC
1,2,3-Trichlorobenzene	NC
1,2,4-Trichlorobenzene	NH,NY,NC
1,1,1-Trichloroethane	CT,NH,NY,NC
1,1,2-Trichloroethane	CT,NH,NY,NC

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Analyte	Certifications
SW-846 8260B in Soil	
Trichloroethylene	CT,NH,NY,NC
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC
1,2,3-Trichloropropane	NH,NY,NC
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC
1,2,4-Trimethylbenzene	CT,NH,NY,NC
1,3,5-Trimethylbenzene	CT,NH,NY,NC
Vinyl Chloride	CT,NH,NY,NC
m+p Xylene	CT,NH,NY,NC
o-Xylene	CT,NH,NY,NC
SW-846 8260B in Water	
Acetone	CT,NH,NY,NC
Acrylonitrile	CT,NY,NC,RI
Benzene	CT,NH,NY,NC,RI
Bromobenzene	NC
Bromodichloromethane	CT,NH,NY,NC,RI
Bromoform	CT,NH,NY,NC,RI
Bromomethane	CT,NH,NY,NC,RI
2-Butanone (MEK)	CT,NH,NY,NC
n-Butylbenzene	NY,NC
sec-Butylbenzene	NY,NC
tert-Butylbenzene	NY,NC
Carbon Disulfide	CT,NH,NY,NC
Carbon Tetrachloride	CT,NH,NY,NC,RI
Chlorobenzene	CT,NH,NY,NC,RI
Chlorodibromomethane	CT,NH,NY,NC,RI
Chloroethane	CT,NH,NY,NC,RI
Chloroform	CT,NH,NY,NC,RI
Chloromethane	CT,NH,NY,NC,RI
2-Chlorotoluene	NY,NC
4-Chlorotoluene	NY,NC
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC
Dibromomethane	NH,NY,NC
1,2-Dichlorobenzene	CT,NY,NC,RI
1,3-Dichlorobenzene	CT,NH,NY,NC,RI
1,4-Dichlorobenzene	CT,NH,NY,NC,RI
trans-1,4-Dichloro-2-butene	NH,NY,NC
Dichlorodifluoromethane (Freon 12)	NH,NY,NC,RI
1,1-Dichloroethane	CT,NH,NY,NC,RI
1,2-Dichloroethane	CT,NH,NY,NC,RI
1,1-Dichloroethylene	CT,NH,NY,NC,RI
cis-1,2-Dichloroethylene	NC
trans-1,2-Dichloroethylene	CT,NH,NY,NC,RI
1,2-Dichloropropane	CT,NH,NY,NC,RI
1,3-Dichloropropane	NY,NC
2,2-Dichloropropane	NH,NY,NC

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CERTIFICATIONS

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Analyte	Certifications
SW-846 8260B in Water	
1,1-Dichloropropene	NH,NY,NC
cis-1,3-Dichloropropene	CT,NH,NY,NC,RI
trans-1,3-Dichloropropene	CT,NH,NY,NC,RI
Ethylbenzene	CT,NH,NY,NC,RI
Hexachlorobutadiene	CT,NH,NY,NC
2-Hexanone (MBK)	CT,NH,NY,NC
Isopropylbenzene (Cumene)	NY,NC
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,NC
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,NC
Methylene Chloride	CT,NH,NY,NC,RI
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC
Naphthalene	NH,NY,NC
n-Propylbenzene	CT,NH,NY,NC
Styrene	CT,NH,NY,NC
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC,RI
Tetrachloroethylene	CT,NH,NY,NC,RI
Tetrahydrofuran	NC
Toluene	CT,NH,NY,NC,RI
1,2,3-Trichlorobenzene	NH,NY,NC
1,2,4-Trichlorobenzene	CT,NH,NY,NC
1,1,1-Trichloroethane	CT,NH,NY,NC,RI
1,1,2-Trichloroethane	CT,NH,NY,NC,RI
Trichloroethylene	CT,NH,NY,NC,RI
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC,RI
1,2,3-Trichloropropane	NH,NY,NC
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC
1,2,4-Trimethylbenzene	NY,NC
1,3,5-Trimethylbenzene	NY,NC
Vinyl Chloride	CT,NH,NY,NC,RI
m+p Xylene	CT,NH,NY,NC,RI
o-Xylene	CT,NH,NY,NC,RI
SW-846 8270C in Soil	
Acenaphthene	CT,NY,NH
Acenaphthylene	CT,NY,NH
Aniline	NY,NH
Anthracene	CT,NY,NH
Benzo(a)anthracene	CT,NY,NH
Benzo(a)pyrene	CT,NY,NH
Benzo(b)fluoranthene	CT,NY,NH
Benzo(g,h,i)perylene	CT,NY,NH
Benzo(k)fluoranthene	CT,NY,NH
Bis(2-chloroethoxy)methane	CT,NY,NH
Bis(2-chloroethyl)ether	CT,NY,NH
Bis(2-chloroisopropyl)ether	CT,NY,NH
Bis(2-Ethylhexyl)phthalate	CT,NY,NH

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Analyte	Certifications
SW-846 8270C in Soil	
4-Bromophenylphenylether	CT,NY,NH
Butylbenzylphthalate	CT,NY,NH
4-Chloroaniline	CT,NY,NH
4-Chloro-3-methylphenol	CT,NY,NH
2-Chloronaphthalene	CT,NY,NH
2-Chlorophenol	CT,NY,NH
4-Chlorophenylphenylether	CT,NY,NH
Chrysene	CT,NY,NH
Dibenz(a,h)anthracene	CT,NY,NH
Dibenzofuran	CT,NY,NH
Di-n-butylphthalate	CT,NY,NH
1,2-Dichlorobenzene	NY,NH
1,3-Dichlorobenzene	NY,NH
1,4-Dichlorobenzene	NY,NH
3,3-Dichlorobenzidine	CT,NY,NH
2,4-Dichlorophenol	CT,NY,NH
Diethylphthalate	CT,NY,NH
2,4-Dimethylphenol	CT,NY,NH
Dimethylphthalate	CT,NY,NH
4,6-Dinitro-2-methylphenol	CT,NY,NH
2,4-Dinitrophenol	CT,NY,NH
2,4-Dinitrotoluene	CT,NY,NH
2,6-Dinitrotoluene	CT,NY,NH
Di-n-octylphthalate	CT,NY,NH
Fluoranthene	CT,NY,NH
Fluorene	NY,NH
Hexachlorobenzene	CT,NY,NH
Hexachlorobutadiene	CT,NY,NH
Hexachlorocyclopentadiene	CT,NY,NH
Hexachloroethane	CT,NY,NH
Indeno(1,2,3-cd)pyrene	CT,NY,NH
Isophorone	CT,NY,NH
2-Methylnaphthalene	CT,NY,NH
2-Methylphenol	CT,NY,NH
3/4-Methylphenol	CT,NY,NH
Naphthalene	CT,NY,NH
2-Nitroaniline	CT,NY,NH
3-Nitroaniline	CT,NY,NH
4-Nitroaniline	CT,NY,NH
Nitrobenzene	CT,NY,NH
2-Nitrophenol	CT,NY,NH
4-Nitrophenol	CT,NY,NH
N-Nitrosodiphenylamine	CT,NY,NH
N-Nitrosodi-n-propylamine	CT,NY,NH
Pentachlorophenol	CT,NY,NH
Phenanthrene	CT,NY,NH
Phenol	CT,NY,NH

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Analyte	Certifications
SW-846 8270C in Soil	
Pyrene	CT,NY,NH
Pyridine	CT,NY,NH
1,2,4-Trichlorobenzene	CT,NY,NH
2,4,5-Trichlorophenol	CT,NY,NH
2,4,6-Trichlorophenol	CT,NY,NH
SW-846 8270C in Water	
Acenaphthene	CT,NY,NH,RI
Acenaphthylene	CT,NY,NH,RI
Aniline	CT,NY
Anthracene	CT,NY,NH,RI
Benzo(a)anthracene	CT,NY,NH,RI
Benzo(a)pyrene	CT,NY,NH,RI
Benzo(b)fluoranthene	CT,NY,NH,RI
Benzo(g,h,i)perylene	CT,NY,NH,RI
Benzo(k)fluoranthene	CT,NY,NH,RI
Bis(2-chloroethoxy)methane	CT,NY,NH,RI
Bis(2-chloroethyl)ether	CT,NY,NH,RI
Bis(2-chloroisopropyl)ether	CT,NY,NH,RI
Bis(2-Ethylhexyl)phthalate	CT,NY,NH,RI
4-Bromophenylphenylether	CT,NY,NH,RI
Butylbenzylphthalate	CT,NY,NH,RI
4-Chloroaniline	CT,NY,NH
4-Chloro-3-methylphenol	CT,NY,NH,RI
2-Chloronaphthalene	CT,NY,NH,RI
2-Chlorophenol	CT,NY,NH,RI
4-Chlorophenylphenylether	CT,NY,NH,RI
Chrysene	CT,NY,NH,RI
Dibenz(a,h)anthracene	CT,NY,NH,RI
Dibenzofuran	CT,NY,NH
Di-n-butylphthalate	CT,NY,NH,RI
3,3-Dichlorobenzidine	CT,NY,NH,RI
2,4-Dichlorophenol	CT,NY,NH,RI
Diethylphthalate	CT,NY,NH,RI
2,4-Dimethylphenol	CT,NY,NH,RI
Dimethylphthalate	CT,NY,NH,RI
4,6-Dinitro-2-methylphenol	CT,NY,NH,RI
2,4-Dinitrophenol	CT,NY,NH,RI
2,4-Dinitrotoluene	CT,NY,NH,RI
2,6-Dinitrotoluene	CT,NY,NH,RI
Di-n-octylphthalate	CT,NY,NH,RI
Fluoranthene	CT,NY,NH,RI
Fluorene	NY,NH,RI
Hexachlorobenzene	CT,NY,NH,RI
Hexachlorobutadiene	CT,NY,NH,RI
Hexachlorocyclopentadiene	CT,NY,NH,RI
Hexachloroethane	CT,NY,NH,RI

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CERTIFICATIONS

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Analyte	Certifications
SW-846 8270C in Water	
Indeno(1,2,3-cd)pyrene	CT,NY,NH,RI
Isophorone	CT,NY,NH,RI
2-Methylnaphthalene	CT,NY,NH
2-Methylphenol	CT,NY,NH
3/4-Methylphenol	CT,NY,NH
Naphthalene	CT,NY,NH,RI
2-Nitroaniline	CT,NY,NH
3-Nitroaniline	CT,NY,NH
4-Nitroaniline	CT,NY,NH
Nitrobenzene	CT,NY,NH,RI
2-Nitrophenol	CT,NY,NH,RI
4-Nitrophenol	CT,NY,NH,RI
N-Nitrosodiphenylamine	CT,NY,NH,RI
N-Nitrosodi-n-propylamine	CT,NY,NH,RI
Pentachlorophenol	CT,NY,NH,RI
Phenanthrene	CT,NY,NH,RI
Phenol	CT,NY,NH,RI
Pyrene	CT,NY,NH,RI
Pyridine	CT,NY,NH
1,2,4-Trichlorobenzene	CT,NY,NH,RI
2,4,5-Trichlorophenol	CT,NY,NH
2,4,6-Trichlorophenol	CT,NY,NH,RI
SW846 9014 in Soil	
Cyanide	NY,CT,NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

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CHAIN OF CUSTODY RECORD

10L0137

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Willimantic CT 06226
Attention: Glen Stefaniak
Project Location: 6 Rubber Ave, Naugatuck CT
Sampled By: Steve Greig

Telephone: 646-380-9882
Project #: 91065
Client PO#:

DATA DELIVERY (check all that apply)
O FAX ☒ EMAIL O WEBSITE
Fax #:
Email: gstefaniak@ahrf.com
Format: ☒ PDF ☒ EXCEL O GIS
O OTHER
O "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
O yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code
01	GDC-TP-15 (0-2)	12/3/10	0740		X	S	U
02	GDC-TP-15 (6-8)	12/3/10	0750		X	S	U
03	GDC-TP-14 (0-2)	12/3/10	0905		X	S	U
04	GDC-TP-14 (7-9)	12/3/10	0910		X	S	U
05	GDC-TP-14B (7-9)	12/3/10	0915		X	S	U
06 ☆	GDC-TP-16 (2-4)	12/3/10	1015		X	S	U
07	GDC-TP-16 (4-6)	12/3/10	1025		X	S	U
08 ☆	GDC-TP-13 (0-2)	12/3/10	1120		X	S	U
09	GDC-TP-13 (2-4)	12/3/10	1130		X	S	U
10 ☆	GDC-TP-09 (2-4)	12/3/10	1250		X	S	U

| | | |

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Page 2 of 2

101037

Company Name: AKRF, Inc
Address: 700 Main St - Suite C
Williamntic, CT 06226
Attention: Glen Stefaniak
Project Location: 6 Rubber Ave, Naugatuck, CT
Sampled By: Steve Green

Telephone: 646-388-9882
Project # 91065
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ⊗ EMAIL ○ WEBSITE
Fax #
Email: gstefaniak@akrf.com
Format: ⊗ PDF ⊗ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	VOCs	SVOCs	ETPH	Total RCRA 8 Metals	SPLP RCRA 8 Metals	PCBs	CN (cyanide)							# of Containe
								6	4	4	1	1	1	1							# of Containe
								N	N	N	N	N	N	N							** Preservati
								A	A	A	A	A	A	A							***Container
11	GDC-TP-09 (7-9)	12/3/10	1300		X	S	U		X	X	X	X	X	X							
12	GDC-TP-10 (4-6)	12/3/10	1332		X	S	U		X	X	X	X	X	X							
13	TB20101203	12/3/10	1200			O		X													
14	FB20101203	12/3/10				O		X	X	X	X	X	X	X							

Comments:
12-03-10 17:40 IN

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other _____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other TB/FB

Relinquished by: (signature)	Date/Time:
	12/3/10 1420
Received by: (signature)	Date/Time:
	12/3/10 1420
Relinquished by: (signature)	Date/Time:
	12/3/10 1705
Received by: (signature)	Date/Time:
	12/3/10 1705

Turnaround ††
☑ 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: CT RSR, RDEC GB PMC
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analytical Certification Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac
AIHA ACCREDITED LABORATORY
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED

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CON-TEST ANALYTICAL LABORATORY

East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

Sample Receipt Checklist

CLIENT NAME: AKRF, Inc RECEIVED BY: GB DATE: 12/3/10

1) Was the chain(s) of custody relinquished and signed? (Yes) No

2) Does the chain agree with the samples? (Yes) No
If not, explain:

3) Are all the samples in good condition? (Yes) No
If not, explain:

4) How were the samples received:
On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank 4.0°C Temperature °C by Temp gun _____

5) Are there Dissolved samples for the lab to filter? Yes (No)
Who was notified _____ Date _____ Time _____

6) Are there any samples "On Hold"? (Yes) No Stored where: 19

7) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)
Who was notified _____ Date _____ Time _____

8) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature:

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber	6	8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)	23	2 oz amber/clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic	3	Air Cassette	
40 mL Vial - type listed below	18 15 CLB 12/3/10	SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
Flashpoint bottle		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments:

40 mL vials: # HCl 3 # Methanol 4
Bisulfate _____ # DI Water 8
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:
12-03-10 17:40 IN

Do all samples have the proper Acid pH: (Yes) No N/A _____

Do all samples have the proper Base pH: (Yes) No N/A _____

June 2010

CT ETPH DISCRIMINATION CHECK

Date Acquired	12/7/10
Data File Name	A1206110.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.31	364369	394281	-8
c - 10	1.68	376423	394281	-5
c - 12	2.43	389054	394281	-1
c - 14	3.11	399712	394281	1
c - 16	3.72	408834	394281	4
c - 18	4.36	414808	394281	5
o-Terphenyl	4.65	437628	394281	
c - 20	4.96	412479	394281	5
c - 22	5.46	402646	394281	2
c - 24	5.90	413370	394281	5
c - 26	6.29	410262	394281	4
c - 28	6.66	405883	394281	3
c - 30	6.99	399149	394281	1
c - 32	7.31	387518	394281	-2
c - 34	7.61	371754	394281	-6
c - 36	7.99	357954	394281	-9

* One compound allowed %D </= 50%

Samples

10L0090-07@10X
10L0090-09@5X
10L0137-02@10X
10L0137-03@40X
10L0137-04
10L0137-05
10L0137-07
10L0137-09@5X
10L0137-11@20X

CT ETPH DISCRIMINATION CHECK

Date Acquired	12/7/10
Data File Name	A1206111.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.09	290033	299547	-3
c - 10	1.43	298646	299547	0
c - 12	2.15	305705	299547	2
c - 14	2.81	310599	299547	4
c - 16	3.40	314131	299547	5
c - 18	3.97	315830	299547	5
o-Terphenyl	4.24	331295	299547	
c - 20	4.58	311933	299547	4
c - 22	5.10	302114	299547	1
c - 24	5.54	308621	299547	3
c - 26	5.94	304810	299547	2
c - 28	6.30	301071	299547	1
c - 30	6.63	296136	299547	-1
c - 32	6.94	288270	299547	-4
c - 34	7.23	277502	299547	-7
c - 36	7.51	267809	299547	-11

* One compound allowed %D </= 50%

Samples

10L0075-03
10L0081-01@10X
10L0090-02@10X
10L0090-05@10X
10L0137-12

CT ETPH DISCRIMINATION CHECK

Date Acquired	12/9/10
Data File Name	A1209035.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.09	275145	281986	-2
c - 10	1.43	281554	281986	0
c - 12	2.15	288287	281986	2
c - 14	2.81	293390	281986	4
c - 16	3.40	296570	281986	5
c - 18	3.97	297846	281986	6
o-Terphenyl	4.24	312022	281986	
c - 20	4.58	293455	281986	4
c - 22	5.10	283626	281986	1
c - 24	5.54	289210	281986	3
c - 26	5.94	285894	281986	1
c - 28	6.30	282660	281986	0
c - 30	6.63	277938	281986	-1
c - 32	6.94	270673	281986	-4
c - 34	7.23	261019	281986	-7
c - 36	7.51	252523	281986	-10

* One compound allowed %D </= 50%

Samples

10L0111-01RE1
10L0111-02RE1
10L0111-03RE1
10L0111-04RE1
10L0111-05RE1
10L0111-06RE1
10L0111-07RE1
10L0111-08RE1
10L0137-14RE1

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: AKRF - WILLIMANTIC, CT

Project Location: 6 Rubber Ave., Naugatuck, CT

Project Number: 10L0137

Laboratory Sample ID(s):

10L0137-01 thru 10L0137-14

Sample Date(s):

12/03/2010

List RCP Methods Used:

CTDEP ETPH, SW-846 1312, SW-846 6010B, SW-846 6020A, SW-846 7470A, SW-846 7471A, SW-846 8082, SW-846 8260B, SW-846 8270C, SW846 9014

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ 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)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☐ Yes ☑ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

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: Michael A. Erickson **Date:** 12/13/10

Name of Laboratory: Con-Test Analytical Laboratory

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

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

December 13, 2010

Glen Stefaniak
AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226

Project Location: 6 Rubber Ave., Naugatuck, CT
Client Job Number:
Project Number: 91065
Laboratory Work Order Number: 10L0171

Enclosed are results of analyses for samples received by the laboratory on December 6, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Susan M. Burney
Project Manager

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

AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226
ATTN: Glen Stefaniak

REPORT DATE: 12/13/2010

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 91065

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10L0171

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

PROJECT LOCATION: 6 Rubber Ave., Naugatuck, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GDC-SB-101 (0-2)	10L0171-01	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8082	
GDC-SB-104 (7-9)	10L0171-03	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 7470A	
				SW-846 7471A	
				SW-846 8082	
GDC-SB-106 (2-4)	10L0171-05	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 7470A	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW846 9014	
GDC-SB-108 (11-13)	10L0171-06	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 7470A	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW846 9014	
GDC-SB-109 (11-13)	10L0171-07	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 7470A	
				SW-846 7471A	
				SW-846 8260B	
TB20101206	10L0171-08	Trip Blank Soil		SW-846 8260B	

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CASE NARRATIVE SUMMARY

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

For method 6010, only arsenic and lead results were requested and reported.

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

CTDEP ETPH

Qualifications:

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

Analyte & Samples(s) Qualified:

CT ETPH

B023436-MSD1

SW-846 8260B

Qualifications:

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

Analyte & Samples(s) Qualified:

2-Butanone (MEK), Acetone, Acrylonitrile, Tetrahydrofuran

10L0171-05[GDC-SB-106 (2-4)], 10L0171-06[GDC-SB-108 (11-13)], 10L0171-07[GDC-SB-109 (11-13)], 10L0171-08[TB20101206], B023327-BLK1, B023327-BS1

SW-846 8270C

Qualifications:

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

Analyte & Samples(s) Qualified:

4-Chloroaniline, Aniline, Bis(2-chloroisopropyl)ether

10L0171-05[GDC-SB-106 (2-4)], 10L0171-06[GDC-SB-108 (11-13)], B023370-BLK1, B023370-BS1, B023370-BSD1

One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.

Analyte & Samples(s) Qualified:

Nitrobenzene-d5

10L0171-06[GDC-SB-108 (11-13)]

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

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol

10L0171-05[GDC-SB-106 (2-4)], 10L0171-06[GDC-SB-108 (11-13)]

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

Analyte & Samples(s) Qualified:

Bis(2-chloroisopropyl)ether

10L0171-05[GDC-SB-106 (2-4)], 10L0171-06[GDC-SB-108 (11-13)]

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

Analyte & Samples(s) Qualified:

Pentachloronitrobenzene

10L0171-05[GDC-SB-106 (2-4)], 10L0171-06[GDC-SB-108 (11-13)], B023370-BLK1, B023370-BS1, B023370-BSD1

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

SW-846 8260B

The LCS recoveries for required CT reasonable confidence protocol (RCP) 8260 compounds were all within limits specified by the method except for “difficult analytes” where control limits somewhere between 40-160% are used and/or unless otherwise listed in this narrative: Difficult analytes: MIBK, MEK, Tert-butyl Alcohol, Acetone, 1,4-Dioxane, Vinyl Chloride, Chloromethane, Dichlorodifluoromethane, 2-Hexanone, Naphthalene, Bromomethane, Methylene Chloride, and tert-butylbenzene.

SW-846 8270C

The LCS sample recoveries for required RCP 8270 compounds were all within control limits specified by the method, 40-140% for base/neutrals and 30-130% for acids except for “difficult analytes” listed below and/or otherwise listed in this narrative: Difficult analytes for soil - limits between 10 and 180% depending on the compound (see QC summary for limits): 3,3’-Dichlorobenzidine, Pyridine, Aniline, 4-Chloroaniline, 3-Nitroaniline, and n-Nitrosodiphenylamine.

All reporting limits specified on the chain-of-custody were met, except for Pyridine, 1,2,4,5-Tetrachlorobenzene and Pentachloronitrobenzene for the most protective criteria since the laboratory cannot achieve the required RCP calibration criteria at these levels unless otherwise listed in this narrative.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-101 (0-2) | Sampled: 12/6/2010 09:00

Sample ID: 10L0171-01

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/10	12/9/10 13:10	PJG
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/10	12/9/10 13:10	PJG
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/10	12/9/10 13:10	PJG
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/10	12/9/10 13:10	PJG
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/10	12/9/10 13:10	PJG
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/10	12/9/10 13:10	PJG
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/10	12/9/10 13:10	PJG
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/10	12/9/10 13:10	PJG
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/10	12/9/10 13:10	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	84.2	30-150		12/9/10 13:10
Decachlorobiphenyl [2]	90.0	30-150		12/9/10 13:10
Tetrachloro-m-xylene [1]	102	30-150		12/9/10 13:10
Tetrachloro-m-xylene [2]	106	30-150		12/9/10 13:10

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

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-101 (0-2) Sampled: 12/6/2010 09:00

Sample ID: 10L0171-01

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	15	10	mg/Kg dry	1		CTDEP ETPH	12/8/10	12/9/10 19:37	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	82.0	50-150				12/9/10	19:37

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-101 (0-2) Sampled: 12/6/2010 09:00

Sample ID: 10L0171-01

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	97.9		% Wt	1		SM 2540G	12/8/10	12/8/10 19:53	AKW

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-104 (7-9) | Sampled: 12/6/2010 11:13

Sample ID: 10L0171-03

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/10	12/10/10 9:38	jmb
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/10	12/10/10 9:38	jmb
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/10	12/10/10 9:38	jmb
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/10	12/10/10 9:38	jmb
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/10	12/10/10 9:38	jmb
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/10	12/10/10 9:38	jmb
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/10	12/10/10 9:38	jmb
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/10	12/10/10 9:38	jmb
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/10	12/10/10 9:38	jmb

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	83.4	30-150		12/10/10 9:38
Decachlorobiphenyl [2]	87.0	30-150		12/10/10 9:38
Tetrachloro-m-xylene [1]	88.3	30-150		12/10/10 9:38
Tetrachloro-m-xylene [2]	93.5	30-150		12/10/10 9:38

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-104 (7-9) | Sampled: 12/6/2010 11:13

Sample ID: 10L0171-03

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	23	11	mg/Kg dry	1		CTDEP ETPH	12/8/10	12/9/10 20:13	CJM

Surrogates	% Recovery	Recovery Limits	Flag	
o-Terphenyl	81.1	50-150		12/9/10 20:13

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-104 (7-9) Sampled: 12/6/2010 11:13

Sample ID: 10L0171-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	17	2.7	mg/Kg dry	1		SW-846 6010B	12/8/10	12/9/10 16:53	OP
Lead	84	0.82	mg/Kg dry	1		SW-846 6010B	12/8/10	12/9/10 16:53	OP
Mercury	0.017	0.012	mg/Kg dry	1		SW-846 7471A	12/8/10	12/8/10 14:38	CWB

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-104 (7-9) Sampled: 12/6/2010 11:13

Sample ID: 10L0171-03

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.0		% Wt	1		SM 2540G	12/8/10	12/8/10 19:53	AKW

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-104 (7-9) Sampled: 12/6/2010 11:13

Sample ID: 10L0171-03

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.010	mg/L	1		SW-846 6010B	12/9/10	12/9/10 17:41	OP
Lead	0.031	0.010	mg/L	1		SW-846 6010B	12/9/10	12/9/10 17:41	OP
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/9/10	12/9/10 15:04	CWB

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-106 (2-4) | Sampled: 12/6/2010 12:15

Sample ID: 10L0171-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.080	mg/Kg dry	1	V-16	SW-846 8260B	12/7/10	12/7/10 11:28	MFF
Acrylonitrile	ND	0.0048	mg/Kg dry	1	V-16	SW-846 8260B	12/7/10	12/7/10 11:28	MFF
Benzene	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
Bromobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
Bromodichloromethane	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
Bromoform	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
Bromomethane	ND	0.0080	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
2-Butanone (MEK)	ND	0.032	mg/Kg dry	1	V-16	SW-846 8260B	12/7/10	12/7/10 11:28	MFF
n-Butylbenzene	ND	0.0032	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
sec-Butylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
tert-Butylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
Carbon Disulfide	ND	0.0048	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
Carbon Tetrachloride	ND	0.0032	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
Chlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
Chlorodibromomethane	ND	0.0032	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
Chloroethane	ND	0.016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
Chloroform	ND	0.0032	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
Chloromethane	ND	0.0080	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
2-Chlorotoluene	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
4-Chlorotoluene	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
1,2-Dibromoethane (EDB)	ND	0.00080	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
Dibromomethane	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
1,2-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
1,3-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
1,4-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
trans-1,4-Dichloro-2-butene	ND	0.0032	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
1,1-Dichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
1,2-Dichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
1,1-Dichloroethylene	ND	0.0032	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
cis-1,2-Dichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
trans-1,2-Dichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
1,2-Dichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
1,3-Dichloropropane	ND	0.00080	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
2,2-Dichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
1,1-Dichloropropene	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
cis-1,3-Dichloropropene	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
trans-1,3-Dichloropropene	ND	0.0032	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
Ethylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
Hexachlorobutadiene	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
2-Hexanone (MBK)	ND	0.016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
Isopropylbenzene (Cumene)	ND	0.0032	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-106 (2-4) | Sampled: 12/6/2010 12:15

Sample ID: 10L0171-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0032	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
Methylene Chloride	ND	0.016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
Naphthalene	ND	0.0032	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
n-Propylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
Styrene	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
1,1,1,2-Tetrachloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
1,1,2,2-Tetrachloroethane	ND	0.00080	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
Tetrachloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
Tetrahydrofuran	ND	0.0080	mg/Kg dry	1	V-16	SW-846 8260B	12/7/10	12/7/10 11:28	MFF
Toluene	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
1,2,3-Trichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
1,2,4-Trichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
1,1,1-Trichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
1,1,2-Trichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
Trichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0080	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
1,2,3-Trichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0080	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
1,2,4-Trimethylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
1,3,5-Trimethylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
Vinyl Chloride	ND	0.0080	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
m+p Xylene	ND	0.0032	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF
o-Xylene	ND	0.0016	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:28	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	108	70-130		12/7/10 11:28
Toluene-d8	95.4	70-130		12/7/10 11:28
4-Bromofluorobenzene	98.0	70-130		12/7/10 11:28

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-106 (2-4) | Sampled: 12/6/2010 12:15

Sample ID: 10L0171-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Acenaphthylene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Aniline	ND	0.35	mg/Kg dry	1	L-04	SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Anthracene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Benzo(a)anthracene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Benzo(a)pyrene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Benzo(b)fluoranthene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Benzo(g,h,i)perylene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Benzo(k)fluoranthene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Bis(2-chloroethoxy)methane	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Bis(2-chloroethyl)ether	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Bis(2-chloroisopropyl)ether	ND	0.35	mg/Kg dry	1	L-04, V-05	SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
4-Bromophenylphenylether	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Butylbenzylphthalate	ND	0.67	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Carbazole	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
4-Chloroaniline	ND	0.67	mg/Kg dry	1	L-04	SW-846 8270C	12/8/10	12/9/10 18:51	BGL
4-Chloro-3-methylphenol	ND	0.67	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
2-Chloronaphthalene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
2-Chlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
4-Chlorophenylphenylether	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Chrysene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Dibenz(a,h)anthracene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Dibenzofuran	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Di-n-butylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
3,3-Dichlorobenzidine	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
2,4-Dichlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Diethylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
2,4-Dimethylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Dimethylphthalate	ND	0.67	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
4,6-Dinitro-2-methylphenol	ND	0.35	mg/Kg dry	1	V-04	SW-846 8270C	12/8/10	12/9/10 18:51	BGL
2,4-Dinitrophenol	ND	0.67	mg/Kg dry	1	V-04	SW-846 8270C	12/8/10	12/9/10 18:51	BGL
2,4-Dinitrotoluene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
2,6-Dinitrotoluene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Di-n-octylphthalate	ND	0.67	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Fluoranthene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Fluorene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Hexachlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Hexachlorobutadiene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Hexachlorocyclopentadiene	ND	0.67	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Hexachloroethane	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Isophorone	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-106 (2-4) | Sampled: 12/6/2010 12:15

Sample ID: 10L0171-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
2-Methylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
3/4-Methylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Naphthalene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
2-Nitroaniline	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
3-Nitroaniline	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
4-Nitroaniline	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Nitrobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
2-Nitrophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
4-Nitrophenol	ND	0.67	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
N-Nitrosodiphenylamine	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
N-Nitrosodi-n-propylamine	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Pentachloronitrobenzene	ND	0.35	mg/Kg dry	1	V-16	SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Pentachlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Phenanthrene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Phenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Pyrene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
Pyridine	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
1,2,4-Trichlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
2,4,5-Trichlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL
2,4,6-Trichlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 18:51	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	63.3	30-130		12/9/10 18:51
Phenol-d6	58.4	30-130		12/9/10 18:51
Nitrobenzene-d5	55.3	30-130		12/9/10 18:51
2-Fluorobiphenyl	66.7	30-130		12/9/10 18:51
2,4,6-Tribromophenol	49.6	30-130		12/9/10 18:51
Terphenyl-d14	71.0	30-130		12/9/10 18:51

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-106 (2-4) | Sampled: 12/6/2010 12:15

Sample ID: 10L0171-05

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/10	12/9/10 13:37	PJG
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/10	12/9/10 13:37	PJG
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/10	12/9/10 13:37	PJG
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/10	12/9/10 13:37	PJG
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/10	12/9/10 13:37	PJG
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/10	12/9/10 13:37	PJG
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/10	12/9/10 13:37	PJG
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/10	12/9/10 13:37	PJG
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/10	12/9/10 13:37	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	88.9	30-150		12/9/10 13:37
Decachlorobiphenyl [2]	93.1	30-150		12/9/10 13:37
Tetrachloro-m-xylene [1]	107	30-150		12/9/10 13:37
Tetrachloro-m-xylene [2]	111	30-150		12/9/10 13:37

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-106 (2-4) Sampled: 12/6/2010 12:15

Sample ID: 10L0171-05

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	10	mg/Kg dry	1		CTDEP ETPH	12/8/10	12/9/10 19:18	CJM

Surrogates	% Recovery	Recovery Limits	Flag	
o-Terphenyl	73.1	50-150		12/9/10 19:18

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-106 (2-4) Sampled: 12/6/2010 12:15

Sample ID: 10L0171-05

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.5	mg/Kg dry	1		SW-846 6010B	12/8/10	12/9/10 16:57	OP
Lead	3.8	0.76	mg/Kg dry	1		SW-846 6010B	12/8/10	12/9/10 16:57	OP
Mercury	ND	0.012	mg/Kg dry	1		SW-846 7471A	12/8/10	12/8/10 14:40	CWB

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-106 (2-4) Sampled: 12/6/2010 12:15

Sample ID: 10L0171-05

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.45	mg/Kg dry	1		SW846 9014	12/9/10	12/9/10 10:45	VAK
% Solids	98.2		% Wt	1		SM 2540G	12/8/10	12/8/10 19:53	AKW

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-106 (2-4) Sampled: 12/6/2010 12:15

Sample ID: 10L0171-05

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.010	mg/L	1		SW-846 6010B	12/9/10	12/9/10 18:00	OP
Lead	0.039	0.010	mg/L	1		SW-846 6010B	12/9/10	12/9/10 18:00	OP
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/9/10	12/9/10 15:11	CWB

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-108 (11-13) | Sampled: 12/6/2010 15:00

Sample ID: 10L0171-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.095	mg/Kg dry	1	V-16	SW-846 8260B	12/7/10	12/7/10 11:54	MFF
Acrylonitrile	ND	0.0057	mg/Kg dry	1	V-16	SW-846 8260B	12/7/10	12/7/10 11:54	MFF
Benzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
Bromobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
Bromodichloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
Bromoform	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
Bromomethane	ND	0.0095	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
2-Butanone (MEK)	ND	0.038	mg/Kg dry	1	V-16	SW-846 8260B	12/7/10	12/7/10 11:54	MFF
n-Butylbenzene	ND	0.0038	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
sec-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
tert-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
Carbon Disulfide	ND	0.0057	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
Carbon Tetrachloride	ND	0.0038	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
Chlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
Chlorodibromomethane	ND	0.0038	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
Chloroethane	ND	0.019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
Chloroform	ND	0.0038	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
Chloromethane	ND	0.0095	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
2-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
4-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
1,2-Dibromoethane (EDB)	ND	0.00095	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
Dibromomethane	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
1,2-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
1,3-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
1,4-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
trans-1,4-Dichloro-2-butene	ND	0.0038	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
1,1-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
1,2-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
1,1-Dichloroethylene	ND	0.0038	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
cis-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
trans-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
1,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
1,3-Dichloropropane	ND	0.00095	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
2,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
1,1-Dichloropropene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
cis-1,3-Dichloropropene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
trans-1,3-Dichloropropene	ND	0.0038	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
Ethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
Hexachlorobutadiene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
2-Hexanone (MBK)	ND	0.019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
Isopropylbenzene (Cumene)	ND	0.0038	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-108 (11-13) | Sampled: 12/6/2010 15:00

Sample ID: 10L0171-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0038	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
Methylene Chloride	ND	0.019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
Naphthalene	ND	0.0038	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
n-Propylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
Styrene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
1,1,1,2-Tetrachloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
1,1,2,2-Tetrachloroethane	ND	0.00095	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
Tetrachloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
Tetrahydrofuran	ND	0.0095	mg/Kg dry	1	V-16	SW-846 8260B	12/7/10	12/7/10 11:54	MFF
Toluene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
1,2,3-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
1,2,4-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
1,1,1-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
1,1,2-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
Trichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0095	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
1,2,3-Trichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0095	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
1,2,4-Trimethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
1,3,5-Trimethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
Vinyl Chloride	ND	0.0095	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
m+p Xylene	ND	0.0038	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF
o-Xylene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 11:54	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	112	70-130		12/7/10 11:54
Toluene-d8	96.7	70-130		12/7/10 11:54
4-Bromofluorobenzene	97.0	70-130		12/7/10 11:54

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-108 (11-13) | Sampled: 12/6/2010 15:00

Sample ID: 10L0171-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Acenaphthylene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Aniline	ND	0.35	mg/Kg dry	1	L-04	SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Anthracene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Benzo(a)anthracene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Benzo(a)pyrene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Benzo(b)fluoranthene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Benzo(g,h,i)perylene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Benzo(k)fluoranthene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Bis(2-chloroethoxy)methane	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Bis(2-chloroethyl)ether	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Bis(2-chloroisopropyl)ether	ND	0.35	mg/Kg dry	1	L-04, V-05	SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
4-Bromophenylphenylether	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Butylbenzylphthalate	ND	0.67	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Carbazole	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
4-Chloroaniline	ND	0.67	mg/Kg dry	1	L-04	SW-846 8270C	12/8/10	12/9/10 19:27	BGL
4-Chloro-3-methylphenol	ND	0.67	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
2-Chloronaphthalene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
2-Chlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
4-Chlorophenylphenylether	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Chrysene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Dibenz(a,h)anthracene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Dibenzofuran	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Di-n-butylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
3,3-Dichlorobenzidine	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
2,4-Dichlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Diethylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
2,4-Dimethylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Dimethylphthalate	ND	0.67	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
4,6-Dinitro-2-methylphenol	ND	0.35	mg/Kg dry	1	V-04	SW-846 8270C	12/8/10	12/9/10 19:27	BGL
2,4-Dinitrophenol	ND	0.67	mg/Kg dry	1	V-04	SW-846 8270C	12/8/10	12/9/10 19:27	BGL
2,4-Dinitrotoluene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
2,6-Dinitrotoluene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Di-n-octylphthalate	ND	0.67	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Fluoranthene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Fluorene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Hexachlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Hexachlorobutadiene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Hexachlorocyclopentadiene	ND	0.67	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Hexachloroethane	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Isophorone	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-108 (11-13) | Sampled: 12/6/2010 15:00

Sample ID: 10L0171-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
2-Methylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
3/4-Methylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Naphthalene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
2-Nitroaniline	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
3-Nitroaniline	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
4-Nitroaniline	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Nitrobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
2-Nitrophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
4-Nitrophenol	ND	0.67	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
N-Nitrosodiphenylamine	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
N-Nitrosodi-n-propylamine	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Pentachloronitrobenzene	ND	0.35	mg/Kg dry	1	V-16	SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Pentachlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Phenanthrene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Phenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Pyrene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
Pyridine	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
1,2,4-Trichlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
2,4,5-Trichlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL
2,4,6-Trichlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 19:27	BGL

Surrogates	% Recovery		Recovery Limits	Flag	
2-Fluorophenol	34.8		30-130		12/9/10 19:27
Phenol-d6	31.5		30-130		12/9/10 19:27
Nitrobenzene-d5	**29.7**	*	30-130	S-07	12/9/10 19:27
2-Fluorobiphenyl	36.6		30-130		12/9/10 19:27
2,4,6-Tribromophenol	32.7		30-130		12/9/10 19:27
Terphenyl-d14	40.4		30-130		12/9/10 19:27

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-108 (11-13) | Sampled: 12/6/2010 15:00

Sample ID: 10L0171-06

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/10	12/9/10 13:50	PJG
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/10	12/9/10 13:50	PJG
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/10	12/9/10 13:50	PJG
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/10	12/9/10 13:50	PJG
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/10	12/9/10 13:50	PJG
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/10	12/9/10 13:50	PJG
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/10	12/9/10 13:50	PJG
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/10	12/9/10 13:50	PJG
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/10	12/9/10 13:50	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	92.4	30-150		12/9/10 13:50
Decachlorobiphenyl [2]	96.6	30-150		12/9/10 13:50
Tetrachloro-m-xylene [1]	108	30-150		12/9/10 13:50
Tetrachloro-m-xylene [2]	112	30-150		12/9/10 13:50

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-108 (11-13) Sampled: 12/6/2010 15:00

Sample ID: 10L0171-06

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	11	10	mg/Kg dry	1		CTDEP ETPH	12/8/10	12/9/10 19:55	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	77.7	50-150				12/9/10	19:55

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-108 (11-13) Sampled: 12/6/2010 15:00

Sample ID: 10L0171-06

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.5	mg/Kg dry	1		SW-846 6010B	12/8/10	12/9/10 17:01	OP
Lead	2.8	0.74	mg/Kg dry	1		SW-846 6010B	12/8/10	12/9/10 17:01	OP
Mercury	ND	0.013	mg/Kg dry	1		SW-846 7471A	12/8/10	12/8/10 14:46	CWB

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-108 (11-13) Sampled: 12/6/2010 15:00

Sample ID: 10L0171-06

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.29	mg/Kg dry	1		SW846 9014	12/9/10	12/9/10 10:45	VAK
% Solids	97.7		% Wt	1		SM 2540G	12/8/10	12/8/10 19:53	AKW

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-108 (11-13) Sampled: 12/6/2010 15:00

Sample ID: 10L0171-06

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.010	mg/L	1		SW-846 6010B	12/9/10	12/9/10 18:05	OP
Lead	ND	0.010	mg/L	1		SW-846 6010B	12/9/10	12/9/10 18:05	OP
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/9/10	12/9/10 15:13	CWB

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-109 (11-13) | Sampled: 12/6/2010 15:40

Sample ID: 10L0171-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260B	12/7/10	12/7/10 12:20	MFF
Acrylonitrile	ND	0.0063	mg/Kg dry	1	V-16	SW-846 8260B	12/7/10	12/7/10 12:20	MFF
Benzene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
Bromobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
Bromodichloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
Bromoform	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
2-Butanone (MEK)	ND	0.042	mg/Kg dry	1	V-16	SW-846 8260B	12/7/10	12/7/10 12:20	MFF
n-Butylbenzene	ND	0.0042	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
sec-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
tert-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
Carbon Disulfide	ND	0.0063	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
Carbon Tetrachloride	ND	0.0042	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
Chlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
Chlorodibromomethane	ND	0.0042	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
Chloroethane	ND	0.021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
Chloroform	ND	0.0042	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
2-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
4-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
Dibromomethane	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
1,2-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
1,3-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
1,4-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
trans-1,4-Dichloro-2-butene	ND	0.0042	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
1,1-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
1,2-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
1,1-Dichloroethylene	ND	0.0042	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
cis-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
trans-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
1,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
2,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
1,1-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
cis-1,3-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
trans-1,3-Dichloropropene	ND	0.0042	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
Ethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
2-Hexanone (MBK)	ND	0.021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
Isopropylbenzene (Cumene)	ND	0.0042	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-109 (11-13) | Sampled: 12/6/2010 15:40

Sample ID: 10L0171-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0042	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
Methylene Chloride	ND	0.021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
Naphthalene	ND	0.0042	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
n-Propylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
Styrene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
Tetrachloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1	V-16	SW-846 8260B	12/7/10	12/7/10 12:20	MFF
Toluene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
1,2,3-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
1,2,4-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
1,1,1-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
1,1,2-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
Trichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
1,2,3-Trichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
1,2,4-Trimethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
1,3,5-Trimethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
m+p Xylene	ND	0.0042	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF
o-Xylene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/10	12/7/10 12:20	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	114	70-130		12/7/10 12:20
Toluene-d8	96.5	70-130		12/7/10 12:20
4-Bromofluorobenzene	97.1	70-130		12/7/10 12:20

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

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-109 (11-13) Sampled: 12/6/2010 15:40

Sample ID: 10L0171-07

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	29	11	mg/Kg dry	1		CTDEP ETPH	12/9/10	12/10/10 16:38	CJM

Surrogates	% Recovery	Recovery Limits	Flag	
o-Terphenyl	83.1	50-150		12/10/10 16:38

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-109 (11-13) Sampled: 12/6/2010 15:40

Sample ID: 10L0171-07

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.7	mg/Kg dry	1		SW-846 6010B	12/9/10	12/10/10 13:20	OP
Lead	7.3	0.80	mg/Kg dry	1		SW-846 6010B	12/9/10	12/10/10 13:20	OP
Mercury	ND	0.012	mg/Kg dry	1		SW-846 7471A	12/9/10	12/9/10 15:46	CWB

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-109 (11-13) | Sampled: 12/6/2010 15:40

Sample ID: 10L0171-07

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.8		% Wt	1		SM 2540G	12/8/10	12/8/10 19:53	AKW

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: GDC-SB-109 (11-13) Sampled: 12/6/2010 15:40

Sample ID: 10L0171-07

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.010	mg/L	1		SW-846 6010B	12/10/10	12/10/10 14:29	OP
Lead	ND	0.010	mg/L	1		SW-846 6010B	12/10/10	12/10/10 14:29	OP
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/10/10	12/10/10 13:54	CWB

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: TB20101206 | Sampled: 12/6/2010 12:45

Sample ID: 10L0171-08

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	mg/Kg wet	1	V-16	SW-846 8260B	12/7/10	12/7/10 12:46	MFF
Acrylonitrile	ND	0.0060	mg/Kg wet	1	V-16	SW-846 8260B	12/7/10	12/7/10 12:46	MFF
Benzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
Bromobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
Bromodichloromethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
Bromoform	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
Bromomethane	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
2-Butanone (MEK)	ND	0.040	mg/Kg wet	1	V-16	SW-846 8260B	12/7/10	12/7/10 12:46	MFF
n-Butylbenzene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
sec-Butylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
tert-Butylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
Carbon Disulfide	ND	0.0060	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
Carbon Tetrachloride	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
Chlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
Chlorodibromomethane	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
Chloroethane	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
Chloroform	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
Chloromethane	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
Dibromomethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
cis-1,3-Dichloropropene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
trans-1,3-Dichloropropene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
Ethylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
2-Hexanone (MBK)	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
Isopropylbenzene (Cumene)	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0171

Date Received: 12/6/2010

Field Sample #: TB20101206 | Sampled: 12/6/2010 12:45

Sample ID: 10L0171-08

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
Methylene Chloride	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
Naphthalene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
n-Propylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
Styrene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
Tetrachloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
Tetrahydrofuran	ND	0.010	mg/Kg wet	1	V-16	SW-846 8260B	12/7/10	12/7/10 12:46	MFF
Toluene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
Trichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
Vinyl Chloride	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
m+p Xylene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF
o-Xylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/10	12/7/10 12:46	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	107	70-130		12/7/10 12:46
Toluene-d8	95.2	70-130		12/7/10 12:46
4-Bromofluorobenzene	97.8	70-130		12/7/10 12:46

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Sample Extraction Data

Prep Method: SW-846 3546-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0171-01 [GDC-SB-101 (0-2)]	B023368	30.1	1.00	12/08/10
10L0171-03 [GDC-SB-104 (7-9)]	B023368	30.0	1.00	12/08/10
10L0171-05 [GDC-SB-106 (2-4)]	B023368	30.1	1.00	12/08/10
10L0171-06 [GDC-SB-108 (11-13)]	B023368	30.0	1.00	12/08/10

Prep Method: SW-846 3546-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0171-07 [GDC-SB-109 (11-13)]	B023436	30.0	1.00	12/09/10

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
10L0171-01 [GDC-SB-101 (0-2)]	B023387	12/08/10
10L0171-03 [GDC-SB-104 (7-9)]	B023387	12/08/10
10L0171-05 [GDC-SB-106 (2-4)]	B023387	12/08/10
10L0171-06 [GDC-SB-108 (11-13)]	B023387	12/08/10
10L0171-07 [GDC-SB-109 (11-13)]	B023387	12/08/10

Prep Method: SW-846 3050B-SW-846 6010B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0171-03 [GDC-SB-104 (7-9)]	B023352	1.02	50.0	12/08/10
10L0171-05 [GDC-SB-106 (2-4)]	B023352	1.00	50.0	12/08/10
10L0171-06 [GDC-SB-108 (11-13)]	B023352	1.03	50.0	12/08/10

Prep Method: SW-846 3050B-SW-846 6010B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0171-07 [GDC-SB-109 (11-13)]	B023419	0.989	50.0	12/09/10

Prep Method: SW-846 3010A-SW-846 6010B **Leachates were extracted on 12/8/2010 per SW-846 1312 in Batch B023395**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0171-03 [GDC-SB-104 (7-9)]	B023411	50.0	50.0	12/09/10
10L0171-05 [GDC-SB-106 (2-4)]	B023411	50.0	50.0	12/09/10
10L0171-06 [GDC-SB-108 (11-13)]	B023411	50.0	50.0	12/09/10

Prep Method: SW-846 3010A-SW-846 6010B **Leachates were extracted on 12/9/2010 per SW-846 1312 in Batch B023458**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0171-07 [GDC-SB-109 (11-13)]	B023487	50.0	50.0	12/10/10

Prep Method: SW-846 7470A Prep-SW-846 7470A **Leachates were extracted on 12/8/2010 per SW-846 1312 in Batch B023395**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date

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Sample Extraction Data

Prep Method: SW-846 7470A Prep-SW-846 7470A **Leachates were extracted on 12/8/2010 per SW-846 1312 in Batch B023395**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0171-03 [GDC-SB-104 (7-9)]	B023409	6.00	6.00	12/09/10
10L0171-05 [GDC-SB-106 (2-4)]	B023409	6.00	6.00	12/09/10
10L0171-06 [GDC-SB-108 (11-13)]	B023409	6.00	6.00	12/09/10

Prep Method: SW-846 7470A Prep-SW-846 7470A **Leachates were extracted on 12/9/2010 per SW-846 1312 in Batch B023458**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0171-07 [GDC-SB-109 (11-13)]	B023483	6.00	6.00	12/10/10

Prep Method: SW-846 7471-SW-846 7471A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0171-03 [GDC-SB-104 (7-9)]	B023347	0.238	25.0	12/08/10
10L0171-05 [GDC-SB-106 (2-4)]	B023347	0.220	25.0	12/08/10
10L0171-06 [GDC-SB-108 (11-13)]	B023347	0.195	25.0	12/08/10

Prep Method: SW-846 7471-SW-846 7471A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0171-07 [GDC-SB-109 (11-13)]	B023420	0.214	25.0	12/09/10

Prep Method: SW-846 3546-SW-846 8082

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0171-01 [GDC-SB-101 (0-2)]	B023365	10.0	50.0	12/08/10
10L0171-03 [GDC-SB-104 (7-9)]	B023365	10.0	50.0	12/08/10
10L0171-05 [GDC-SB-106 (2-4)]	B023365	10.1	50.0	12/08/10
10L0171-06 [GDC-SB-108 (11-13)]	B023365	10.1	50.0	12/08/10

Prep Method: SW-846 5035-SW-846 8260B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0171-05 [GDC-SB-106 (2-4)]	B023327	6.40	10.0	12/07/10
10L0171-06 [GDC-SB-108 (11-13)]	B023327	5.40	10.0	12/07/10
10L0171-07 [GDC-SB-109 (11-13)]	B023327	5.00	10.0	12/07/10
10L0171-08 [TB20101206]	B023327	5.00	10.0	12/07/10

Prep Method: SW-846 3546-SW-846 8270C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0171-05 [GDC-SB-106 (2-4)]	B023370	30.0	1.00	12/08/10
10L0171-06 [GDC-SB-108 (11-13)]	B023370	30.1	1.00	12/08/10

SW846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date

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Sample Extraction Data

SW846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0171-05 [GDC-SB-106 (2-4)]	B023416	1.13	50.0	12/09/10
10L0171-06 [GDC-SB-108 (11-13)]	B023416	1.76	50.0	12/09/10

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023327 - SW-846 5035										
Blank (B023327-BLK1)				Prepared & Analyzed: 12/07/10						
Acetone	ND	0.10	mg/Kg wet							V-16
Acrylonitrile	ND	0.0060	mg/Kg wet							V-16
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							V-16
n-Butylbenzene	ND	0.0040	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0040	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0040	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0020	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0040	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0040	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023327 - SW-846 5035											
Blank (B023327-BLK1)				Prepared & Analyzed: 12/07/10							
Tetrachloroethylene	ND	0.0020	mg/Kg wet								
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16	
Toluene	ND	0.0020	mg/Kg wet								
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet								
Trichloroethylene	ND	0.0020	mg/Kg wet								
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet								
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet								
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet								
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet								
Vinyl Chloride	ND	0.010	mg/Kg wet								
m+p Xylene	ND	0.0040	mg/Kg wet								
o-Xylene	ND	0.0020	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0529*		mg/Kg wet	0.0500		106	70-130				
Surrogate: Toluene-d8	*0.0476*		mg/Kg wet	0.0500		95.1	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0485*		mg/Kg wet	0.0500		97.0	70-130				
LCS (B023327-BS1)				Prepared & Analyzed: 12/07/10							
Acetone	0.186	0.10	mg/Kg wet	0.200		92.9	70-130			V-16	†
Acrylonitrile	0.0167	0.0060	mg/Kg wet	0.0200		83.6	70-130			V-16	
Benzene	0.0185	0.0020	mg/Kg wet	0.0200		92.5	70-130				
Bromobenzene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130				
Bromodichloromethane	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130				
Bromoform	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130				
Bromomethane	0.0202	0.010	mg/Kg wet	0.0200		101	70-130				†
2-Butanone (MEK)	0.190	0.040	mg/Kg wet	0.200		95.0	70-130			V-16	†
n-Butylbenzene	0.0203	0.0040	mg/Kg wet	0.0200		102	70-130				
sec-Butylbenzene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130				
tert-Butylbenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130				†
Carbon Disulfide	0.200	0.0060	mg/Kg wet	0.200		100	70-130				
Carbon Tetrachloride	0.0208	0.0040	mg/Kg wet	0.0200		104	70-130				
Chlorobenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.5	70-130				
Chlorodibromomethane	0.0199	0.0040	mg/Kg wet	0.0200		99.3	70-130				
Chloroethane	0.0198	0.020	mg/Kg wet	0.0200		99.1	70-130				
Chloroform	0.0206	0.0040	mg/Kg wet	0.0200		103	70-130				
Chloromethane	0.0185	0.010	mg/Kg wet	0.0200		92.6	70-130				
2-Chlorotoluene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130				
4-Chlorotoluene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0231	0.0020	mg/Kg wet	0.0200		115	70-130				
1,2-Dibromoethane (EDB)	0.0208	0.0010	mg/Kg wet	0.0200		104	70-130				
Dibromomethane	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130				
1,2-Dichlorobenzene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130				
1,3-Dichlorobenzene	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130				
1,4-Dichlorobenzene	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130				
trans-1,4-Dichloro-2-butene	0.0251	0.0040	mg/Kg wet	0.0200		126	70-130				
Dichlorodifluoromethane (Freon 12)	0.0171	0.020	mg/Kg wet	0.0200		85.4	70-130				†
1,1-Dichloroethane	0.0180	0.0020	mg/Kg wet	0.0200		90.0	70-130				
1,2-Dichloroethane	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130				
1,1-Dichloroethylene	0.0214	0.0040	mg/Kg wet	0.0200		107	70-130				

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023327 - SW-846 5035											
LCS (B023327-BS1)				Prepared & Analyzed: 12/07/10							
cis-1,2-Dichloroethylene	0.0183	0.0020	mg/Kg wet	0.0200		91.7	70-130				
trans-1,2-Dichloroethylene	0.0187	0.0020	mg/Kg wet	0.0200		93.3	70-130				
1,2-Dichloropropane	0.0188	0.0020	mg/Kg wet	0.0200		94.2	70-130				
1,3-Dichloropropane	0.0198	0.0010	mg/Kg wet	0.0200		98.9	70-130				
2,2-Dichloropropane	0.0233	0.0020	mg/Kg wet	0.0200		116	70-130				
1,1-Dichloropropene	0.0194	0.0020	mg/Kg wet	0.0200		97.1	70-130				
cis-1,3-Dichloropropene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130				
trans-1,3-Dichloropropene	0.0206	0.0040	mg/Kg wet	0.0200		103	70-130				
Ethylbenzene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130				
Hexachlorobutadiene	0.0195	0.0020	mg/Kg wet	0.0200		97.6	70-130				
2-Hexanone (MBK)	0.189	0.020	mg/Kg wet	0.200		94.4	70-130				†
Isopropylbenzene (Cumene)	0.0193	0.0040	mg/Kg wet	0.0200		96.7	70-130				
p-Isopropyltoluene (p-Cymene)	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130				
Methyl tert-Butyl Ether (MTBE)	0.0193	0.0040	mg/Kg wet	0.0200		96.5	70-130				
Methylene Chloride	0.0186	0.020	mg/Kg wet	0.0200		92.9	70-130				†
4-Methyl-2-pentanone (MIBK)	0.187	0.020	mg/Kg wet	0.200		93.6	70-130				†
Naphthalene	0.0183	0.0040	mg/Kg wet	0.0200		91.5	70-130				†
n-Propylbenzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130				
Styrene	0.0199	0.0020	mg/Kg wet	0.0200		99.3	70-130				
1,1,1,2-Tetrachloroethane	0.0205	0.0020	mg/Kg wet	0.0200		103	70-130				
1,1,2,2-Tetrachloroethane	0.0187	0.0010	mg/Kg wet	0.0200		93.3	70-130				
Tetrachloroethylene	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130				
Tetrahydrofuran	0.0189	0.010	mg/Kg wet	0.0200		94.6	70-130			V-16	
Toluene	0.0183	0.0020	mg/Kg wet	0.0200		91.6	70-130				
1,2,3-Trichlorobenzene	0.0176	0.0020	mg/Kg wet	0.0200		87.8	70-130				
1,2,4-Trichlorobenzene	0.0179	0.0020	mg/Kg wet	0.0200		89.5	70-130				
1,1,1-Trichloroethane	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130				
1,1,2-Trichloroethane	0.0184	0.0020	mg/Kg wet	0.0200		92.1	70-130				
Trichloroethylene	0.0198	0.0020	mg/Kg wet	0.0200		99.0	70-130				
Trichlorofluoromethane (Freon 11)	0.0222	0.010	mg/Kg wet	0.0200		111	70-130				
1,2,3-Trichloropropane	0.0197	0.0020	mg/Kg wet	0.0200		98.5	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0227	0.010	mg/Kg wet	0.0200		113	70-130				
1,2,4-Trimethylbenzene	0.0209	0.0020	mg/Kg wet	0.0200		105	70-130				
1,3,5-Trimethylbenzene	0.0211	0.0020	mg/Kg wet	0.0200		105	70-130				
Vinyl Chloride	0.0191	0.010	mg/Kg wet	0.0200		95.7	70-130				†
m+p Xylene	0.0414	0.0040	mg/Kg wet	0.0400		104	70-130				
o-Xylene	0.0198	0.0020	mg/Kg wet	0.0200		98.8	70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0532*		mg/Kg wet	0.0500		106	70-130				
Surrogate: Toluene-d8	*0.0491*		mg/Kg wet	0.0500		98.1	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0520*		mg/Kg wet	0.0500		104	70-130				

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023370 - SW-846 3546										
Blank (B023370-BLK1)				Prepared: 12/08/10 Analyzed: 12/09/10						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							L-04
Anthracene	ND	0.17	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							L-04
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.66	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							L-04
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.66	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.66	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.66	mg/Kg wet							
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
2-Nitroaniline	ND	0.34	mg/Kg wet							
3-Nitroaniline	ND	0.34	mg/Kg wet							
4-Nitroaniline	ND	0.34	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B023370 - SW-846 3546												
Blank (B023370-BLK1)				Prepared: 12/08/10 Analyzed: 12/09/10								
4-Nitrophenol	ND	0.66	mg/Kg wet									
N-Nitrosodiphenylamine	ND	0.34	mg/Kg wet									
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet									
Pentachloronitrobenzene	ND	0.34	mg/Kg wet								V-16	
Pentachlorophenol	ND	0.34	mg/Kg wet									
Phenanthrene	ND	0.17	mg/Kg wet									
Phenol	ND	0.34	mg/Kg wet									
Pyrene	ND	0.17	mg/Kg wet									
Pyridine	ND	0.34	mg/Kg wet									
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet									
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet									
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet									
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet									
Surrogate: 2-Fluorophenol	*5.18*		mg/Kg wet	6.67		77.7		30-130				
Surrogate: Phenol-d6	*4.98*		mg/Kg wet	6.67		74.7		30-130				
Surrogate: Nitrobenzene-d5	*2.12*		mg/Kg wet	3.33		63.6		30-130				
Surrogate: 2-Fluorobiphenyl	*2.28*		mg/Kg wet	3.33		68.5		30-130				
Surrogate: 2,4,6-Tribromophenol	*6.74*		mg/Kg wet	6.67		101		30-130				
Surrogate: Terphenyl-d14	*3.46*		mg/Kg wet	3.33		104		30-130				
LCS (B023370-BS1)				Prepared: 12/08/10 Analyzed: 12/09/10								
Acenaphthene	1.11	0.17	mg/Kg wet	1.67		66.5		40-140				
Acenaphthylene	1.08	0.17	mg/Kg wet	1.67		65.1		40-140				
Aniline	0.585	0.34	mg/Kg wet	1.67		**35.1**	*	40-140			L-04	†
Anthracene	1.14	0.17	mg/Kg wet	1.67		68.4		40-140				
Benzo(a)anthracene	1.20	0.17	mg/Kg wet	1.67		72.3		40-140				
Benzo(a)pyrene	1.20	0.17	mg/Kg wet	1.67		72.2		40-140				
Benzo(b)fluoranthene	1.22	0.17	mg/Kg wet	1.67		73.0		40-140				
Benzo(g,h,i)perylene	1.33	0.17	mg/Kg wet	1.67		79.6		40-140				
Benzo(k)fluoranthene	1.19	0.17	mg/Kg wet	1.67		71.6		40-140				
Bis(2-chloroethoxy)methane	1.24	0.34	mg/Kg wet	1.67		74.7		40-140				
Bis(2-chloroethyl)ether	1.21	0.34	mg/Kg wet	1.67		72.4		40-140				
Bis(2-chloroisopropyl)ether	0.445	0.34	mg/Kg wet	1.67		**26.7**	*	40-140			L-04	
Bis(2-Ethylhexyl)phthalate	1.48	0.34	mg/Kg wet	1.67		88.8		40-140				
4-Bromophenylphenylether	1.59	0.34	mg/Kg wet	1.67		95.1		40-140				
Butylbenzylphthalate	1.46	0.66	mg/Kg wet	1.67		87.6		40-140				
Carbazole	1.06	0.17	mg/Kg wet	1.67		63.8		40-140				
4-Chloroaniline	0.426	0.66	mg/Kg wet	1.67		**25.5**	*	40-140			L-04	†
4-Chloro-3-methylphenol	1.08	0.66	mg/Kg wet	1.67		64.8		30-130				
2-Chloronaphthalene	1.20	0.34	mg/Kg wet	1.67		71.7		40-140				
2-Chlorophenol	1.23	0.34	mg/Kg wet	1.67		73.8		30-130				
4-Chlorophenylphenylether	1.42	0.34	mg/Kg wet	1.67		85.2		40-140				
Chrysene	1.16	0.17	mg/Kg wet	1.67		69.4		40-140				
Dibenz(a,h)anthracene	1.51	0.17	mg/Kg wet	1.67		90.6		40-140				
Dibenzofuran	1.33	0.34	mg/Kg wet	1.67		80.0		40-140				
Di-n-butylphthalate	1.33	0.34	mg/Kg wet	1.67		80.1		40-140				
3,3-Dichlorobenzidine	0.886	0.17	mg/Kg wet	1.67		53.2		40-140				†
2,4-Dichlorophenol	1.32	0.34	mg/Kg wet	1.67		79.3		30-130				
Diethylphthalate	1.29	0.34	mg/Kg wet	1.67		77.3		40-140				
2,4-Dimethylphenol	1.29	0.34	mg/Kg wet	1.67		77.5		30-130				
Dimethylphthalate	1.33	0.66	mg/Kg wet	1.67		79.6		40-140				
4,6-Dinitro-2-methylphenol	1.06	0.34	mg/Kg wet	1.67		63.7		30-130				

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023370 - SW-846 3546											
LCS (B023370-BS1)				Prepared: 12/08/10 Analyzed: 12/09/10							
2,4-Dinitrophenol	0.785	0.66	mg/Kg wet	1.67		47.1	30-130				
2,4-Dinitrotoluene	1.29	0.34	mg/Kg wet	1.67		77.5	40-140				
2,6-Dinitrotoluene	1.38	0.34	mg/Kg wet	1.67		83.0	40-140				
Di-n-octylphthalate	1.56	0.66	mg/Kg wet	1.67		93.9	40-140				
Fluoranthene	0.994	0.17	mg/Kg wet	1.67		59.6	40-140				
Fluorene	1.14	0.17	mg/Kg wet	1.67		68.3	40-140				
Hexachlorobenzene	1.56	0.34	mg/Kg wet	1.67		93.4	40-140				
Hexachlorobutadiene	1.41	0.34	mg/Kg wet	1.67		84.4	40-140				
Hexachlorocyclopentadiene	1.04	0.66	mg/Kg wet	1.67		62.6	30-140				
Hexachloroethane	1.28	0.34	mg/Kg wet	1.67		76.6	40-140				
Indeno(1,2,3-cd)pyrene	1.55	0.17	mg/Kg wet	1.67		92.8	40-140				
Isophorone	1.12	0.34	mg/Kg wet	1.67		67.1	40-140				
2-Methylnaphthalene	1.10	0.17	mg/Kg wet	1.67		65.8	40-140				
2-Methylphenol	1.15	0.34	mg/Kg wet	1.67		68.7	30-130				
3/4-Methylphenol	1.08	0.34	mg/Kg wet	1.67		65.1	30-130				
Naphthalene	1.08	0.17	mg/Kg wet	1.67		64.9	40-140				
2-Nitroaniline	1.02	0.34	mg/Kg wet	1.67		61.5	40-140				
3-Nitroaniline	0.879	0.34	mg/Kg wet	1.67		52.7	40-140				†
4-Nitroaniline	1.13	0.34	mg/Kg wet	1.67		67.6	40-140				
Nitrobenzene	1.13	0.34	mg/Kg wet	1.67		67.6	40-140				
2-Nitrophenol	1.35	0.34	mg/Kg wet	1.67		80.8	30-130				
4-Nitrophenol	1.01	0.66	mg/Kg wet	1.67		60.5	10-130				
N-Nitrosodiphenylamine	1.71	0.34	mg/Kg wet	1.67		102	40-140				
N-Nitrosodi-n-propylamine	1.05	0.34	mg/Kg wet	1.67		62.9	40-140				
Pentachloronitrobenzene	0.848	0.34	mg/Kg wet	0.833		102	40-140			V-16	
Pentachlorophenol	0.578	0.34	mg/Kg wet	1.67		34.7	30-130				
Phenanthrene	1.14	0.17	mg/Kg wet	1.67		68.2	40-140				
Phenol	1.16	0.34	mg/Kg wet	1.67		69.6	20-130				
Pyrene	1.18	0.17	mg/Kg wet	1.67		70.7	40-140				
Pyridine	1.22	0.34	mg/Kg wet	1.67		72.9	10-140				†
1,2,4,5-Tetrachlorobenzene	0.752	0.34	mg/Kg wet	0.833		90.2	40-140				
1,2,4-Trichlorobenzene	1.47	0.34	mg/Kg wet	1.67		88.3	40-140				
2,4,5-Trichlorophenol	1.41	0.34	mg/Kg wet	1.67		84.8	30-130				
2,4,6-Trichlorophenol	1.38	0.34	mg/Kg wet	1.67		83.0	30-130				
Surrogate: 2-Fluorophenol	*4.74*		mg/Kg wet	6.67		71.1	30-130				
Surrogate: Phenol-d6	*4.39*		mg/Kg wet	6.67		65.9	30-130				
Surrogate: Nitrobenzene-d5	*2.27*		mg/Kg wet	3.33		68.2	30-130				
Surrogate: 2-Fluorobiphenyl	*2.69*		mg/Kg wet	3.33		80.8	30-130				
Surrogate: 2,4,6-Tribromophenol	*6.18*		mg/Kg wet	6.67		92.7	30-130				
Surrogate: Terphenyl-d14	*2.88*		mg/Kg wet	3.33		86.3	30-130				
LCS Dup (B023370-BSD1)				Prepared: 12/08/10 Analyzed: 12/09/10							
Acenaphthene	1.11	0.17	mg/Kg wet	1.67		66.5	40-140	0.00	20		
Acenaphthylene	1.09	0.17	mg/Kg wet	1.67		65.2	40-140	0.215	20		
Aniline	0.565	0.34	mg/Kg wet	1.67		**33.9**	* 40-140	3.42	50	L-04	† ‡
Anthracene	1.16	0.17	mg/Kg wet	1.67		69.6	40-140	1.65	20		
Benzo(a)anthracene	1.23	0.17	mg/Kg wet	1.67		73.8	40-140	2.05	20		
Benzo(a)pyrene	1.19	0.17	mg/Kg wet	1.67		71.2	40-140	1.48	20		
Benzo(b)fluoranthene	1.16	0.17	mg/Kg wet	1.67		69.8	40-140	4.48	20		
Benzo(g,h,i)perylene	1.29	0.17	mg/Kg wet	1.67		77.1	40-140	3.19	20		
Benzo(k)fluoranthene	1.17	0.17	mg/Kg wet	1.67		70.1	40-140	2.12	20		
Bis(2-chloroethoxy)methane	1.25	0.34	mg/Kg wet	1.67		75.3	40-140	0.773	20		

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B023370 - SW-846 3546												
LCS Dup (B023370-BSD1)				Prepared: 12/08/10 Analyzed: 12/09/10								
Bis(2-chloroethyl)ether	1.20	0.34	mg/Kg wet	1.67		72.2		40-140	0.277	20		
Bis(2-chloroisopropyl)ether	0.433	0.34	mg/Kg wet	1.67		**26.0**	*	40-140	2.58	20	L-04	
Bis(2-Ethylhexyl)phthalate	1.47	0.34	mg/Kg wet	1.67		88.0		40-140	0.950	20		
4-Bromophenylphenylether	1.48	0.34	mg/Kg wet	1.67		88.9		40-140	6.83	20		
Butylbenzylphthalate	1.44	0.66	mg/Kg wet	1.67		86.3		40-140	1.52	20		
Carbazole	1.19	0.17	mg/Kg wet	1.67		71.3		40-140	11.2	20		
4-Chloroaniline	0.495	0.66	mg/Kg wet	1.67		**29.7**	*	40-140	15.0	20	L-04	†
4-Chloro-3-methylphenol	1.13	0.66	mg/Kg wet	1.67		67.8		30-130	4.55	20		
2-Chloronaphthalene	1.20	0.34	mg/Kg wet	1.67		71.8		40-140	0.139	20		
2-Chlorophenol	1.23	0.34	mg/Kg wet	1.67		73.9		30-130	0.0813	20		
4-Chlorophenylphenylether	1.42	0.34	mg/Kg wet	1.67		85.1		40-140	0.117	20		
Chrysene	1.17	0.17	mg/Kg wet	1.67		70.2		40-140	1.06	20		
Dibenz(a,h)anthracene	1.35	0.17	mg/Kg wet	1.67		80.8		40-140	11.5	20		
Dibenzofuran	1.35	0.34	mg/Kg wet	1.67		81.2		40-140	1.44	20		
Di-n-butylphthalate	1.40	0.34	mg/Kg wet	1.67		84.0		40-140	4.85	20		
3,3-Dichlorobenzidine	0.862	0.17	mg/Kg wet	1.67		51.7		40-140	2.78	20		† ‡
2,4-Dichlorophenol	1.35	0.34	mg/Kg wet	1.67		81.2		30-130	2.47	20		
Diethylphthalate	1.33	0.34	mg/Kg wet	1.67		80.0		40-140	3.46	20		
2,4-Dimethylphenol	1.31	0.34	mg/Kg wet	1.67		78.6		30-130	1.36	20		
Dimethylphthalate	1.37	0.66	mg/Kg wet	1.67		81.9		40-140	2.90	50		
4,6-Dinitro-2-methylphenol	1.08	0.34	mg/Kg wet	1.67		65.0		30-130	1.99	50		
2,4-Dinitrophenol	0.825	0.66	mg/Kg wet	1.67		49.5		30-130	5.01	50		
2,4-Dinitrotoluene	1.35	0.34	mg/Kg wet	1.67		80.8		40-140	4.22	20		
2,6-Dinitrotoluene	1.40	0.34	mg/Kg wet	1.67		84.2		40-140	1.44	20		
Di-n-octylphthalate	1.47	0.66	mg/Kg wet	1.67		88.1		40-140	6.31	20		
Fluoranthene	1.18	0.17	mg/Kg wet	1.67		70.9		40-140	17.3	20		
Fluorene	1.15	0.17	mg/Kg wet	1.67		69.1		40-140	1.19	20		
Hexachlorobenzene	1.49	0.34	mg/Kg wet	1.67		89.6		40-140	4.15	20		
Hexachlorobutadiene	1.36	0.34	mg/Kg wet	1.67		81.3		40-140	3.72	20		
Hexachlorocyclopentadiene	0.924	0.66	mg/Kg wet	1.67		55.4		30-140	12.2	50		
Hexachloroethane	1.25	0.34	mg/Kg wet	1.67		74.9		40-140	2.24	50		
Indeno(1,2,3-cd)pyrene	1.43	0.17	mg/Kg wet	1.67		85.9		40-140	7.68	50		
Isophorone	1.13	0.34	mg/Kg wet	1.67		67.6		40-140	0.861	20		
2-Methylnaphthalene	1.12	0.17	mg/Kg wet	1.67		66.9		40-140	1.63	20		
2-Methylphenol	1.12	0.34	mg/Kg wet	1.67		67.4		30-130	1.94	20		
3/4-Methylphenol	1.16	0.34	mg/Kg wet	1.67		69.6		30-130	6.71	20		
Naphthalene	1.07	0.17	mg/Kg wet	1.67		64.3		40-140	1.05	20		
2-Nitroaniline	1.07	0.34	mg/Kg wet	1.67		64.1		40-140	4.24	20		
3-Nitroaniline	0.946	0.34	mg/Kg wet	1.67		56.7		40-140	7.31	20		†
4-Nitroaniline	1.32	0.34	mg/Kg wet	1.67		79.2		40-140	15.8	20		
Nitrobenzene	1.07	0.34	mg/Kg wet	1.67		64.0		40-140	5.41	20		
2-Nitrophenol	1.34	0.34	mg/Kg wet	1.67		80.6		30-130	0.248	20		
4-Nitrophenol	1.11	0.66	mg/Kg wet	1.67		66.6		10-130	9.59	50		‡
N-Nitrosodiphenylamine	1.60	0.34	mg/Kg wet	1.67		95.9		40-140	6.52	20		
N-Nitrosodi-n-propylamine	1.07	0.34	mg/Kg wet	1.67		64.0		40-140	1.67	20		
Pentachloronitrobenzene	0.840	0.34	mg/Kg wet	0.833		101		40-140	0.948	20	V-16	
Pentachlorophenol	0.572	0.34	mg/Kg wet	1.67		34.3		30-130	0.986	50		
Phenanthrene	1.14	0.17	mg/Kg wet	1.67		68.4		40-140	0.351	20		
Phenol	1.18	0.34	mg/Kg wet	1.67		70.6		20-130	1.45	20		
Pyrene	1.09	0.17	mg/Kg wet	1.67		65.5		40-140	7.63	20		
Pyridine	1.13	0.34	mg/Kg wet	1.67		68.0		10-140	6.96	50		†
1,2,4,5-Tetrachlorobenzene	0.742	0.34	mg/Kg wet	0.833		89.0		40-140	1.38	20		

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023370 - SW-846 3546										
LCS Dup (B023370-BSD1)				Prepared: 12/08/10 Analyzed: 12/09/10						
1,2,4-Trichlorobenzene	1.44	0.34	mg/Kg wet	1.67		86.5	40-140	1.99	20	
2,4,5-Trichlorophenol	1.41	0.34	mg/Kg wet	1.67		84.4	30-130	0.449	20	
2,4,6-Trichlorophenol	1.38	0.34	mg/Kg wet	1.67		82.6	30-130	0.459	50	
Surrogate: 2-Fluorophenol	*4.67*		mg/Kg wet	6.67		70.0	30-130			
Surrogate: Phenol-d6	*4.46*		mg/Kg wet	6.67		66.8	30-130			
Surrogate: Nitrobenzene-d5	*2.19*		mg/Kg wet	3.33		65.6	30-130			
Surrogate: 2-Fluorobiphenyl	*2.67*		mg/Kg wet	3.33		80.0	30-130			
Surrogate: 2,4,6-Tribromophenol	*6.48*		mg/Kg wet	6.67		97.2	30-130			
Surrogate: Terphenyl-d14	*2.73*		mg/Kg wet	3.33		82.0	30-130			

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023365 - SW-846 3546										
Blank (B023365-BLK1)				Prepared: 12/08/10 Analyzed: 12/09/10						
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.183*		mg/Kg wet	0.200		91.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.188*		mg/Kg wet	0.200		94.0	30-150			
Surrogate: Tetrachloro-m-xylene	*0.198*		mg/Kg wet	0.200		99.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.205*		mg/Kg wet	0.200		103	30-150			
LCS (B023365-BS1)				Prepared: 12/08/10 Analyzed: 12/09/10						
Aroclor-1016	0.22	0.10	mg/Kg wet	0.200		112	40-140			
Aroclor-1016 [2C]	0.23	0.10	mg/Kg wet	0.200		116	40-140			
Aroclor-1260	0.20	0.10	mg/Kg wet	0.200		102	40-140			
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200		105	40-140			
Surrogate: Decachlorobiphenyl	*0.193*		mg/Kg wet	0.200		96.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.201*		mg/Kg wet	0.200		100	30-150			
Surrogate: Tetrachloro-m-xylene	*0.229*		mg/Kg wet	0.200		115	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.237*		mg/Kg wet	0.200		119	30-150			
LCS Dup (B023365-BSD1)				Prepared: 12/08/10 Analyzed: 12/09/10						
Aroclor-1016	0.22	0.10	mg/Kg wet	0.200		112	40-140	0.0958	30	
Aroclor-1016 [2C]	0.23	0.10	mg/Kg wet	0.200		115	40-140	0.0563	30	
Aroclor-1260	0.21	0.10	mg/Kg wet	0.200		107	40-140	4.26	30	
Aroclor-1260 [2C]	0.22	0.10	mg/Kg wet	0.200		108	40-140	3.59	30	
Surrogate: Decachlorobiphenyl	*0.210*		mg/Kg wet	0.200		105	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.217*		mg/Kg wet	0.200		108	30-150			
Surrogate: Tetrachloro-m-xylene	*0.228*		mg/Kg wet	0.200		114	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.236*		mg/Kg wet	0.200		118	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023365 - SW-846 3546										
Matrix Spike (B023365-MS1)	**Source: 10L0171-01**			Prepared: 12/08/10 Analyzed: 12/09/10						
Aroclor-1016	0.19	0.10	mg/Kg dry	0.202	ND	93.1	40-140			
Aroclor-1016 [2C]	0.19	0.10	mg/Kg dry	0.202	ND	96.2	40-140			
Aroclor-1260	0.18	0.10	mg/Kg dry	0.202	ND	86.5	40-140			
Aroclor-1260 [2C]	0.18	0.10	mg/Kg dry	0.202	ND	88.2	40-140			
Surrogate: Decachlorobiphenyl	*0.164*		mg/Kg dry	0.202		81.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.172*		mg/Kg dry	0.202		85.2	30-150			
Surrogate: Tetrachloro-m-xylene	*0.182*		mg/Kg dry	0.202		90.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.190*		mg/Kg dry	0.202		94.0	30-150			
Matrix Spike Dup (B023365-MSD1)	**Source: 10L0171-01**			Prepared: 12/08/10 Analyzed: 12/09/10						
Aroclor-1016	0.19	0.10	mg/Kg dry	0.204	ND	91.0	40-140	1.31	50	
Aroclor-1016 [2C]	0.19	0.10	mg/Kg dry	0.204	ND	94.4	40-140	0.882	50	
Aroclor-1260	0.17	0.10	mg/Kg dry	0.204	ND	85.4	40-140	0.346	50	
Aroclor-1260 [2C]	0.17	0.10	mg/Kg dry	0.204	ND	84.6	40-140	3.25	50	
Surrogate: Decachlorobiphenyl	*0.159*		mg/Kg dry	0.204		78.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.165*		mg/Kg dry	0.204		80.7	30-150			
Surrogate: Tetrachloro-m-xylene	*0.179*		mg/Kg dry	0.204		87.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.187*		mg/Kg dry	0.204		91.4	30-150			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023368 - SW-846 3546										
Blank (B023368-BLK1)				Prepared: 12/08/10 Analyzed: 12/09/10						
CT ETPH	ND	10	mg/Kg wet							
Surrogate: o-Terphenyl	*2.66*		mg/Kg wet	3.33		79.9	50-150			
LCS (B023368-BS1)				Prepared: 12/08/10 Analyzed: 12/09/10						
CT ETPH	23.5	10	mg/Kg wet	33.3		70.4	60-120			
Surrogate: o-Terphenyl	*2.58*		mg/Kg wet	3.33		77.4	50-150			
LCS Dup (B023368-BSD1)				Prepared: 12/08/10 Analyzed: 12/09/10						
CT ETPH	23.8	10	mg/Kg wet	33.3		71.5	60-120	1.50	30	
Surrogate: o-Terphenyl	*2.58*		mg/Kg wet	3.33		77.4	50-150			
Matrix Spike (B023368-MS1)	**Source: 10L0171-05**			Prepared: 12/08/10 Analyzed: 12/09/10						
CT ETPH	26.9	10	mg/Kg dry	33.9	5.03	64.4	50-150			
Surrogate: o-Terphenyl	*2.56*		mg/Kg dry	3.39		75.3	50-150			
Matrix Spike Dup (B023368-MSD1)	**Source: 10L0171-05**			Prepared: 12/08/10 Analyzed: 12/09/10						
CT ETPH	27.8	10	mg/Kg dry	33.9	5.03	67.2	50-150	3.51	30	
Surrogate: o-Terphenyl	*2.70*		mg/Kg dry	3.39		79.5	50-150			
Batch B023436 - SW-846 3546										
Blank (B023436-BLK1)				Prepared: 12/09/10 Analyzed: 12/10/10						
CT ETPH	ND	10	mg/Kg wet							
Surrogate: o-Terphenyl	*2.89*		mg/Kg wet	3.33		86.6	50-150			
LCS (B023436-BS1)				Prepared: 12/09/10 Analyzed: 12/10/10						
CT ETPH	27.1	10	mg/Kg wet	33.3		81.4	60-120			
Surrogate: o-Terphenyl	*3.00*		mg/Kg wet	3.33		90.1	50-150			
LCS Dup (B023436-BSD1)				Prepared: 12/09/10 Analyzed: 12/10/10						
CT ETPH	28.3	10	mg/Kg wet	33.3		84.9	60-120	4.20	30	
Surrogate: o-Terphenyl	*3.07*		mg/Kg wet	3.33		92.1	50-150			
Matrix Spike (B023436-MS1)	**Source: 10L0171-07**			Prepared: 12/09/10 Analyzed: 12/10/10						
CT ETPH	72.9	42	mg/Kg dry	35.2	28.9	125	50-150			
Surrogate: o-Terphenyl	*2.98*		mg/Kg dry	3.52		84.9	50-150			
Matrix Spike Dup (B023436-MSD1)	**Source: 10L0171-07**			Prepared: 12/09/10 Analyzed: 12/10/10						
CT ETPH	96.8	42	mg/Kg dry	35.2	28.9	**193** *	50-150	28.2	30	MS-22
Surrogate: o-Terphenyl	*3.07*		mg/Kg dry	3.52		87.4	50-150			

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

QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023347 - SW-846 7471										
Blank (B023347-BLK1)				Prepared & Analyzed: 12/08/10						
Mercury	ND	0.025	mg/Kg wet							
LCS (B023347-BS1)				Prepared & Analyzed: 12/08/10						
Mercury	1.18	0.031	mg/Kg wet	1.25		94.1	66-132			
LCS Dup (B023347-BSD1)				Prepared & Analyzed: 12/08/10						
Mercury	1.11	0.031	mg/Kg wet	1.25		89.0	66-132	5.53	30	
Batch B023352 - SW-846 3050B										
Blank (B023352-BLK1)				Prepared: 12/08/10 Analyzed: 12/09/10						
Arsenic	ND	2.5	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
LCS (B023352-BS1)				Prepared: 12/08/10 Analyzed: 12/09/10						
Arsenic	93.8	5.1	mg/Kg wet	107		87.7	81.6-118.4			
Lead	109	1.5	mg/Kg wet	107		102	79.1-120.3			
LCS (B023352-BS2)				Prepared: 12/08/10 Analyzed: 12/09/10						
Lead	0.754	0.77	mg/Kg wet	0.773		97.6	80-120			
LCS Dup (B023352-BSD1)				Prepared: 12/08/10 Analyzed: 12/09/10						
Arsenic	94.1	5.1	mg/Kg wet	107		87.9	81.6-118.4	0.271	30	
Lead	94.3	1.5	mg/Kg wet	107		88.1	79.1-120.3	14.5	30	
Batch B023419 - SW-846 3050B										
Blank (B023419-BLK1)				Prepared: 12/09/10 Analyzed: 12/10/10						
Arsenic	ND	2.5	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
LCS (B023419-BS1)				Prepared: 12/09/10 Analyzed: 12/10/10						
Arsenic	96.1	5.1	mg/Kg wet	107		89.8	81.6-118.4			
Lead	100	1.5	mg/Kg wet	107		93.8	79.1-120.3			
LCS (B023419-BS2)				Prepared: 12/09/10 Analyzed: 12/10/10						
Lead	0.762	0.77	mg/Kg wet	0.769		99.1	80-120			
LCS Dup (B023419-BSD1)				Prepared: 12/09/10 Analyzed: 12/10/10						
Arsenic	95.8	5.1	mg/Kg wet	107		89.5	81.6-118.4	0.314	30	
Lead	119	1.5	mg/Kg wet	107		111	79.1-120.3	17.1	30	

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023420 - SW-846 7471										
Blank (B023420-BLK1)				Prepared & Analyzed: 12/09/10						
Mercury	ND	0.025	mg/Kg wet							
LCS (B023420-BS1)				Prepared & Analyzed: 12/09/10						
Mercury	0.970	0.031	mg/Kg wet	1.25		77.6	66-132			
LCS Dup (B023420-BSD1)				Prepared & Analyzed: 12/09/10						
Mercury	1.07	0.031	mg/Kg wet	1.25		85.2	66-132	9.39	30	

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023387 - % Solids										
Duplicate (B023387-DUP2)	**Source: 10L0171-01**			Prepared & Analyzed: 12/08/10						
% Solids	97.7		% Wt		97.9			0.205	20	
Batch B023416 - SW846 9014										
Blank (B023416-BLK1)				Prepared & Analyzed: 12/09/10						
Cyanide	ND	0.50	mg/Kg wet							
LCS (B023416-BS1)				Prepared & Analyzed: 12/09/10						
Cyanide	43	0.98	mg/Kg wet	47.6		89.5	80-120			
LCS Dup (B023416-BSD1)				Prepared & Analyzed: 12/09/10						
Cyanide	45	0.98	mg/Kg wet	47.6		94.7	80-120	5.46	20	

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QUALITY CONTROL

SPLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023409 - SW-846 7470A Prep										
Blank (B023409-BLK1)				Prepared & Analyzed: 12/09/10						
Mercury	ND	0.00010	mg/L							
LCS (B023409-BS1)				Prepared & Analyzed: 12/09/10						
Mercury	0.00213	0.00010	mg/L	0.00200		106	80-120			
LCS Dup (B023409-BSD1)				Prepared & Analyzed: 12/09/10						
Mercury	0.00212	0.00010	mg/L	0.00200		106	80-120	0.486	20	
Matrix Spike (B023409-MS1)		**Source: 10L0171-03**		Prepared & Analyzed: 12/09/10						
Mercury	0.00208	0.00010	mg/L	0.00200	ND	104	75-125			
Batch B023411 - SW-846 3010A										
Blank (B023411-BLK1)				Prepared & Analyzed: 12/09/10						
Arsenic	ND	0.010	mg/L							
Lead	ND	0.010	mg/L							
LCS (B023411-BS1)				Prepared & Analyzed: 12/09/10						
Arsenic	0.489	0.010	mg/L	0.500		97.8	80-120			
Lead	0.501	0.010	mg/L	0.500		100	80-120			
LCS Dup (B023411-BSD1)				Prepared & Analyzed: 12/09/10						
Arsenic	0.493	0.010	mg/L	0.500		98.7	80-120	0.932	20	
Lead	0.505	0.010	mg/L	0.500		101	80-120	0.758	20	
Matrix Spike (B023411-MS1)		**Source: 10L0171-03**		Prepared & Analyzed: 12/09/10						
Arsenic	0.493	0.010	mg/L	0.500	ND	98.6	75-125			
Lead	0.531	0.010	mg/L	0.500	0.0306	100	75-125			
Batch B023483 - SW-846 7470A Prep										
Blank (B023483-BLK1)				Prepared & Analyzed: 12/10/10						
Mercury	ND	0.00010	mg/L							
LCS (B023483-BS1)				Prepared & Analyzed: 12/10/10						
Mercury	0.00209	0.00010	mg/L	0.00200		105	80-120			
LCS Dup (B023483-BSD1)				Prepared & Analyzed: 12/10/10						
Mercury	0.00201	0.00010	mg/L	0.00200		101	80-120	3.88	20	

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QUALITY CONTROL

SPLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023487 - SW-846 3010A										
Blank (B023487-BLK1)				Prepared & Analyzed: 12/10/10						
Arsenic	ND	0.010	mg/L							
Lead	ND	0.010	mg/L							
LCS (B023487-BS1)				Prepared & Analyzed: 12/10/10						
Arsenic	0.477	0.010	mg/L	0.500		95.5	80-120			
Lead	0.488	0.010	mg/L	0.500		97.6	80-120			
LCS Dup (B023487-BSD1)				Prepared & Analyzed: 12/10/10						
Arsenic	0.485	0.010	mg/L	0.500		97.0	80-120	1.58	20	
Lead	0.492	0.010	mg/L	0.500		98.4	80-120	0.791	20	
Matrix Spike (B023487-MS1)	**Source: 10L0171-07**			Prepared & Analyzed: 12/10/10						
Arsenic	0.485	0.010	mg/L	0.500	ND	97.0	75-125			
Lead	0.489	0.010	mg/L	0.500	0.00240	97.3	75-125			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
MS-22	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.
S-07	One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.
V-04	Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Soil	
CT ETPH	CT
SW-846 6010B in Soil	
Arsenic	CT,NH,NY
Lead	CT,NH,NY,AIHA
SW-846 7471A in Soil	
Mercury	CT,NH,NY
SW-846 8082 in Soil	
Aroclor-1016	CT,NH,NY,NC
Aroclor-1016 [2C]	CT,NH,NY,NC
Aroclor-1221	CT,NH,NY,NC
Aroclor-1221 [2C]	CT,NH,NY,NC
Aroclor-1232	CT,NH,NY,NC
Aroclor-1232 [2C]	CT,NH,NY,NC
Aroclor-1242	CT,NH,NY,NC
Aroclor-1242 [2C]	CT,NH,NY,NC
Aroclor-1248	CT,NH,NY,NC
Aroclor-1248 [2C]	CT,NH,NY,NC
Aroclor-1254	CT,NH,NY,NC
Aroclor-1254 [2C]	CT,NH,NY,NC
Aroclor-1260	CT,NH,NY,NC
Aroclor-1260 [2C]	CT,NH,NY,NC
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260B in Soil	
Acetone	CT,NH,NY,NC
Acrylonitrile	CT,NH,NY,NC
Benzene	CT,NH,NY,NC
Bromobenzene	NH,NY,NC
Bromodichloromethane	CT,NH,NY,NC
Bromoform	CT,NH,NY,NC
Bromomethane	CT,NH,NY,NC
2-Butanone (MEK)	CT,NH,NY,NC
n-Butylbenzene	CT,NH,NY,NC
sec-Butylbenzene	CT,NH,NY,NC
tert-Butylbenzene	CT,NH,NY,NC
Carbon Disulfide	CT,NH,NY,NC
Carbon Tetrachloride	CT,NH,NY,NC
Chlorobenzene	CT,NH,NY,NC
Chlorodibromomethane	CT,NH,NY,NC
Chloroethane	CT,NH,NY,NC
Chloroform	CT,NH,NY,NC
Chloromethane	CT,NH,NY,NC
2-Chlorotoluene	CT,NH,NY,NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Soil	
4-Chlorotoluene	CT,NH,NY,NC
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC
Dibromomethane	NH,NY,NC
1,2-Dichlorobenzene	CT,NH,NY,NC
1,3-Dichlorobenzene	CT,NH,NY,NC
1,4-Dichlorobenzene	CT,NH,NY,NC
trans-1,4-Dichloro-2-butene	NC
Dichlorodifluoromethane (Freon 12)	NY,NC
1,1-Dichloroethane	CT,NH,NY,NC
1,2-Dichloroethane	CT,NH,NY,NC
1,1-Dichloroethylene	CT,NH,NY,NC
cis-1,2-Dichloroethylene	CT,NH,NY,NC
trans-1,2-Dichloroethylene	CT,NH,NY,NC
1,2-Dichloropropane	CT,NH,NY,NC
1,3-Dichloropropane	NH,NY,NC
2,2-Dichloropropane	NH,NY,NC
1,1-Dichloropropene	NH,NY,NC
cis-1,3-Dichloropropene	CT,NH,NY,NC
trans-1,3-Dichloropropene	CT,NH,NY,NC
Ethylbenzene	CT,NH,NY,NC
Hexachlorobutadiene	NH,NY,NC
2-Hexanone (MBK)	CT,NH,NY,NC
Isopropylbenzene (Cumene)	CT,NH,NY,NC
p-Isopropyltoluene (p-Cymene)	NC
Methyl tert-Butyl Ether (MTBE)	NC
Methylene Chloride	CT,NH,NY,NC
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC
Naphthalene	NH,NY,NC
n-Propylbenzene	NC
Styrene	CT,NH,NY,NC
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC
Tetrachloroethylene	CT,NH,NY,NC
Tetrahydrofuran	NC
Toluene	CT,NH,NY,NC
1,2,3-Trichlorobenzene	NC
1,2,4-Trichlorobenzene	NH,NY,NC
1,1,1-Trichloroethane	CT,NH,NY,NC
1,1,2-Trichloroethane	CT,NH,NY,NC
Trichloroethylene	CT,NH,NY,NC
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC
1,2,3-Trichloropropane	NH,NY,NC
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC
1,2,4-Trimethylbenzene	CT,NH,NY,NC
1,3,5-Trimethylbenzene	CT,NH,NY,NC
Vinyl Chloride	CT,NH,NY,NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Soil	
m+p Xylene	CT,NH,NY,NC
o-Xylene	CT,NH,NY,NC
SW-846 8270C in Soil	
Acenaphthene	CT,NY,NH
Acenaphthylene	CT,NY,NH
Aniline	NY,NH
Anthracene	CT,NY,NH
Benzo(a)anthracene	CT,NY,NH
Benzo(a)pyrene	CT,NY,NH
Benzo(b)fluoranthene	CT,NY,NH
Benzo(g,h,i)perylene	CT,NY,NH
Benzo(k)fluoranthene	CT,NY,NH
Bis(2-chloroethoxy)methane	CT,NY,NH
Bis(2-chloroethyl)ether	CT,NY,NH
Bis(2-chloroisopropyl)ether	CT,NY,NH
Bis(2-Ethylhexyl)phthalate	CT,NY,NH
4-Bromophenylphenylether	CT,NY,NH
Butylbenzylphthalate	CT,NY,NH
4-Chloroaniline	CT,NY,NH
4-Chloro-3-methylphenol	CT,NY,NH
2-Chloronaphthalene	CT,NY,NH
2-Chlorophenol	CT,NY,NH
4-Chlorophenylphenylether	CT,NY,NH
Chrysene	CT,NY,NH
Dibenz(a,h)anthracene	CT,NY,NH
Dibenzofuran	CT,NY,NH
Di-n-butylphthalate	CT,NY,NH
1,2-Dichlorobenzene	NY,NH
1,3-Dichlorobenzene	NY,NH
1,4-Dichlorobenzene	NY,NH
3,3-Dichlorobenzidine	CT,NY,NH
2,4-Dichlorophenol	CT,NY,NH
Diethylphthalate	CT,NY,NH
2,4-Dimethylphenol	CT,NY,NH
Dimethylphthalate	CT,NY,NH
4,6-Dinitro-2-methylphenol	CT,NY,NH
2,4-Dinitrophenol	CT,NY,NH
2,4-Dinitrotoluene	CT,NY,NH
2,6-Dinitrotoluene	CT,NY,NH
Di-n-octylphthalate	CT,NY,NH
Fluoranthene	CT,NY,NH
Fluorene	NY,NH
Hexachlorobenzene	CT,NY,NH
Hexachlorobutadiene	CT,NY,NH
Hexachlorocyclopentadiene	CT,NY,NH
Hexachloroethane	CT,NY,NH

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270C in Soil	
Indeno(1,2,3-cd)pyrene	CT,NY,NH
Isophorone	CT,NY,NH
2-Methylnaphthalene	CT,NY,NH
2-Methylphenol	CT,NY,NH
3/4-Methylphenol	CT,NY,NH
Naphthalene	CT,NY,NH
2-Nitroaniline	CT,NY,NH
3-Nitroaniline	CT,NY,NH
4-Nitroaniline	CT,NY,NH
Nitrobenzene	CT,NY,NH
2-Nitrophenol	CT,NY,NH
4-Nitrophenol	CT,NY,NH
N-Nitrosodiphenylamine	CT,NY,NH
N-Nitrosodi-n-propylamine	CT,NY,NH
Pentachlorophenol	CT,NY,NH
Phenanthrene	CT,NY,NH
Phenol	CT,NY,NH
Pyrene	CT,NY,NH
Pyridine	CT,NY,NH
1,2,4-Trichlorobenzene	CT,NY,NH
2,4,5-Trichlorophenol	CT,NY,NH
2,4,6-Trichlorophenol	CT,NY,NH
SW846 9014 in Soil	
Cyanide	NY,CT,NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

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www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

Page 1 of 1

10L0171

Company Name: AKRF
Address: 700 Main Street - Suite C
W. Hartford, CT 06226
Attention: Glen Stefaniak
Project Location: 6 Rubber Ave, Naugatuck, CT
Sampled By: Steve Gress

Telephone: 646-388-9822
Project # 91065
Client PO#

DATA DELIVERY (check all that apply)
O FAX X EMAIL O WEBSITE
Fax #
Email: gstefaniak@akrf.com
Format: X PDF X EXCEL O GIS
O OTHER
O "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
O yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Cons Code	VOCs	SVOCs	ETPH	Total RSR 15 Metals	SPLP RSR 15 Metals	PCBs	Cyanide							# of Containe
		M/1	I	I	I	I	I	I													
		V	A	A	A	A	A	A													** Preservatio
-01	GDC-SB-101 (0-2)	12/6/10	0900		X	S	U			X			X								***Container
-02 ★	GDC-SB-101 (2-4)	12/6/10	0905		X	S	U			X			X								
-03	GDC-SB-104 (7-9)	12/6/10	1113		X	S	U			X	X	X	X								
-04 ★	GDC-SB-106 (0-2)	12/6/10	1205		X	S	U	X	X	X	X	X	X	X								
-05	GDC-SB-106 (2-4)	12/6/10	1215		X	S	U	X	X	X	X	X	X	X								
-06	GDC-SB-108 (11-13)	12/6/10	1500		X	S	U	X	X	X	X	X	X	X								
-07 Δ	GDC-SB-109 (11-13)	12/6/10	1540		X	S	U	X	X	X	X	X	X	X								
	12-06-10 18:46 IN																				
-08	TB20101206	12/6/10	1245				O	X													

Comments: ★ Hold Sample(s): GDC-SB-101 (2-4); GDC-SB-106 (0-2);
Δ - Hold GDC-SB-109 (11-13) SVOCs and PCBs only!

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

ANALYSIS REQUESTED

Dissolved Metals
O Field Filtered
O Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other Tap Blank

Relinquished by: (signature)	Date/Time:
	12/6/10 1600
Received by: (signature) Paul Rancat	Date/Time: 12/6/10 16:20
Relinquished by: (signature) Paul Rancat	Date/Time: 12/6/10 18:15
Received by: (signature)	Date/Time: 12/6/10 19:15

Turnaround ††
X 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: CT RSR, RDEC GBPMC
Other:

Is your project MCP or RCP ?
O MCP Analytical Certification Form Required
O RCP Analysis Certification Form Required
O MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED

www.contestlabs.com

con-test ANALYTICAL LABORATORY

39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

Sample Receipt Checklist

CLIENT NAME: AKRF RECEIVED BY: CNB DATE: 12/6/10

1) Was the chain(s) of custody relinquished and signed? (Yes) No

2) Does the chain agree with the samples? (Yes) No
If not, explain:

3) Are all the samples in good condition? (Yes) No
If not, explain:

4) How were the samples received:
On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 5.4°C

5) Are there Dissolved samples for the lab to filter? Yes (No)
Who was notified _____ Date _____ Time _____

6) Are there any samples "On Hold"? (Yes) No Stored where: 19

7) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)
Who was notified _____ Date _____ Time _____

8) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature:

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	2 SS-109 / 10
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below	15	SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
Flashpoint bottle		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 5
Bisulfate _____ # DI Water 10
Thiosulfate _____ Unpreserved _____

Time and Date Frozen: 12-06-10 18:46 IN

Do all samples have the proper Acid pH: Yes No (N/A) _____

Do all samples have the proper Base pH: Yes No (N/A) _____

June 2012

CT ETPH DISCRIMINATION CHECK

Date Acquired	12/9/10
Data File Name	A1209034.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.31	345315	376671	-8
c - 10	1.68	353845	376671	-6
c - 12	2.43	366523	376671	-3
c - 14	3.11	380672	376671	1
c - 16	3.72	392650	376671	4
c - 18	4.36	400619	376671	6
o-Terphenyl	4.65	422388	376671	
c - 20	4.96	397715	376671	6
c - 22	5.46	387151	376671	3
c - 24	5.90	395485	376671	5
c - 26	6.29	391818	376671	4
c - 28	6.66	386789	376671	3
c - 30	6.99	380923	376671	1
c - 32	7.31	369972	376671	-2
c - 34	7.61	356024	376671	-5
c - 36	7.99	344561	376671	-9

* One compound allowed %D </= 50%

Samples

10L0194-02
10L0171-05
10L0171-01
10L0171-06
10L0171-03

CT ETPH DISCRIMINATION CHECK

Date Acquired	12/10/10
Data File Name	A1210026.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.31	350893	379269	-7
c - 10	1.68	359588	379269	-5
c - 12	2.43	371627	379269	-2
c - 14	3.11	385124	379269	2
c - 16	3.72	395313	379269	4
c - 18	4.36	401494	379269	6
o-Terphenyl	4.65	425466	379269	
c - 20	4.96	399232	379269	5
c - 22	5.46	389447	379269	3
c - 24	5.90	398466	379269	5
c - 26	6.29	395056	379269	4
c - 28	6.66	389003	379269	3
c - 30	6.99	381859	379269	1
c - 32	7.31	370462	379269	-2
c - 34	7.61	356616	379269	-6
c - 36	7.99	344859	379269	-9

* One compound allowed %D </= 50%

Samples

10L0171-07

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: AKRF - WILLIMANTIC, CT

Project Location: 6 Rubber Ave., Naugatuck, CT

Project Number: 10L0171

Laboratory Sample ID(s):

10L0171-01 thru 10L0171-08

Sample Date(s):

12/06/2010

List RCP Methods Used:

CTDEP ETPH, SW-846 1312, SW-846 6010B, SW-846 7470A, SW-846 7471A, SW-846 8082, SW-846 8260B, SW-846 8270C, SW846 9014

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ 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)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☐ Yes ☑ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

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: Michael A. Erickson **Date:** 12/13/10

Name of Laboratory: Con-Test Analytical Laboratory

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

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

December 14, 2010

Glen Stefaniak
AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226

Project Location: 6 Rubber Ave., Naugatuck, CT
Client Job Number:
Project Number: 91065
Laboratory Work Order Number: 10L0194

Enclosed are results of analyses for samples received by the laboratory on December 7, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Susan M. Burney
Project Manager

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

AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226
ATTN: Glen Stefaniak

REPORT DATE: 12/14/2010

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 91065

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10L0194

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

PROJECT LOCATION: 6 Rubber Ave., Naugatuck, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GDC-SB-110 (6-8)	10L0194-01	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8260B	
				SW-846 8270C	
GDC-SB-111 (6-8)	10L0194-02	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8260B	
				SW-846 8270C	
GDC-SB-113 (12-14)	10L0194-03	Soil		SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 7470A	
				SW-846 7471A	
				SW-846 8260B	
				SW-846 8270C	
GDC-SB-114 (12-14)	10L0194-04	Soil		SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 7470A	
				SW-846 7471A	
				SW-846 8260B	
				SW-846 8270C	
TB20101207	10L0194-05	Soil		SW-846 8260B	

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

CASE NARRATIVE SUMMARY

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

For method 6010, only arsenic and lead results were requested and reported.

SW-846 8260B

Qualifications:

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

Analyte & Samples(s) Qualified:

Tetrahydrofuran

B023377-BS1

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

Analyte & Samples(s) Qualified:

Dichlorodifluoromethane (Freon 12)

10L0194-02[GDC-SB-111 (6-8)], 10L0194-03[GDC-SB-113 (12-14)], 10L0194-04[GDC-SB-114 (12-14)], 10L0194-05[TB20101207], B023377-BLK1, B023377-BS1

Elevated reporting limit due to high concentration of non-target compounds. Requested detection limit not met.

Analyte & Samples(s) Qualified:

10L0194-01[GDC-SB-110 (6-8)]

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

Analyte & Samples(s) Qualified:

1,2-Dibromo-3-chloropropane (DBCP), 1,2-Dichlorobenzene

10L0194-01[GDC-SB-110 (6-8)], B023379-BLK1, B023379-BS1

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

Analyte & Samples(s) Qualified:

2-Butanone (MEK), Acetone, Acrylonitrile, Tetrahydrofuran

10L0194-02[GDC-SB-111 (6-8)], 10L0194-03[GDC-SB-113 (12-14)], 10L0194-04[GDC-SB-114 (12-14)], 10L0194-05[TB20101207], B023377-BLK1, B023377-BS1, 10L0194-01[GDC-SB-110 (6-8)], B023379-BLK1, B023379-BS1

SW-846 8270C

Qualifications:

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

Analyte & Samples(s) Qualified:

4-Chloroaniline, Aniline, Bis(2-chloroisopropyl)ether

10L0194-01[GDC-SB-110 (6-8)], 10L0194-02[GDC-SB-111 (6-8)], 10L0194-03[GDC-SB-113 (12-14)], 10L0194-04[GDC-SB-114 (12-14)], B023370-BLK1, B023370-BS1, B023370-BSD1

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

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol

10L0194-01[GDC-SB-110 (6-8)], 10L0194-02[GDC-SB-111 (6-8)], 10L0194-03[GDC-SB-113 (12-14)], 10L0194-04[GDC-SB-114 (12-14)]

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

Analyte & Samples(s) Qualified:

Bis(2-chloroisopropyl)ether

10L0194-01[GDC-SB-110 (6-8)], 10L0194-02[GDC-SB-111 (6-8)], 10L0194-03[GDC-SB-113 (12-14)]

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

Analyte & Samples(s) Qualified:

Pentachloronitrobenzene

10L0194-01[GDC-SB-110 (6-8)], 10L0194-02[GDC-SB-111 (6-8)], 10L0194-03[GDC-SB-113 (12-14)], 10L0194-04[GDC-SB-114 (12-14)], B023370-BLK1, B023370-BS1, B023370-BSD1

SW-846 8260B

The LCS recoveries for required CT reasonable confidence protocol (RCP) 8260 compounds were all within limits specified by the method except for "difficult analytes" where control limits somewhere between 40-160% are used and/or unless otherwise listed in this narrative: Difficult analytes: MIBK, MEK, Tert-butyl Alcohol, Acetone, 1,4-Dioxane, Vinyl Chloride, Chloromethane, Dichlorodifluoromethane, 2-Hexanone, Naphthalene, Bromomethane, Methylene Chloride, and tert-butylbenzene.

SW-846 8270C

The LCS sample recoveries for required RCP 8270 compounds were all within control limits specified by the method, 40-140% for base/neutrals and 30-130% for acids except for "difficult analytes" listed below and/or otherwise listed in this narrative: Difficult analytes for soil - limits between 10 and 180% depending on the compound (see QC summary for limits): 3,3'-Dichlorobenzidine, Pyridine, Aniline, 4-Chloroaniline, 3-Nitroaniline, and n-Nitrosodiphenylamine.

All reporting limits specified on the chain-of-custody were met, except for Pyridine, 1,2,4,5-Tetrachlorobenzene and Pentachloronitrobenzene for the most protective criteria since the laboratory cannot achieve the required RCP calibration criteria at these levels unless otherwise listed in this narrative.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0194

Date Received: 12/7/2010

Field Sample #: GDC-SB-110 (6-8) | Sampled: 12/7/2010 10:24

Sample ID: 10L0194-01

Sample Matrix: Soil

Sample Flags: RL-02

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	36	mg/Kg dry	10	V-16	SW-846 8260B	12/8/10	12/8/10 12:08	MFF
Acrylonitrile	ND	3.6	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
Benzene	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
Bromobenzene	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
Bromodichloromethane	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
Bromoform	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
Bromomethane	ND	2.9	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
2-Butanone (MEK)	ND	15	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
n-Butylbenzene	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
sec-Butylbenzene	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
tert-Butylbenzene	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
Carbon Disulfide	ND	2.2	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
Carbon Tetrachloride	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
Chlorobenzene	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
Chlorodibromomethane	ND	0.36	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
Chloroethane	ND	1.5	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
Chloroform	ND	1.5	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
Chloromethane	ND	1.5	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
2-Chlorotoluene	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
4-Chlorotoluene	ND	1.5	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	3.6	mg/Kg dry	10	V-05	SW-846 8260B	12/8/10	12/8/10 12:08	MFF
1,2-Dibromoethane (EDB)	ND	0.36	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
Dibromomethane	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
1,2-Dichlorobenzene	ND	0.73	mg/Kg dry	10	V-05	SW-846 8260B	12/8/10	12/8/10 12:08	MFF
1,3-Dichlorobenzene	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
1,4-Dichlorobenzene	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
trans-1,4-Dichloro-2-butene	ND	1.5	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
Dichlorodifluoromethane (Freon 12)	ND	1.5	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
1,1-Dichloroethane	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
1,2-Dichloroethane	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
1,1-Dichloroethylene	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
cis-1,2-Dichloroethylene	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
trans-1,2-Dichloroethylene	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
1,2-Dichloropropane	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
1,3-Dichloropropane	ND	0.36	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
2,2-Dichloropropane	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
1,1-Dichloropropene	ND	1.5	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
cis-1,3-Dichloropropene	ND	0.36	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
trans-1,3-Dichloropropene	ND	0.36	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
Ethylbenzene	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
Hexachlorobutadiene	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
2-Hexanone (MBK)	ND	7.3	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
Isopropylbenzene (Cumene)	5.0	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0194

Date Received: 12/7/2010

Field Sample #: GDC-SB-110 (6-8) | Sampled: 12/7/2010 10:24

Sample ID: 10L0194-01

Sample Matrix: Soil

Sample Flags: RL-02

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
Methylene Chloride	ND	3.6	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
4-Methyl-2-pentanone (MIBK)	ND	7.3	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
Naphthalene	ND	1.5	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
n-Propylbenzene	ND	1.5	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
Styrene	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
1,1,1,2-Tetrachloroethane	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
1,1,2,2-Tetrachloroethane	ND	0.36	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
Tetrachloroethylene	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
Tetrahydrofuran	ND	7.3	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
Toluene	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
1,2,3-Trichlorobenzene	ND	3.6	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
1,2,4-Trichlorobenzene	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
1,1,1-Trichloroethane	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
1,1,2-Trichloroethane	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
Trichloroethylene	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
Trichlorofluoromethane (Freon 11)	ND	1.5	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
1,2,3-Trichloropropane	ND	1.5	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
1,2,4-Trimethylbenzene	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
1,3,5-Trimethylbenzene	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
Vinyl Chloride	ND	1.5	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
m+p Xylene	ND	1.5	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF
o-Xylene	ND	0.73	mg/Kg dry	10		SW-846 8260B	12/8/10	12/8/10 12:08	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	115	70-130		12/8/10 12:08
Toluene-d8	123	70-130		12/8/10 12:08
4-Bromofluorobenzene	120	70-130		12/8/10 12:08

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0194

Date Received: 12/7/2010

Field Sample #: GDC-SB-110 (6-8) | Sampled: 12/7/2010 10:24

Sample ID: 10L0194-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Acenaphthylene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Aniline	ND	0.44	mg/Kg dry	1	L-04	SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Anthracene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Benzo(a)anthracene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Benzo(a)pyrene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Benzo(b)fluoranthene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Benzo(g,h,i)perylene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Benzo(k)fluoranthene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Bis(2-chloroethoxy)methane	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Bis(2-chloroethyl)ether	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Bis(2-chloroisopropyl)ether	ND	0.44	mg/Kg dry	1	L-04, V-05	SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
4-Bromophenylphenylether	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Butylbenzylphthalate	ND	0.86	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Carbazole	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
4-Chloroaniline	ND	0.86	mg/Kg dry	1	L-04	SW-846 8270C	12/8/10	12/9/10 21:12	BGL
4-Chloro-3-methylphenol	ND	0.86	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
2-Chloronaphthalene	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
2-Chlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
4-Chlorophenylphenylether	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Chrysene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Dibenz(a,h)anthracene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Dibenzofuran	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Di-n-butylphthalate	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
3,3-Dichlorobenzidine	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
2,4-Dichlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Diethylphthalate	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
2,4-Dimethylphenol	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Dimethylphthalate	ND	0.86	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
4,6-Dinitro-2-methylphenol	ND	0.44	mg/Kg dry	1	V-04	SW-846 8270C	12/8/10	12/9/10 21:12	BGL
2,4-Dinitrophenol	ND	0.86	mg/Kg dry	1	V-04	SW-846 8270C	12/8/10	12/9/10 21:12	BGL
2,4-Dinitrotoluene	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
2,6-Dinitrotoluene	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Di-n-octylphthalate	ND	0.86	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Fluoranthene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Fluorene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Hexachlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Hexachlorobutadiene	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Hexachlorocyclopentadiene	ND	0.86	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Hexachloroethane	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Indeno(1,2,3-cd)pyrene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Isophorone	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0194

Date Received: 12/7/2010

Field Sample #: GDC-SB-110 (6-8) | Sampled: 12/7/2010 10:24

Sample ID: 10L0194-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
2-Methylphenol	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
3/4-Methylphenol	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Naphthalene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
2-Nitroaniline	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
3-Nitroaniline	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
4-Nitroaniline	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Nitrobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
2-Nitrophenol	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
4-Nitrophenol	ND	0.86	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
N-Nitrosodiphenylamine	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
N-Nitrosodi-n-propylamine	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Pentachloronitrobenzene	ND	0.44	mg/Kg dry	1	V-16	SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Pentachlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Phenanthrene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Phenol	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Pyrene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
Pyridine	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
1,2,4-Trichlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
2,4,5-Trichlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL
2,4,6-Trichlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 21:12	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	57.5	30-130		12/9/10 21:12
Phenol-d6	51.4	30-130		12/9/10 21:12
Nitrobenzene-d5	51.3	30-130		12/9/10 21:12
2-Fluorobiphenyl	53.7	30-130		12/9/10 21:12
2,4,6-Tribromophenol	63.1	30-130		12/9/10 21:12
Terphenyl-d14	63.0	30-130		12/9/10 21:12

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0194

Date Received: 12/7/2010

Field Sample #: GDC-SB-110 (6-8) Sampled: 12/7/2010 10:24

Sample ID: 10L0194-01

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	440	130	mg/Kg dry	10		CTDEP ETPH	12/8/10	12/10/10 12:45	CJM

Surrogates	% Recovery	Recovery Limits	Flag	
o-Terphenyl	69.8	50-150		12/10/10 12:45

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0194

Date Received: 12/7/2010

Field Sample #: GDC-SB-110 (6-8) Sampled: 12/7/2010 10:24

Sample ID: 10L0194-01

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	76.3		% Wt	1		SM 2540G	12/8/10	12/8/10 19:53	AKW

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0194

Date Received: 12/7/2010

Field Sample #: GDC-SB-111 (6-8) | Sampled: 12/7/2010 11:13

Sample ID: 10L0194-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.091	mg/Kg dry	1	V-16	SW-846 8260B	12/8/10	12/8/10 10:23	MFF
Acrylonitrile	ND	0.0055	mg/Kg dry	1	V-16	SW-846 8260B	12/8/10	12/8/10 10:23	MFF
Benzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
Bromobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
Bromodichloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
Bromoform	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
Bromomethane	ND	0.0091	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
2-Butanone (MEK)	ND	0.036	mg/Kg dry	1	V-16	SW-846 8260B	12/8/10	12/8/10 10:23	MFF
n-Butylbenzene	ND	0.0036	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
sec-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
tert-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
Carbon Disulfide	ND	0.0055	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
Carbon Tetrachloride	ND	0.0036	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
Chlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
Chlorodibromomethane	ND	0.0036	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
Chloroethane	ND	0.018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
Chloroform	ND	0.0036	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
Chloromethane	ND	0.0091	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
2-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
4-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
1,2-Dibromoethane (EDB)	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
Dibromomethane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
1,2-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
1,3-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
1,4-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
trans-1,4-Dichloro-2-butene	ND	0.0036	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.018	mg/Kg dry	1	L-03	SW-846 8260B	12/8/10	12/8/10 10:23	MFF
1,1-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
1,2-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
1,1-Dichloroethylene	ND	0.0036	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
cis-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
trans-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
1,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
1,3-Dichloropropane	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
2,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
1,1-Dichloropropene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
cis-1,3-Dichloropropene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
trans-1,3-Dichloropropene	ND	0.0036	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
Ethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
Hexachlorobutadiene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
2-Hexanone (MBK)	ND	0.018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
Isopropylbenzene (Cumene)	ND	0.0036	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0194

Date Received: 12/7/2010

Field Sample #: GDC-SB-111 (6-8) | Sampled: 12/7/2010 11:13

Sample ID: 10L0194-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0036	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
Methylene Chloride	ND	0.018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
Naphthalene	ND	0.0036	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
n-Propylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
Styrene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
1,1,1,2-Tetrachloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
1,1,2,2-Tetrachloroethane	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
Tetrachloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
Tetrahydrofuran	ND	0.0091	mg/Kg dry	1	V-16	SW-846 8260B	12/8/10	12/8/10 10:23	MFF
Toluene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
1,2,3-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
1,2,4-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
1,1,1-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
1,1,2-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
Trichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0091	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
1,2,3-Trichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0091	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
1,2,4-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
1,3,5-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
Vinyl Chloride	ND	0.0091	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
m+p Xylene	ND	0.0036	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF
o-Xylene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 10:23	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	106	70-130		12/8/10 10:23
Toluene-d8	97.1	70-130		12/8/10 10:23
4-Bromofluorobenzene	102	70-130		12/8/10 10:23

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0194

Date Received: 12/7/2010

Field Sample #: GDC-SB-111 (6-8) | Sampled: 12/7/2010 11:13

Sample ID: 10L0194-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Acenaphthylene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Aniline	ND	0.40	mg/Kg dry	1	L-04	SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Benzo(a)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Benzo(a)pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Benzo(b)fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Benzo(g,h,i)perylene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Benzo(k)fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Bis(2-chloroethoxy)methane	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Bis(2-chloroethyl)ether	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Bis(2-chloroisopropyl)ether	ND	0.40	mg/Kg dry	1	L-04, V-05	SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
4-Bromophenylphenylether	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Butylbenzylphthalate	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Carbazole	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
4-Chloroaniline	ND	0.78	mg/Kg dry	1	L-04	SW-846 8270C	12/8/10	12/11/10 15:57	BGL
4-Chloro-3-methylphenol	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
2-Chloronaphthalene	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
2-Chlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
4-Chlorophenylphenylether	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Chrysene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Dibenz(a,h)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Dibenzofuran	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Di-n-butylphthalate	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
3,3-Dichlorobenzidine	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
2,4-Dichlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Diethylphthalate	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
2,4-Dimethylphenol	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Dimethylphthalate	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
4,6-Dinitro-2-methylphenol	ND	0.40	mg/Kg dry	1	V-04	SW-846 8270C	12/8/10	12/11/10 15:57	BGL
2,4-Dinitrophenol	ND	0.78	mg/Kg dry	1	V-04	SW-846 8270C	12/8/10	12/11/10 15:57	BGL
2,4-Dinitrotoluene	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
2,6-Dinitrotoluene	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Di-n-octylphthalate	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Fluorene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Hexachlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Hexachlorobutadiene	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Hexachlorocyclopentadiene	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Hexachloroethane	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Isophorone	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0194

Date Received: 12/7/2010

Field Sample #: GDC-SB-111 (6-8) | Sampled: 12/7/2010 11:13

Sample ID: 10L0194-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
2-Methylphenol	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
3/4-Methylphenol	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Naphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
2-Nitroaniline	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
3-Nitroaniline	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
4-Nitroaniline	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Nitrobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
2-Nitrophenol	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
4-Nitrophenol	ND	0.78	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
N-Nitrosodiphenylamine	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
N-Nitrosodi-n-propylamine	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Pentachloronitrobenzene	ND	0.40	mg/Kg dry	1	V-16	SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Pentachlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Phenanthrene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Phenol	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
Pyridine	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
1,2,4-Trichlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
2,4,5-Trichlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL
2,4,6-Trichlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 15:57	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	80.2	30-130		12/11/10 15:57
Phenol-d6	74.4	30-130		12/11/10 15:57
Nitrobenzene-d5	67.9	30-130		12/11/10 15:57
2-Fluorobiphenyl	80.6	30-130		12/11/10 15:57
2,4,6-Tribromophenol	90.2	30-130		12/11/10 15:57
Terphenyl-d14	97.9	30-130		12/11/10 15:57

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

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0194

Date Received: 12/7/2010

Field Sample #: GDC-SB-111 (6-8) Sampled: 12/7/2010 11:13

Sample ID: 10L0194-02

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	12	12	mg/Kg dry	1		CTDEP ETPH	12/8/10	12/9/10 18:05	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	79.5	50-150				12/9/10	18:05

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0194

Date Received: 12/7/2010

Field Sample #: GDC-SB-111 (6-8) Sampled: 12/7/2010 11:13

Sample ID: 10L0194-02

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.6		% Wt	1		SM 2540G	12/8/10	12/8/10 19:53	AKW

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0194

Date Received: 12/7/2010

Field Sample #: GDC-SB-113 (12-14) | Sampled: 12/7/2010 14:17

Sample ID: 10L0194-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	mg/Kg dry	1	V-16	SW-846 8260B	12/8/10	12/8/10 9:31	MFF
Acrylonitrile	ND	0.0069	mg/Kg dry	1	V-16	SW-846 8260B	12/8/10	12/8/10 9:31	MFF
Benzene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
Bromobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
Bromodichloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
Bromoform	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
2-Butanone (MEK)	ND	0.046	mg/Kg dry	1	V-16	SW-846 8260B	12/8/10	12/8/10 9:31	MFF
n-Butylbenzene	ND	0.0046	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
sec-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
tert-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
Carbon Disulfide	ND	0.0069	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
Carbon Tetrachloride	ND	0.0046	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
Chlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
Chlorodibromomethane	ND	0.0046	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
Chloroethane	ND	0.023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
Chloroform	ND	0.0046	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
Chloromethane	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
2-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
4-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
Dibromomethane	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
1,2-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
1,3-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
1,4-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
trans-1,4-Dichloro-2-butene	ND	0.0046	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	mg/Kg dry	1	L-03	SW-846 8260B	12/8/10	12/8/10 9:31	MFF
1,1-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
1,2-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
1,1-Dichloroethylene	ND	0.0046	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
cis-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
trans-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
1,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
2,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
1,1-Dichloropropene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
cis-1,3-Dichloropropene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
trans-1,3-Dichloropropene	ND	0.0046	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
Ethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
Hexachlorobutadiene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
2-Hexanone (MBK)	ND	0.023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
Isopropylbenzene (Cumene)	ND	0.0046	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0194

Date Received: 12/7/2010

Field Sample #: GDC-SB-113 (12-14) | Sampled: 12/7/2010 14:17

Sample ID: 10L0194-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0046	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
Methylene Chloride	ND	0.023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
Naphthalene	ND	0.0046	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
n-Propylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
Styrene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
Tetrachloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1	V-16	SW-846 8260B	12/8/10	12/8/10 9:31	MFF
Toluene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
1,2,3-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
1,2,4-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
1,1,1-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
1,1,2-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
Trichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
1,2,3-Trichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
1,2,4-Trimethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
1,3,5-Trimethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
m+p Xylene	ND	0.0046	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF
o-Xylene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:31	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	108	70-130		12/8/10 9:31
Toluene-d8	96.4	70-130		12/8/10 9:31
4-Bromofluorobenzene	98.5	70-130		12/8/10 9:31

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0194

Date Received: 12/7/2010

Field Sample #: GDC-SB-113 (12-14) | Sampled: 12/7/2010 14:17

Sample ID: 10L0194-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Aniline	ND	0.39	mg/Kg dry	1	L-04	SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Benzo(a)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Benzo(a)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Benzo(b)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Bis(2-chloroethoxy)methane	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Bis(2-chloroethyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Bis(2-chloroisopropyl)ether	ND	0.39	mg/Kg dry	1	L-04, V-05	SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
4-Bromophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Butylbenzylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Carbazole	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
4-Chloroaniline	ND	0.75	mg/Kg dry	1	L-04	SW-846 8270C	12/8/10	12/11/10 16:33	BGL
4-Chloro-3-methylphenol	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
2-Chloronaphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
2-Chlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
4-Chlorophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Chrysene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Dibenzofuran	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Di-n-butylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
2,4-Dichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Diethylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
2,4-Dimethylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Dimethylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
4,6-Dinitro-2-methylphenol	ND	0.39	mg/Kg dry	1	V-04	SW-846 8270C	12/8/10	12/11/10 16:33	BGL
2,4-Dinitrophenol	ND	0.75	mg/Kg dry	1	V-04	SW-846 8270C	12/8/10	12/11/10 16:33	BGL
2,4-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
2,6-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Di-n-octylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Hexachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Hexachlorobutadiene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Hexachlorocyclopentadiene	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Hexachloroethane	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Indeno(1,2,3-cd)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Isophorone	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0194

Date Received: 12/7/2010

Field Sample #: GDC-SB-113 (12-14) | Sampled: 12/7/2010 14:17

Sample ID: 10L0194-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
2-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
3/4-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
2-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
3-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
4-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Nitrobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
2-Nitrophenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
4-Nitrophenol	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
N-Nitrosodiphenylamine	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
N-Nitrosodi-n-propylamine	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Pentachloronitrobenzene	ND	0.39	mg/Kg dry	1	V-16	SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Pentachlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Phenanthrene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Phenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
Pyridine	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
1,2,4-Trichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
2,4,5-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL
2,4,6-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/10	12/11/10 16:33	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	71.0	30-130		12/11/10 16:33
Phenol-d6	64.7	30-130		12/11/10 16:33
Nitrobenzene-d5	62.9	30-130		12/11/10 16:33
2-Fluorobiphenyl	78.9	30-130		12/11/10 16:33
2,4,6-Tribromophenol	80.9	30-130		12/11/10 16:33
Terphenyl-d14	97.8	30-130		12/11/10 16:33

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

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0194

Date Received: 12/7/2010

Field Sample #: GDC-SB-113 (12-14) Sampled: 12/7/2010 14:17

Sample ID: 10L0194-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010B	12/8/10	12/9/10 17:06	OP
Lead	3.5	0.85	mg/Kg dry	1		SW-846 6010B	12/8/10	12/9/10 17:06	OP
Mercury	ND	0.015	mg/Kg dry	1		SW-846 7471A	12/8/10	12/8/10 14:59	CWB

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0194

Date Received: 12/7/2010

Field Sample #: GDC-SB-113 (12-14) | Sampled: 12/7/2010 14:17

Sample ID: 10L0194-03

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.2		% Wt	1		SM 2540G	12/8/10	12/8/10 19:53	AKW

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0194

Date Received: 12/7/2010

Field Sample #: GDC-SB-113 (12-14) Sampled: 12/7/2010 14:17

Sample ID: 10L0194-03

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.010	mg/L	1		SW-846 6010B	12/9/10	12/9/10 18:09	OP
Lead	ND	0.010	mg/L	1		SW-846 6010B	12/9/10	12/9/10 18:09	OP
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/9/10	12/9/10 15:16	CWB

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0194

Date Received: 12/7/2010

Field Sample #: GDC-SB-114 (12-14) | Sampled: 12/7/2010 15:27

Sample ID: 10L0194-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.14	mg/Kg dry	1	V-16	SW-846 8260B	12/8/10	12/8/10 9:57	MFF
Acrylonitrile	ND	0.0084	mg/Kg dry	1	V-16	SW-846 8260B	12/8/10	12/8/10 9:57	MFF
Benzene	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
Bromobenzene	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
Bromodichloromethane	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
Bromoform	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
Bromomethane	ND	0.014	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
2-Butanone (MEK)	ND	0.056	mg/Kg dry	1	V-16	SW-846 8260B	12/8/10	12/8/10 9:57	MFF
n-Butylbenzene	ND	0.0056	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
sec-Butylbenzene	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
tert-Butylbenzene	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
Carbon Disulfide	ND	0.0084	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
Carbon Tetrachloride	ND	0.0056	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
Chlorobenzene	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
Chlorodibromomethane	ND	0.0056	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
Chloroethane	ND	0.028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
Chloroform	ND	0.0056	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
Chloromethane	ND	0.014	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
2-Chlorotoluene	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
4-Chlorotoluene	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
1,2-Dibromoethane (EDB)	ND	0.0014	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
Dibromomethane	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
1,2-Dichlorobenzene	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
1,3-Dichlorobenzene	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
1,4-Dichlorobenzene	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
trans-1,4-Dichloro-2-butene	ND	0.0056	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.028	mg/Kg dry	1	L-03	SW-846 8260B	12/8/10	12/8/10 9:57	MFF
1,1-Dichloroethane	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
1,2-Dichloroethane	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
1,1-Dichloroethylene	ND	0.0056	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
cis-1,2-Dichloroethylene	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
trans-1,2-Dichloroethylene	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
1,2-Dichloropropane	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
1,3-Dichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
2,2-Dichloropropane	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
1,1-Dichloropropene	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
cis-1,3-Dichloropropene	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
trans-1,3-Dichloropropene	ND	0.0056	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
Ethylbenzene	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
Hexachlorobutadiene	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
2-Hexanone (MBK)	ND	0.028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
Isopropylbenzene (Cumene)	ND	0.0056	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0194

Date Received: 12/7/2010

Field Sample #: GDC-SB-114 (12-14) | Sampled: 12/7/2010 15:27

Sample ID: 10L0194-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0056	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
Methylene Chloride	ND	0.028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
Naphthalene	ND	0.0056	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
n-Propylbenzene	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
Styrene	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
1,1,1,2-Tetrachloroethane	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
1,1,2,2-Tetrachloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
Tetrachloroethylene	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
Tetrahydrofuran	ND	0.014	mg/Kg dry	1	V-16	SW-846 8260B	12/8/10	12/8/10 9:57	MFF
Toluene	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
1,2,3-Trichlorobenzene	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
1,2,4-Trichlorobenzene	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
1,1,1-Trichloroethane	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
1,1,2-Trichloroethane	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
Trichloroethylene	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
Trichlorofluoromethane (Freon 11)	ND	0.014	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
1,2,3-Trichloropropane	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.014	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
1,2,4-Trimethylbenzene	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
1,3,5-Trimethylbenzene	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
Vinyl Chloride	ND	0.014	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
m+p Xylene	ND	0.0056	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF
o-Xylene	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/8/10	12/8/10 9:57	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	110	70-130		12/8/10 9:57
Toluene-d8	96.8	70-130		12/8/10 9:57
4-Bromofluorobenzene	102	70-130		12/8/10 9:57

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0194

Date Received: 12/7/2010

Field Sample #: GDC-SB-114 (12-14) | Sampled: 12/7/2010 15:27

Sample ID: 10L0194-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Aniline	ND	0.35	mg/Kg dry	1	L-04	SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Benzo(a)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Benzo(a)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Benzo(b)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Benzo(g,h,i)perylene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Bis(2-chloroethoxy)methane	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Bis(2-chloroethyl)ether	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Bis(2-chloroisopropyl)ether	ND	0.35	mg/Kg dry	1	L-04	SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
4-Bromophenylphenylether	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Butylbenzylphthalate	ND	0.68	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Carbazole	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
4-Chloroaniline	ND	0.68	mg/Kg dry	1	L-04	SW-846 8270C	12/8/10	12/9/10 22:57	BGL
4-Chloro-3-methylphenol	ND	0.68	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
2-Chloronaphthalene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
2-Chlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
4-Chlorophenylphenylether	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Chrysene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Dibenzofuran	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Di-n-butylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
2,4-Dichlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Diethylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
2,4-Dimethylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Dimethylphthalate	ND	0.68	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
4,6-Dinitro-2-methylphenol	ND	0.35	mg/Kg dry	1	V-04	SW-846 8270C	12/8/10	12/9/10 22:57	BGL
2,4-Dinitrophenol	ND	0.68	mg/Kg dry	1	V-04	SW-846 8270C	12/8/10	12/9/10 22:57	BGL
2,4-Dinitrotoluene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
2,6-Dinitrotoluene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Di-n-octylphthalate	ND	0.68	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Hexachlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Hexachlorobutadiene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Hexachlorocyclopentadiene	ND	0.68	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Hexachloroethane	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Indeno(1,2,3-cd)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Isophorone	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0194

Date Received: 12/7/2010

Field Sample #: GDC-SB-114 (12-14) | Sampled: 12/7/2010 15:27

Sample ID: 10L0194-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
2-Methylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
3/4-Methylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
2-Nitroaniline	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
3-Nitroaniline	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
4-Nitroaniline	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Nitrobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
2-Nitrophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
4-Nitrophenol	ND	0.68	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
N-Nitrosodiphenylamine	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
N-Nitrosodi-n-propylamine	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Pentachloronitrobenzene	ND	0.35	mg/Kg dry	1	V-16	SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Pentachlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Phenanthrene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Phenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
Pyridine	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
1,2,4-Trichlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
2,4,5-Trichlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL
2,4,6-Trichlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/10	12/9/10 22:57	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	67.4	30-130		12/9/10 22:57
Phenol-d6	60.2	30-130		12/9/10 22:57
Nitrobenzene-d5	57.4	30-130		12/9/10 22:57
2-Fluorobiphenyl	67.7	30-130		12/9/10 22:57
2,4,6-Tribromophenol	68.8	30-130		12/9/10 22:57
Terphenyl-d14	75.9	30-130		12/9/10 22:57

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0194

Date Received: 12/7/2010

Field Sample #: GDC-SB-114 (12-14) Sampled: 12/7/2010 15:27

Sample ID: 10L0194-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010B	12/8/10	12/9/10 14:04	OP
Lead	2.8	0.79	mg/Kg dry	1		SW-846 6010B	12/8/10	12/9/10 14:04	OP
Mercury	ND	0.011	mg/Kg dry	1		SW-846 7471A	12/8/10	12/8/10 15:01	CWB

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0194

Date Received: 12/7/2010

Field Sample #: GDC-SB-114 (12-14) Sampled: 12/7/2010 15:27

Sample ID: 10L0194-04

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	96.8		% Wt	1		SM 2540G	12/8/10	12/8/10 19:53	AKW

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0194

Date Received: 12/7/2010

Field Sample #: GDC-SB-114 (12-14) Sampled: 12/7/2010 15:27

Sample ID: 10L0194-04

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.010	mg/L	1		SW-846 6010B	12/9/10	12/9/10 18:29	OP
Lead	ND	0.010	mg/L	1		SW-846 6010B	12/9/10	12/9/10 18:29	OP
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/9/10	12/9/10 15:18	CWB

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0194

Date Received: 12/7/2010

Field Sample #: TB20101207 | Sampled: 12/7/2010 14:40

Sample ID: 10L0194-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	mg/Kg wet	1	V-16	SW-846 8260B	12/8/10	12/8/10 10:52	MFF
Acrylonitrile	ND	0.0060	mg/Kg wet	1	V-16	SW-846 8260B	12/8/10	12/8/10 10:52	MFF
Benzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
Bromobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
Bromodichloromethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
Bromoform	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
Bromomethane	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
2-Butanone (MEK)	ND	0.040	mg/Kg wet	1	V-16	SW-846 8260B	12/8/10	12/8/10 10:52	MFF
n-Butylbenzene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
sec-Butylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
tert-Butylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
Carbon Disulfide	ND	0.0060	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
Carbon Tetrachloride	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
Chlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
Chlorodibromomethane	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
Chloroethane	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
Chloroform	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
Chloromethane	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
Dibromomethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet	1	L-03	SW-846 8260B	12/8/10	12/8/10 10:52	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
cis-1,3-Dichloropropene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
trans-1,3-Dichloropropene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
Ethylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
2-Hexanone (MBK)	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
Isopropylbenzene (Cumene)	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0194

Date Received: 12/7/2010

Field Sample #: TB20101207 | Sampled: 12/7/2010 14:40

Sample ID: 10L0194-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
Methylene Chloride	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
Naphthalene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
n-Propylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
Styrene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
Tetrachloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
Tetrahydrofuran	ND	0.010	mg/Kg wet	1	V-16	SW-846 8260B	12/8/10	12/8/10 10:52	MFF
Toluene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
Trichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
Vinyl Chloride	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
m+p Xylene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF
o-Xylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/8/10	12/8/10 10:52	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	109	70-130		12/8/10 10:52
Toluene-d8	95.7	70-130		12/8/10 10:52
4-Bromofluorobenzene	95.4	70-130		12/8/10 10:52

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Sample Extraction Data

Prep Method: SW-846 3546-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0194-01 [GDC-SB-110 (6-8)]	B023368	30.0	1.00	12/08/10
10L0194-02 [GDC-SB-111 (6-8)]	B023368	30.0	1.00	12/08/10

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
10L0194-01 [GDC-SB-110 (6-8)]	B023387	12/08/10
10L0194-02 [GDC-SB-111 (6-8)]	B023387	12/08/10
10L0194-03 [GDC-SB-113 (12-14)]	B023387	12/08/10
10L0194-04 [GDC-SB-114 (12-14)]	B023387	12/08/10

Prep Method: SW-846 3050B-SW-846 6010B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0194-03 [GDC-SB-113 (12-14)]	B023352	0.998	50.0	12/08/10

Prep Method: SW-846 3050B-SW-846 6010B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0194-04 [GDC-SB-114 (12-14)]	B023382	0.985	50.0	12/08/10

Prep Method: SW-846 3010A-SW-846 6010B **Leachates were extracted on 12/8/2010 per SW-846 1312 in Batch B023395**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0194-03 [GDC-SB-113 (12-14)]	B023411	50.0	50.0	12/09/10
10L0194-04 [GDC-SB-114 (12-14)]	B023411	50.0	50.0	12/09/10

Prep Method: SW-846 7470A Prep-SW-846 7470A **Leachates were extracted on 12/8/2010 per SW-846 1312 in Batch B023395**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0194-03 [GDC-SB-113 (12-14)]	B023409	6.00	6.00	12/09/10
10L0194-04 [GDC-SB-114 (12-14)]	B023409	6.00	6.00	12/09/10

Prep Method: SW-846 7471-SW-846 7471A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0194-03 [GDC-SB-113 (12-14)]	B023347	0.186	25.0	12/08/10
10L0194-04 [GDC-SB-114 (12-14)]	B023347	0.233	25.0	12/08/10

Prep Method: SW-846 5035-SW-846 8260B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0194-02 [GDC-SB-111 (6-8)]	B023377	6.50	10.0	12/08/10
10L0194-03 [GDC-SB-113 (12-14)]	B023377	4.90	10.0	12/08/10
10L0194-04 [GDC-SB-114 (12-14)]	B023377	3.70	10.0	12/08/10
10L0194-05 [TB20101207]	B023377	5.00	10.0	12/08/10

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Sample Extraction Data

Prep Method: SW-846 5035-SW-846 8260B

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
10L0194-01 [GDC-SB-110 (6-8)]	B023379	17.2	19.1	0.1	50	12/08/10
10L0194-01 [GDC-SB-110 (6-8)]	B023379	17.2	19.1	50	50	12/08/10

Prep Method: SW-846 3546-SW-846 8270C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0194-01 [GDC-SB-110 (6-8)]	B023370	30.1	1.00	12/08/10
10L0194-02 [GDC-SB-111 (6-8)]	B023370	30.0	1.00	12/08/10
10L0194-03 [GDC-SB-113 (12-14)]	B023370	30.0	1.00	12/08/10
10L0194-04 [GDC-SB-114 (12-14)]	B023370	30.0	1.00	12/08/10

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023377 - SW-846 5035										
Blank (B023377-BLK1)				Prepared & Analyzed: 12/08/10						
Acetone	ND	0.10	mg/Kg wet							V-16
Acrylonitrile	ND	0.0060	mg/Kg wet							V-16
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							V-16
n-Butylbenzene	ND	0.0040	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0040	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0040	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							L-03
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0020	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0040	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0040	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B023377 - SW-846 5035												
Blank (B023377-BLK1)				Prepared & Analyzed: 12/08/10								
Tetrachloroethylene	ND	0.0020	mg/Kg wet									
Tetrahydrofuran	ND	0.010	mg/Kg wet								V-16	
Toluene	ND	0.0020	mg/Kg wet									
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet									
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet									
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet									
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet									
Trichloroethylene	ND	0.0020	mg/Kg wet									
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet									
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet									
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet									
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet									
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet									
Vinyl Chloride	ND	0.010	mg/Kg wet									
m+p Xylene	ND	0.0040	mg/Kg wet									
o-Xylene	ND	0.0020	mg/Kg wet									
Surrogate: 1,2-Dichloroethane-d4	*0.0530*		mg/Kg wet	0.0500		106		70-130				
Surrogate: Toluene-d8	*0.0479*		mg/Kg wet	0.0500		95.8		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0491*		mg/Kg wet	0.0500		98.3		70-130				
LCS (B023377-BS1)				Prepared & Analyzed: 12/08/10								
Acetone	0.194	0.10	mg/Kg wet	0.200		97.0		70-130			V-16	†
Acrylonitrile	0.0162	0.0060	mg/Kg wet	0.0200		81.1		70-130			V-16	
Benzene	0.0176	0.0020	mg/Kg wet	0.0200		87.9		70-130				
Bromobenzene	0.0185	0.0020	mg/Kg wet	0.0200		92.5		70-130				
Bromodichloromethane	0.0184	0.0020	mg/Kg wet	0.0200		92.0		70-130				
Bromoform	0.0211	0.0020	mg/Kg wet	0.0200		106		70-130				
Bromomethane	0.0152	0.010	mg/Kg wet	0.0200		76.2		70-130				†
2-Butanone (MEK)	0.191	0.040	mg/Kg wet	0.200		95.3		70-130			V-16	†
n-Butylbenzene	0.0178	0.0040	mg/Kg wet	0.0200		89.0		70-130				
sec-Butylbenzene	0.0187	0.0020	mg/Kg wet	0.0200		93.3		70-130				
tert-Butylbenzene	0.0187	0.0020	mg/Kg wet	0.0200		93.4		70-130				†
Carbon Disulfide	0.183	0.0060	mg/Kg wet	0.200		91.6		70-130				
Carbon Tetrachloride	0.0177	0.0040	mg/Kg wet	0.0200		88.3		70-130				
Chlorobenzene	0.0185	0.0020	mg/Kg wet	0.0200		92.6		70-130				
Chlorodibromomethane	0.0170	0.0040	mg/Kg wet	0.0200		84.9		70-130				
Chloroethane	0.0177	0.020	mg/Kg wet	0.0200		88.5		70-130				
Chloroform	0.0184	0.0040	mg/Kg wet	0.0200		91.9		70-130				
Chloromethane	0.0159	0.010	mg/Kg wet	0.0200		79.7		70-130				
2-Chlorotoluene	0.0189	0.0020	mg/Kg wet	0.0200		94.4		70-130				
4-Chlorotoluene	0.0188	0.0020	mg/Kg wet	0.0200		94.0		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130				
1,2-Dibromoethane (EDB)	0.0177	0.0010	mg/Kg wet	0.0200		88.5		70-130				
Dibromomethane	0.0178	0.0020	mg/Kg wet	0.0200		89.2		70-130				
1,2-Dichlorobenzene	0.0194	0.0020	mg/Kg wet	0.0200		97.2		70-130				
1,3-Dichlorobenzene	0.0195	0.0020	mg/Kg wet	0.0200		97.5		70-130				
1,4-Dichlorobenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.6		70-130				
trans-1,4-Dichloro-2-butene	0.0203	0.0040	mg/Kg wet	0.0200		101		70-130				
Dichlorodifluoromethane (Freon 12)	0.0140	0.020	mg/Kg wet	0.0200		**69.9**	*	70-130			L-03	†
1,1-Dichloroethane	0.0170	0.0020	mg/Kg wet	0.0200		85.2		70-130				
1,2-Dichloroethane	0.0186	0.0020	mg/Kg wet	0.0200		92.8		70-130				
1,1-Dichloroethylene	0.0182	0.0040	mg/Kg wet	0.0200		90.9		70-130				

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B023377 - SW-846 5035												
LCS (B023377-BS1)				Prepared & Analyzed: 12/08/10								
cis-1,2-Dichloroethylene	0.0170	0.0020	mg/Kg wet	0.0200		85.2		70-130				
trans-1,2-Dichloroethylene	0.0177	0.0020	mg/Kg wet	0.0200		88.6		70-130				
1,2-Dichloropropane	0.0174	0.0020	mg/Kg wet	0.0200		86.8		70-130				
1,3-Dichloropropane	0.0178	0.0010	mg/Kg wet	0.0200		88.8		70-130				
2,2-Dichloropropane	0.0203	0.0020	mg/Kg wet	0.0200		102		70-130				
1,1-Dichloropropene	0.0171	0.0020	mg/Kg wet	0.0200		85.3		70-130				
cis-1,3-Dichloropropene	0.0183	0.0020	mg/Kg wet	0.0200		91.6		70-130				
trans-1,3-Dichloropropene	0.0174	0.0040	mg/Kg wet	0.0200		87.0		70-130				
Ethylbenzene	0.0185	0.0020	mg/Kg wet	0.0200		92.3		70-130				
Hexachlorobutadiene	0.0172	0.0020	mg/Kg wet	0.0200		86.0		70-130				
2-Hexanone (MBK)	0.171	0.020	mg/Kg wet	0.200		85.6		70-130				†
Isopropylbenzene (Cumene)	0.0172	0.0040	mg/Kg wet	0.0200		86.2		70-130				
p-Isopropyltoluene (p-Cymene)	0.0191	0.0020	mg/Kg wet	0.0200		95.6		70-130				
Methyl tert-Butyl Ether (MTBE)	0.0180	0.0040	mg/Kg wet	0.0200		89.9		70-130				
Methylene Chloride	0.0165	0.020	mg/Kg wet	0.0200		82.7		70-130				†
4-Methyl-2-pentanone (MIBK)	0.177	0.020	mg/Kg wet	0.200		88.4		70-130				†
Naphthalene	0.0172	0.0040	mg/Kg wet	0.0200		86.1		70-130				†
n-Propylbenzene	0.0185	0.0020	mg/Kg wet	0.0200		92.5		70-130				
Styrene	0.0180	0.0020	mg/Kg wet	0.0200		89.8		70-130				
1,1,1,2-Tetrachloroethane	0.0185	0.0020	mg/Kg wet	0.0200		92.6		70-130				
1,1,2,2-Tetrachloroethane	0.0173	0.0010	mg/Kg wet	0.0200		86.6		70-130				
Tetrachloroethylene	0.0176	0.0020	mg/Kg wet	0.0200		87.8		70-130				
Tetrahydrofuran	0.0297	0.010	mg/Kg wet	0.0200		**148**	*	70-130			L-01, V-16	
Toluene	0.0170	0.0020	mg/Kg wet	0.0200		84.8		70-130				
1,2,3-Trichlorobenzene	0.0160	0.0020	mg/Kg wet	0.0200		80.0		70-130				
1,2,4-Trichlorobenzene	0.0162	0.0020	mg/Kg wet	0.0200		80.8		70-130				
1,1,1-Trichloroethane	0.0183	0.0020	mg/Kg wet	0.0200		91.3		70-130				
1,1,2-Trichloroethane	0.0179	0.0020	mg/Kg wet	0.0200		89.3		70-130				
Trichloroethylene	0.0175	0.0020	mg/Kg wet	0.0200		87.7		70-130				
Trichlorofluoromethane (Freon 11)	0.0186	0.010	mg/Kg wet	0.0200		93.2		70-130				
1,2,3-Trichloropropane	0.0186	0.0020	mg/Kg wet	0.0200		92.8		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0194	0.010	mg/Kg wet	0.0200		97.2		70-130				
1,2,4-Trimethylbenzene	0.0189	0.0020	mg/Kg wet	0.0200		94.7		70-130				
1,3,5-Trimethylbenzene	0.0186	0.0020	mg/Kg wet	0.0200		93.0		70-130				
Vinyl Chloride	0.0164	0.010	mg/Kg wet	0.0200		81.8		70-130				†
m+p Xylene	0.0366	0.0040	mg/Kg wet	0.0400		91.6		70-130				
o-Xylene	0.0179	0.0020	mg/Kg wet	0.0200		89.3		70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0499*		mg/Kg wet	0.0500		99.8		70-130				
Surrogate: Toluene-d8	*0.0488*		mg/Kg wet	0.0500		97.7		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0500*		mg/Kg wet	0.0500		99.9		70-130				
Batch B023379 - SW-846 5035												
Blank (B023379-BLK1)				Prepared & Analyzed: 12/08/10								
Acetone	ND	2.5	mg/Kg wet								V-16	
Acrylonitrile	ND	0.25	mg/Kg wet									
Benzene	ND	0.050	mg/Kg wet									
Bromobenzene	ND	0.050	mg/Kg wet									
Bromodichloromethane	ND	0.050	mg/Kg wet									
Bromoform	ND	0.050	mg/Kg wet									
Bromomethane	ND	0.20	mg/Kg wet									
2-Butanone (MEK)	ND	1.0	mg/Kg wet									

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023379 - SW-846 5035										
Blank (B023379-BLK1)				Prepared & Analyzed: 12/08/10						
n-Butylbenzene	ND	0.050	mg/Kg wet							
sec-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butylbenzene	ND	0.050	mg/Kg wet							
Carbon Disulfide	ND	0.15	mg/Kg wet							
Carbon Tetrachloride	ND	0.050	mg/Kg wet							
Chlorobenzene	ND	0.050	mg/Kg wet							
Chlorodibromomethane	ND	0.025	mg/Kg wet							
Chloroethane	ND	0.10	mg/Kg wet							
Chloroform	ND	0.10	mg/Kg wet							
Chloromethane	ND	0.10	mg/Kg wet							
2-Chlorotoluene	ND	0.050	mg/Kg wet							
4-Chlorotoluene	ND	0.10	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.25	mg/Kg wet							V-05
1,2-Dibromoethane (EDB)	ND	0.025	mg/Kg wet							
Dibromomethane	ND	0.050	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.050	mg/Kg wet							V-05
1,3-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.050	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.10	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet							
1,1-Dichloroethane	ND	0.050	mg/Kg wet							
1,2-Dichloroethane	ND	0.050	mg/Kg wet							
1,1-Dichloroethylene	ND	0.050	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
1,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,3-Dichloropropane	ND	0.025	mg/Kg wet							
2,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,1-Dichloropropene	ND	0.10	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
Ethylbenzene	ND	0.050	mg/Kg wet							
Hexachlorobutadiene	ND	0.050	mg/Kg wet							
2-Hexanone (MBK)	ND	0.50	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.050	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.050	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet							
Methylene Chloride	ND	0.25	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.50	mg/Kg wet							
Naphthalene	ND	0.10	mg/Kg wet							
n-Propylbenzene	ND	0.10	mg/Kg wet							
Styrene	ND	0.050	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.050	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet							
Tetrachloroethylene	ND	0.050	mg/Kg wet							
Tetrahydrofuran	ND	0.50	mg/Kg wet							
Toluene	ND	0.050	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.25	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.050	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.050	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.050	mg/Kg wet							
Trichloroethylene	ND	0.050	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023379 - SW-846 5035											
Blank (B023379-BLK1)				Prepared & Analyzed: 12/08/10							
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet								
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.050	mg/Kg wet								
1,2,4-Trimethylbenzene	ND	0.050	mg/Kg wet								
1,3,5-Trimethylbenzene	ND	0.050	mg/Kg wet								
Vinyl Chloride	ND	0.10	mg/Kg wet								
m+p Xylene	ND	0.10	mg/Kg wet								
o-Xylene	ND	0.050	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0224*		mg/Kg wet	0.0250		89.6	70-130				
Surrogate: Toluene-d8	*0.0228*		mg/Kg wet	0.0250		91.2	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0255*		mg/Kg wet	0.0250		102	70-130				
LCS (B023379-BS1)				Prepared & Analyzed: 12/08/10							
Acetone	0.0767	0.050	mg/Kg wet	0.100		76.7	70-130			V-16	†
Acrylonitrile	0.00792	0.0050	mg/Kg wet	0.0100		79.2	70-130				
Benzene	0.00962	0.0010	mg/Kg wet	0.0100		96.2	70-130				
Bromobenzene	0.0105	0.0010	mg/Kg wet	0.0100		105	70-130				
Bromodichloromethane	0.00842	0.0010	mg/Kg wet	0.0100		84.2	70-130				
Bromoform	0.00812	0.0010	mg/Kg wet	0.0100		81.2	70-130				
Bromomethane	0.00960	0.0040	mg/Kg wet	0.0100		96.0	70-130				†
2-Butanone (MEK)	0.0926	0.020	mg/Kg wet	0.100		92.6	70-130				†
n-Butylbenzene	0.0116	0.0010	mg/Kg wet	0.0100		116	70-130				
sec-Butylbenzene	0.0112	0.0010	mg/Kg wet	0.0100		112	70-130				
tert-Butylbenzene	0.0110	0.0010	mg/Kg wet	0.0100		110	70-130				†
Carbon Disulfide	0.0876	0.0030	mg/Kg wet	0.100		87.6	70-130				
Carbon Tetrachloride	0.00930	0.0010	mg/Kg wet	0.0100		93.0	70-130				
Chlorobenzene	0.0108	0.0010	mg/Kg wet	0.0100		108	70-130				
Chlorodibromomethane	0.00942	0.00050	mg/Kg wet	0.0100		94.2	70-130				
Chloroethane	0.00874	0.0020	mg/Kg wet	0.0100		87.4	70-130				
Chloroform	0.0100	0.0020	mg/Kg wet	0.0100		100	70-130				
Chloromethane	0.00956	0.0020	mg/Kg wet	0.0100		95.6	70-130				
2-Chlorotoluene	0.0113	0.0010	mg/Kg wet	0.0100		113	70-130				
4-Chlorotoluene	0.0116	0.0020	mg/Kg wet	0.0100		116	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.00830	0.0050	mg/Kg wet	0.0100		83.0	70-130			V-05	
1,2-Dibromoethane (EDB)	0.0100	0.00050	mg/Kg wet	0.0100		100	70-130				
Dibromomethane	0.00932	0.0010	mg/Kg wet	0.0100		93.2	70-130				
1,2-Dichlorobenzene	0.0114	0.0010	mg/Kg wet	0.0100		114	70-130			V-05	
1,3-Dichlorobenzene	0.0112	0.0010	mg/Kg wet	0.0100		112	70-130				
1,4-Dichlorobenzene	0.0114	0.0010	mg/Kg wet	0.0100		114	70-130				
trans-1,4-Dichloro-2-butene	0.0110	0.0020	mg/Kg wet	0.0100		110	70-130				
Dichlorodifluoromethane (Freon 12)	0.0112	0.0020	mg/Kg wet	0.0100		112	70-130				†
1,1-Dichloroethane	0.00822	0.0010	mg/Kg wet	0.0100		82.2	70-130				
1,2-Dichloroethane	0.0108	0.0010	mg/Kg wet	0.0100		108	70-130				
1,1-Dichloroethylene	0.00813	0.0010	mg/Kg wet	0.0100		81.3	70-130				
cis-1,2-Dichloroethylene	0.00946	0.0010	mg/Kg wet	0.0100		94.6	70-130				
trans-1,2-Dichloroethylene	0.00802	0.0010	mg/Kg wet	0.0100		80.2	70-130				
1,2-Dichloropropane	0.0101	0.0010	mg/Kg wet	0.0100		101	70-130				
1,3-Dichloropropane	0.0103	0.00050	mg/Kg wet	0.0100		103	70-130				
2,2-Dichloropropane	0.0100	0.0010	mg/Kg wet	0.0100		100	70-130				
1,1-Dichloropropene	0.00961	0.0020	mg/Kg wet	0.0100		96.1	70-130				
cis-1,3-Dichloropropene	0.00971	0.00050	mg/Kg wet	0.0100		97.1	70-130				
trans-1,3-Dichloropropene	0.00947	0.00050	mg/Kg wet	0.0100		94.7	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023379 - SW-846 5035										
LCS (B023379-BS1)				Prepared & Analyzed: 12/08/10						
Ethylbenzene	0.0110	0.0010	mg/Kg wet	0.0100		110	70-130			
Hexachlorobutadiene	0.0130	0.0010	mg/Kg wet	0.0100		130	70-130			
2-Hexanone (MBK)	0.101	0.010	mg/Kg wet	0.100		101	70-130			†
Isopropylbenzene (Cumene)	0.00960	0.0010	mg/Kg wet	0.0100		96.0	70-130			
p-Isopropyltoluene (p-Cymene)	0.0108	0.0010	mg/Kg wet	0.0100		108	70-130			
Methyl tert-Butyl Ether (MTBE)	0.00892	0.0010	mg/Kg wet	0.0100		89.2	70-130			
Methylene Chloride	0.00832	0.0050	mg/Kg wet	0.0100		83.2	70-130			†
4-Methyl-2-pentanone (MIBK)	0.0991	0.010	mg/Kg wet	0.100		99.1	70-130			†
Naphthalene	0.0121	0.0020	mg/Kg wet	0.0100		121	70-130			†
n-Propylbenzene	0.0110	0.0020	mg/Kg wet	0.0100		110	70-130			
Styrene	0.0102	0.0010	mg/Kg wet	0.0100		102	70-130			
1,1,1,2-Tetrachloroethane	0.00994	0.0010	mg/Kg wet	0.0100		99.4	70-130			
1,1,2,2-Tetrachloroethane	0.0116	0.00050	mg/Kg wet	0.0100		116	70-130			
Tetrachloroethylene	0.0104	0.0010	mg/Kg wet	0.0100		104	70-130			
Tetrahydrofuran	0.00926	0.010	mg/Kg wet	0.0100		92.6	70-130			
Toluene	0.00972	0.0010	mg/Kg wet	0.0100		97.2	70-130			
1,2,3-Trichlorobenzene	0.0127	0.0050	mg/Kg wet	0.0100		127	70-130			
1,2,4-Trichlorobenzene	0.0125	0.0010	mg/Kg wet	0.0100		125	70-130			
1,1,1-Trichloroethane	0.00982	0.0010	mg/Kg wet	0.0100		98.2	70-130			
1,1,2-Trichloroethane	0.0111	0.0010	mg/Kg wet	0.0100		111	70-130			
Trichloroethylene	0.00886	0.0010	mg/Kg wet	0.0100		88.6	70-130			
Trichlorofluoromethane (Freon 11)	0.00834	0.0020	mg/Kg wet	0.0100		83.4	70-130			
1,2,3-Trichloropropane	0.0114	0.0020	mg/Kg wet	0.0100		114	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.00891	0.0010	mg/Kg wet	0.0100		89.1	70-130			
1,2,4-Trimethylbenzene	0.0114	0.0010	mg/Kg wet	0.0100		114	70-130			
1,3,5-Trimethylbenzene	0.0102	0.0010	mg/Kg wet	0.0100		102	70-130			
Vinyl Chloride	0.00882	0.0020	mg/Kg wet	0.0100		88.2	70-130			†
m+p Xylene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130			
o-Xylene	0.0120	0.0010	mg/Kg wet	0.0100		120	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0224*		mg/Kg wet	0.0250		89.8	70-130			
Surrogate: Toluene-d8	*0.0239*		mg/Kg wet	0.0250		95.8	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0261*		mg/Kg wet	0.0250		104	70-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023370 - SW-846 3546										
Blank (B023370-BLK1)				Prepared: 12/08/10 Analyzed: 12/09/10						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							L-04
Anthracene	ND	0.17	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							L-04
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.66	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							L-04
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.66	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.66	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.66	mg/Kg wet							
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
2-Nitroaniline	ND	0.34	mg/Kg wet							
3-Nitroaniline	ND	0.34	mg/Kg wet							
4-Nitroaniline	ND	0.34	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B023370 - SW-846 3546												
Blank (B023370-BLK1)				Prepared: 12/08/10 Analyzed: 12/09/10								
4-Nitrophenol	ND	0.66	mg/Kg wet									
N-Nitrosodiphenylamine	ND	0.34	mg/Kg wet									
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet									
Pentachloronitrobenzene	ND	0.34	mg/Kg wet								V-16	
Pentachlorophenol	ND	0.34	mg/Kg wet									
Phenanthrene	ND	0.17	mg/Kg wet									
Phenol	ND	0.34	mg/Kg wet									
Pyrene	ND	0.17	mg/Kg wet									
Pyridine	ND	0.34	mg/Kg wet									
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet									
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet									
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet									
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet									
Surrogate: 2-Fluorophenol	*5.18*		mg/Kg wet	6.67		77.7		30-130				
Surrogate: Phenol-d6	*4.98*		mg/Kg wet	6.67		74.7		30-130				
Surrogate: Nitrobenzene-d5	*2.12*		mg/Kg wet	3.33		63.6		30-130				
Surrogate: 2-Fluorobiphenyl	*2.28*		mg/Kg wet	3.33		68.5		30-130				
Surrogate: 2,4,6-Tribromophenol	*6.74*		mg/Kg wet	6.67		101		30-130				
Surrogate: Terphenyl-d14	*3.46*		mg/Kg wet	3.33		104		30-130				
LCS (B023370-BS1)				Prepared: 12/08/10 Analyzed: 12/09/10								
Acenaphthene	1.11	0.17	mg/Kg wet	1.67		66.5		40-140				
Acenaphthylene	1.08	0.17	mg/Kg wet	1.67		65.1		40-140				
Aniline	0.585	0.34	mg/Kg wet	1.67		**35.1**	*	40-140			L-04	†
Anthracene	1.14	0.17	mg/Kg wet	1.67		68.4		40-140				
Benzo(a)anthracene	1.20	0.17	mg/Kg wet	1.67		72.3		40-140				
Benzo(a)pyrene	1.20	0.17	mg/Kg wet	1.67		72.2		40-140				
Benzo(b)fluoranthene	1.22	0.17	mg/Kg wet	1.67		73.0		40-140				
Benzo(g,h,i)perylene	1.33	0.17	mg/Kg wet	1.67		79.6		40-140				
Benzo(k)fluoranthene	1.19	0.17	mg/Kg wet	1.67		71.6		40-140				
Bis(2-chloroethoxy)methane	1.24	0.34	mg/Kg wet	1.67		74.7		40-140				
Bis(2-chloroethyl)ether	1.21	0.34	mg/Kg wet	1.67		72.4		40-140				
Bis(2-chloroisopropyl)ether	0.445	0.34	mg/Kg wet	1.67		**26.7**	*	40-140			L-04	
Bis(2-Ethylhexyl)phthalate	1.48	0.34	mg/Kg wet	1.67		88.8		40-140				
4-Bromophenylphenylether	1.59	0.34	mg/Kg wet	1.67		95.1		40-140				
Butylbenzylphthalate	1.46	0.66	mg/Kg wet	1.67		87.6		40-140				
Carbazole	1.06	0.17	mg/Kg wet	1.67		63.8		40-140				
4-Chloroaniline	0.426	0.66	mg/Kg wet	1.67		**25.5**	*	40-140			L-04	†
4-Chloro-3-methylphenol	1.08	0.66	mg/Kg wet	1.67		64.8		30-130				
2-Chloronaphthalene	1.20	0.34	mg/Kg wet	1.67		71.7		40-140				
2-Chlorophenol	1.23	0.34	mg/Kg wet	1.67		73.8		30-130				
4-Chlorophenylphenylether	1.42	0.34	mg/Kg wet	1.67		85.2		40-140				
Chrysene	1.16	0.17	mg/Kg wet	1.67		69.4		40-140				
Dibenz(a,h)anthracene	1.51	0.17	mg/Kg wet	1.67		90.6		40-140				
Dibenzofuran	1.33	0.34	mg/Kg wet	1.67		80.0		40-140				
Di-n-butylphthalate	1.33	0.34	mg/Kg wet	1.67		80.1		40-140				
3,3-Dichlorobenzidine	0.886	0.17	mg/Kg wet	1.67		53.2		40-140				†
2,4-Dichlorophenol	1.32	0.34	mg/Kg wet	1.67		79.3		30-130				
Diethylphthalate	1.29	0.34	mg/Kg wet	1.67		77.3		40-140				
2,4-Dimethylphenol	1.29	0.34	mg/Kg wet	1.67		77.5		30-130				
Dimethylphthalate	1.33	0.66	mg/Kg wet	1.67		79.6		40-140				
4,6-Dinitro-2-methylphenol	1.06	0.34	mg/Kg wet	1.67		63.7		30-130				

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B023370 - SW-846 3546												
LCS (B023370-BS1)				Prepared: 12/08/10 Analyzed: 12/09/10								
2,4-Dinitrophenol	0.785	0.66	mg/Kg wet	1.67		47.1		30-130				
2,4-Dinitrotoluene	1.29	0.34	mg/Kg wet	1.67		77.5		40-140				
2,6-Dinitrotoluene	1.38	0.34	mg/Kg wet	1.67		83.0		40-140				
Di-n-octylphthalate	1.56	0.66	mg/Kg wet	1.67		93.9		40-140				
Fluoranthene	0.994	0.17	mg/Kg wet	1.67		59.6		40-140				
Fluorene	1.14	0.17	mg/Kg wet	1.67		68.3		40-140				
Hexachlorobenzene	1.56	0.34	mg/Kg wet	1.67		93.4		40-140				
Hexachlorobutadiene	1.41	0.34	mg/Kg wet	1.67		84.4		40-140				
Hexachlorocyclopentadiene	1.04	0.66	mg/Kg wet	1.67		62.6		30-140				
Hexachloroethane	1.28	0.34	mg/Kg wet	1.67		76.6		40-140				
Indeno(1,2,3-cd)pyrene	1.55	0.17	mg/Kg wet	1.67		92.8		40-140				
Isophorone	1.12	0.34	mg/Kg wet	1.67		67.1		40-140				
2-Methylnaphthalene	1.10	0.17	mg/Kg wet	1.67		65.8		40-140				
2-Methylphenol	1.15	0.34	mg/Kg wet	1.67		68.7		30-130				
3/4-Methylphenol	1.08	0.34	mg/Kg wet	1.67		65.1		30-130				
Naphthalene	1.08	0.17	mg/Kg wet	1.67		64.9		40-140				
2-Nitroaniline	1.02	0.34	mg/Kg wet	1.67		61.5		40-140				
3-Nitroaniline	0.879	0.34	mg/Kg wet	1.67		52.7		40-140				†
4-Nitroaniline	1.13	0.34	mg/Kg wet	1.67		67.6		40-140				
Nitrobenzene	1.13	0.34	mg/Kg wet	1.67		67.6		40-140				
2-Nitrophenol	1.35	0.34	mg/Kg wet	1.67		80.8		30-130				
4-Nitrophenol	1.01	0.66	mg/Kg wet	1.67		60.5		10-130				
N-Nitrosodiphenylamine	1.71	0.34	mg/Kg wet	1.67		102		40-140				
N-Nitrosodi-n-propylamine	1.05	0.34	mg/Kg wet	1.67		62.9		40-140				
Pentachloronitrobenzene	0.848	0.34	mg/Kg wet	0.833		102		40-140			V-16	
Pentachlorophenol	0.578	0.34	mg/Kg wet	1.67		34.7		30-130				
Phenanthrene	1.14	0.17	mg/Kg wet	1.67		68.2		40-140				
Phenol	1.16	0.34	mg/Kg wet	1.67		69.6		20-130				
Pyrene	1.18	0.17	mg/Kg wet	1.67		70.7		40-140				
Pyridine	1.22	0.34	mg/Kg wet	1.67		72.9		10-140				†
1,2,4,5-Tetrachlorobenzene	0.752	0.34	mg/Kg wet	0.833		90.2		40-140				
1,2,4-Trichlorobenzene	1.47	0.34	mg/Kg wet	1.67		88.3		40-140				
2,4,5-Trichlorophenol	1.41	0.34	mg/Kg wet	1.67		84.8		30-130				
2,4,6-Trichlorophenol	1.38	0.34	mg/Kg wet	1.67		83.0		30-130				
Surrogate: 2-Fluorophenol	*4.74*		mg/Kg wet	6.67		71.1		30-130				
Surrogate: Phenol-d6	*4.39*		mg/Kg wet	6.67		65.9		30-130				
Surrogate: Nitrobenzene-d5	*2.27*		mg/Kg wet	3.33		68.2		30-130				
Surrogate: 2-Fluorobiphenyl	*2.69*		mg/Kg wet	3.33		80.8		30-130				
Surrogate: 2,4,6-Tribromophenol	*6.18*		mg/Kg wet	6.67		92.7		30-130				
Surrogate: Terphenyl-d14	*2.88*		mg/Kg wet	3.33		86.3		30-130				
LCS Dup (B023370-BSD1)				Prepared: 12/08/10 Analyzed: 12/09/10								
Acenaphthene	1.11	0.17	mg/Kg wet	1.67		66.5		40-140	0.00	20		
Acenaphthylene	1.09	0.17	mg/Kg wet	1.67		65.2		40-140	0.215	20		
Aniline	0.565	0.34	mg/Kg wet	1.67		**33.9**	*	40-140	3.42	50	L-04	† ‡
Anthracene	1.16	0.17	mg/Kg wet	1.67		69.6		40-140	1.65	20		
Benzo(a)anthracene	1.23	0.17	mg/Kg wet	1.67		73.8		40-140	2.05	20		
Benzo(a)pyrene	1.19	0.17	mg/Kg wet	1.67		71.2		40-140	1.48	20		
Benzo(b)fluoranthene	1.16	0.17	mg/Kg wet	1.67		69.8		40-140	4.48	20		
Benzo(g,h,i)perylene	1.29	0.17	mg/Kg wet	1.67		77.1		40-140	3.19	20		
Benzo(k)fluoranthene	1.17	0.17	mg/Kg wet	1.67		70.1		40-140	2.12	20		
Bis(2-chloroethoxy)methane	1.25	0.34	mg/Kg wet	1.67		75.3		40-140	0.773	20		

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B023370 - SW-846 3546												
LCS Dup (B023370-BSD1)				Prepared: 12/08/10 Analyzed: 12/09/10								
Bis(2-chloroethyl)ether	1.20	0.34	mg/Kg wet	1.67		72.2		40-140	0.277	20		
Bis(2-chloroisopropyl)ether	0.433	0.34	mg/Kg wet	1.67		**26.0**	*	40-140	2.58	20	L-04	
Bis(2-Ethylhexyl)phthalate	1.47	0.34	mg/Kg wet	1.67		88.0		40-140	0.950	20		
4-Bromophenylphenylether	1.48	0.34	mg/Kg wet	1.67		88.9		40-140	6.83	20		
Butylbenzylphthalate	1.44	0.66	mg/Kg wet	1.67		86.3		40-140	1.52	20		
Carbazole	1.19	0.17	mg/Kg wet	1.67		71.3		40-140	11.2	20		
4-Chloroaniline	0.495	0.66	mg/Kg wet	1.67		**29.7**	*	40-140	15.0	20	L-04	†
4-Chloro-3-methylphenol	1.13	0.66	mg/Kg wet	1.67		67.8		30-130	4.55	20		
2-Chloronaphthalene	1.20	0.34	mg/Kg wet	1.67		71.8		40-140	0.139	20		
2-Chlorophenol	1.23	0.34	mg/Kg wet	1.67		73.9		30-130	0.0813	20		
4-Chlorophenylphenylether	1.42	0.34	mg/Kg wet	1.67		85.1		40-140	0.117	20		
Chrysene	1.17	0.17	mg/Kg wet	1.67		70.2		40-140	1.06	20		
Dibenz(a,h)anthracene	1.35	0.17	mg/Kg wet	1.67		80.8		40-140	11.5	20		
Dibenzofuran	1.35	0.34	mg/Kg wet	1.67		81.2		40-140	1.44	20		
Di-n-butylphthalate	1.40	0.34	mg/Kg wet	1.67		84.0		40-140	4.85	20		
3,3-Dichlorobenzidine	0.862	0.17	mg/Kg wet	1.67		51.7		40-140	2.78	20		† ‡
2,4-Dichlorophenol	1.35	0.34	mg/Kg wet	1.67		81.2		30-130	2.47	20		
Diethylphthalate	1.33	0.34	mg/Kg wet	1.67		80.0		40-140	3.46	20		
2,4-Dimethylphenol	1.31	0.34	mg/Kg wet	1.67		78.6		30-130	1.36	20		
Dimethylphthalate	1.37	0.66	mg/Kg wet	1.67		81.9		40-140	2.90	50		
4,6-Dinitro-2-methylphenol	1.08	0.34	mg/Kg wet	1.67		65.0		30-130	1.99	50		
2,4-Dinitrophenol	0.825	0.66	mg/Kg wet	1.67		49.5		30-130	5.01	50		
2,4-Dinitrotoluene	1.35	0.34	mg/Kg wet	1.67		80.8		40-140	4.22	20		
2,6-Dinitrotoluene	1.40	0.34	mg/Kg wet	1.67		84.2		40-140	1.44	20		
Di-n-octylphthalate	1.47	0.66	mg/Kg wet	1.67		88.1		40-140	6.31	20		
Fluoranthene	1.18	0.17	mg/Kg wet	1.67		70.9		40-140	17.3	20		
Fluorene	1.15	0.17	mg/Kg wet	1.67		69.1		40-140	1.19	20		
Hexachlorobenzene	1.49	0.34	mg/Kg wet	1.67		89.6		40-140	4.15	20		
Hexachlorobutadiene	1.36	0.34	mg/Kg wet	1.67		81.3		40-140	3.72	20		
Hexachlorocyclopentadiene	0.924	0.66	mg/Kg wet	1.67		55.4		30-140	12.2	50		
Hexachloroethane	1.25	0.34	mg/Kg wet	1.67		74.9		40-140	2.24	50		
Indeno(1,2,3-cd)pyrene	1.43	0.17	mg/Kg wet	1.67		85.9		40-140	7.68	50		
Isophorone	1.13	0.34	mg/Kg wet	1.67		67.6		40-140	0.861	20		
2-Methylnaphthalene	1.12	0.17	mg/Kg wet	1.67		66.9		40-140	1.63	20		
2-Methylphenol	1.12	0.34	mg/Kg wet	1.67		67.4		30-130	1.94	20		
3/4-Methylphenol	1.16	0.34	mg/Kg wet	1.67		69.6		30-130	6.71	20		
Naphthalene	1.07	0.17	mg/Kg wet	1.67		64.3		40-140	1.05	20		
2-Nitroaniline	1.07	0.34	mg/Kg wet	1.67		64.1		40-140	4.24	20		
3-Nitroaniline	0.946	0.34	mg/Kg wet	1.67		56.7		40-140	7.31	20		†
4-Nitroaniline	1.32	0.34	mg/Kg wet	1.67		79.2		40-140	15.8	20		
Nitrobenzene	1.07	0.34	mg/Kg wet	1.67		64.0		40-140	5.41	20		
2-Nitrophenol	1.34	0.34	mg/Kg wet	1.67		80.6		30-130	0.248	20		
4-Nitrophenol	1.11	0.66	mg/Kg wet	1.67		66.6		10-130	9.59	50		‡
N-Nitrosodiphenylamine	1.60	0.34	mg/Kg wet	1.67		95.9		40-140	6.52	20		
N-Nitrosodi-n-propylamine	1.07	0.34	mg/Kg wet	1.67		64.0		40-140	1.67	20		
Pentachloronitrobenzene	0.840	0.34	mg/Kg wet	0.833		101		40-140	0.948	20	V-16	
Pentachlorophenol	0.572	0.34	mg/Kg wet	1.67		34.3		30-130	0.986	50		
Phenanthrene	1.14	0.17	mg/Kg wet	1.67		68.4		40-140	0.351	20		
Phenol	1.18	0.34	mg/Kg wet	1.67		70.6		20-130	1.45	20		
Pyrene	1.09	0.17	mg/Kg wet	1.67		65.5		40-140	7.63	20		
Pyridine	1.13	0.34	mg/Kg wet	1.67		68.0		10-140	6.96	50		†
1,2,4,5-Tetrachlorobenzene	0.742	0.34	mg/Kg wet	0.833		89.0		40-140	1.38	20		

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023370 - SW-846 3546										
LCS Dup (B023370-BSD1)				Prepared: 12/08/10 Analyzed: 12/09/10						
1,2,4-Trichlorobenzene	1.44	0.34	mg/Kg wet	1.67		86.5	40-140	1.99	20	
2,4,5-Trichlorophenol	1.41	0.34	mg/Kg wet	1.67		84.4	30-130	0.449	20	
2,4,6-Trichlorophenol	1.38	0.34	mg/Kg wet	1.67		82.6	30-130	0.459	50	
Surrogate: 2-Fluorophenol	*4.67*		mg/Kg wet	6.67		70.0	30-130			
Surrogate: Phenol-d6	*4.46*		mg/Kg wet	6.67		66.8	30-130			
Surrogate: Nitrobenzene-d5	*2.19*		mg/Kg wet	3.33		65.6	30-130			
Surrogate: 2-Fluorobiphenyl	*2.67*		mg/Kg wet	3.33		80.0	30-130			
Surrogate: 2,4,6-Tribromophenol	*6.48*		mg/Kg wet	6.67		97.2	30-130			
Surrogate: Terphenyl-d14	*2.73*		mg/Kg wet	3.33		82.0	30-130			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023368 - SW-846 3546										
Blank (B023368-BLK1)				Prepared: 12/08/10 Analyzed: 12/09/10						
CT ETPH	ND	10	mg/Kg wet							
Surrogate: o-Terphenyl	*2.66*		mg/Kg wet	3.33		79.9	50-150			
LCS (B023368-BS1)				Prepared: 12/08/10 Analyzed: 12/09/10						
CT ETPH	23.5	10	mg/Kg wet	33.3		70.4	60-120			
Surrogate: o-Terphenyl	*2.58*		mg/Kg wet	3.33		77.4	50-150			
LCS Dup (B023368-BSD1)				Prepared: 12/08/10 Analyzed: 12/09/10						
CT ETPH	23.8	10	mg/Kg wet	33.3		71.5	60-120	1.50	30	
Surrogate: o-Terphenyl	*2.58*		mg/Kg wet	3.33		77.4	50-150			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023347 - SW-846 7471										
Blank (B023347-BLK1)				Prepared & Analyzed: 12/08/10						
Mercury	ND	0.025	mg/Kg wet							
LCS (B023347-BS1)				Prepared & Analyzed: 12/08/10						
Mercury	1.18	0.031	mg/Kg wet	1.25		94.1	66-132			
LCS Dup (B023347-BSD1)				Prepared & Analyzed: 12/08/10						
Mercury	1.11	0.031	mg/Kg wet	1.25		89.0	66-132	5.53	30	
Batch B023352 - SW-846 3050B										
Blank (B023352-BLK1)				Prepared: 12/08/10 Analyzed: 12/09/10						
Arsenic	ND	2.5	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
LCS (B023352-BS1)				Prepared: 12/08/10 Analyzed: 12/09/10						
Arsenic	93.8	5.1	mg/Kg wet	107		87.7	81.6-118.4			
Lead	109	1.5	mg/Kg wet	107		102	79.1-120.3			
LCS (B023352-BS2)				Prepared: 12/08/10 Analyzed: 12/09/10						
Lead	0.754	0.77	mg/Kg wet	0.773		97.6	80-120			
LCS Dup (B023352-BSD1)				Prepared: 12/08/10 Analyzed: 12/09/10						
Arsenic	94.1	5.1	mg/Kg wet	107		87.9	81.6-118.4	0.271	30	
Lead	94.3	1.5	mg/Kg wet	107		88.1	79.1-120.3	14.5	30	
Batch B023382 - SW-846 3050B										
Blank (B023382-BLK1)				Prepared: 12/08/10 Analyzed: 12/09/10						
Arsenic	ND	2.5	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
LCS (B023382-BS1)				Prepared: 12/08/10 Analyzed: 12/09/10						
Arsenic	94.4	5.0	mg/Kg wet	107		88.2	81.6-118.4			
Lead	98.4	1.5	mg/Kg wet	107		92.0	79.1-120.3			
LCS (B023382-BS2)				Prepared: 12/08/10 Analyzed: 12/09/10						
Lead	0.699	0.70	mg/Kg wet	0.703		99.4	80-120			
LCS Dup (B023382-BSD1)				Prepared: 12/08/10 Analyzed: 12/09/10						
Arsenic	93.4	5.1	mg/Kg wet	107		87.3	81.6-118.4	1.06	30	
Lead	121	1.5	mg/Kg wet	107		113	79.1-120.3	20.8	30	

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QUALITY CONTROL

SPLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023409 - SW-846 7470A Prep										
Blank (B023409-BLK1)				Prepared & Analyzed: 12/09/10						
Mercury	ND	0.00010	mg/L							
LCS (B023409-BS1)				Prepared & Analyzed: 12/09/10						
Mercury	0.00213	0.00010	mg/L	0.00200		106	80-120			
LCS Dup (B023409-BSD1)				Prepared & Analyzed: 12/09/10						
Mercury	0.00212	0.00010	mg/L	0.00200		106	80-120	0.486	20	
Batch B023411 - SW-846 3010A										
Blank (B023411-BLK1)				Prepared & Analyzed: 12/09/10						
Arsenic	ND	0.010	mg/L							
Lead	ND	0.010	mg/L							
LCS (B023411-BS1)				Prepared & Analyzed: 12/09/10						
Arsenic	0.489	0.010	mg/L	0.500		97.8	80-120			
Lead	0.501	0.010	mg/L	0.500		100	80-120			
LCS Dup (B023411-BSD1)				Prepared & Analyzed: 12/09/10						
Arsenic	0.493	0.010	mg/L	0.500		98.7	80-120	0.932	20	
Lead	0.505	0.010	mg/L	0.500		101	80-120	0.758	20	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-01	Laboratory fortified blank /laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.
L-03	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
RL-02	Elevated reporting limit due to high concentration of non-target compounds. Requested detection limit not met.
V-04	Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Soil	
CT ETPH	CT
SW-846 6010B in Soil	
Arsenic	CT,NH,NY
Lead	CT,NH,NY,AIHA
SW-846 7471A in Soil	
Mercury	CT,NH,NY
SW-846 8260B in Soil	
Acetone	CT,NH,NY,NC
Acetone	CT,NH,NY,NC
Acrylonitrile	CT,NH,NY,NC
Acrylonitrile	CT,NH,NY,NC
Benzene	CT,NH,NY,NC
Benzene	CT,NH,NY,NC
Bromobenzene	NH,NY,NC
Bromobenzene	NH,NY,NC
Bromodichloromethane	CT,NH,NY,NC
Bromodichloromethane	CT,NH,NY,NC
Bromoform	CT,NH,NY,NC
Bromoform	CT,NH,NY,NC
Bromomethane	CT,NH,NY,NC
Bromomethane	CT,NH,NY,NC
2-Butanone (MEK)	CT,NH,NY,NC
2-Butanone (MEK)	CT,NH,NY,NC
n-Butylbenzene	CT,NH,NY,NC
n-Butylbenzene	CT,NH,NY,NC
sec-Butylbenzene	CT,NH,NY,NC
sec-Butylbenzene	CT,NH,NY,NC
tert-Butylbenzene	CT,NH,NY,NC
tert-Butylbenzene	CT,NH,NY,NC
Carbon Disulfide	CT,NH,NY,NC
Carbon Disulfide	CT,NH,NY,NC
Carbon Tetrachloride	CT,NH,NY,NC
Carbon Tetrachloride	CT,NH,NY,NC
Chlorobenzene	CT,NH,NY,NC
Chlorobenzene	CT,NH,NY,NC
Chlorodibromomethane	CT,NH,NY,NC
Chlorodibromomethane	CT,NH,NY,NC
Chloroethane	CT,NH,NY,NC
Chloroethane	CT,NH,NY,NC
Chloroform	CT,NH,NY,NC
Chloroform	CT,NH,NY,NC
Chloromethane	CT,NH,NY,NC
Chloromethane	CT,NH,NY,NC
2-Chlorotoluene	CT,NH,NY,NC
2-Chlorotoluene	CT,NH,NY,NC
4-Chlorotoluene	CT,NH,NY,NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Soil	
4-Chlorotoluene	CT,NH,NY,NC
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC
1,2-Dibromoethane (EDB)	NC
Dibromomethane	NH,NY,NC
Dibromomethane	NH,NY,NC
1,2-Dichlorobenzene	CT,NH,NY,NC
1,2-Dichlorobenzene	CT,NH,NY,NC
1,3-Dichlorobenzene	CT,NH,NY,NC
1,3-Dichlorobenzene	CT,NH,NY,NC
1,4-Dichlorobenzene	CT,NH,NY,NC
1,4-Dichlorobenzene	CT,NH,NY,NC
trans-1,4-Dichloro-2-butene	NC
trans-1,4-Dichloro-2-butene	NC
Dichlorodifluoromethane (Freon 12)	NY,NC
Dichlorodifluoromethane (Freon 12)	NY,NC
1,1-Dichloroethane	CT,NH,NY,NC
1,1-Dichloroethane	CT,NH,NY,NC
1,2-Dichloroethane	CT,NH,NY,NC
1,2-Dichloroethane	CT,NH,NY,NC
1,1-Dichloroethylene	CT,NH,NY,NC
1,1-Dichloroethylene	CT,NH,NY,NC
cis-1,2-Dichloroethylene	CT,NH,NY,NC
cis-1,2-Dichloroethylene	CT,NH,NY,NC
trans-1,2-Dichloroethylene	CT,NH,NY,NC
trans-1,2-Dichloroethylene	CT,NH,NY,NC
1,2-Dichloropropane	CT,NH,NY,NC
1,2-Dichloropropane	CT,NH,NY,NC
1,3-Dichloropropane	NH,NY,NC
1,3-Dichloropropane	NH,NY,NC
2,2-Dichloropropane	NH,NY,NC
2,2-Dichloropropane	NH,NY,NC
1,1-Dichloropropene	NH,NY,NC
1,1-Dichloropropene	NH,NY,NC
cis-1,3-Dichloropropene	CT,NH,NY,NC
cis-1,3-Dichloropropene	CT,NH,NY,NC
trans-1,3-Dichloropropene	CT,NH,NY,NC
trans-1,3-Dichloropropene	CT,NH,NY,NC
Ethylbenzene	CT,NH,NY,NC
Ethylbenzene	CT,NH,NY,NC
Hexachlorobutadiene	NH,NY,NC
Hexachlorobutadiene	NH,NY,NC
2-Hexanone (MBK)	CT,NH,NY,NC
2-Hexanone (MBK)	CT,NH,NY,NC
Isopropylbenzene (Cumene)	CT,NH,NY,NC
Isopropylbenzene (Cumene)	CT,NH,NY,NC

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Soil	
p-Isopropyltoluene (p-Cymene)	NC
p-Isopropyltoluene (p-Cymene)	NC
Methyl tert-Butyl Ether (MTBE)	NC
Methyl tert-Butyl Ether (MTBE)	NC
Methylene Chloride	CT,NH,NY,NC
Methylene Chloride	CT,NH,NY,NC
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC
Naphthalene	NH,NY,NC
Naphthalene	NH,NY,NC
n-Propylbenzene	NC
n-Propylbenzene	NC
Styrene	CT,NH,NY,NC
Styrene	CT,NH,NY,NC
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC
Tetrachloroethylene	CT,NH,NY,NC
Tetrachloroethylene	CT,NH,NY,NC
Tetrahydrofuran	NC
Tetrahydrofuran	NC
Toluene	CT,NH,NY,NC
Toluene	CT,NH,NY,NC
1,2,3-Trichlorobenzene	NC
1,2,3-Trichlorobenzene	NC
1,2,4-Trichlorobenzene	NH,NY,NC
1,2,4-Trichlorobenzene	NH,NY,NC
1,1,1-Trichloroethane	CT,NH,NY,NC
1,1,1-Trichloroethane	CT,NH,NY,NC
1,1,2-Trichloroethane	CT,NH,NY,NC
1,1,2-Trichloroethane	CT,NH,NY,NC
Trichloroethylene	CT,NH,NY,NC
Trichloroethylene	CT,NH,NY,NC
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC
1,2,3-Trichloropropane	NH,NY,NC
1,2,3-Trichloropropane	NH,NY,NC
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC
1,2,4-Trimethylbenzene	CT,NH,NY,NC
1,2,4-Trimethylbenzene	CT,NH,NY,NC
1,3,5-Trimethylbenzene	CT,NH,NY,NC
1,3,5-Trimethylbenzene	CT,NH,NY,NC
Vinyl Chloride	CT,NH,NY,NC
Vinyl Chloride	CT,NH,NY,NC
m+p Xylene	CT,NH,NY,NC

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Soil	
m+p Xylene	CT,NH,NY,NC
o-Xylene	CT,NH,NY,NC
o-Xylene	CT,NH,NY,NC
SW-846 8270C in Soil	
Acenaphthene	CT,NY,NH
Acenaphthylene	CT,NY,NH
Aniline	NY,NH
Anthracene	CT,NY,NH
Benzo(a)anthracene	CT,NY,NH
Benzo(a)pyrene	CT,NY,NH
Benzo(b)fluoranthene	CT,NY,NH
Benzo(g,h,i)perylene	CT,NY,NH
Benzo(k)fluoranthene	CT,NY,NH
Bis(2-chloroethoxy)methane	CT,NY,NH
Bis(2-chloroethyl)ether	CT,NY,NH
Bis(2-chloroisopropyl)ether	CT,NY,NH
Bis(2-Ethylhexyl)phthalate	CT,NY,NH
4-Bromophenylphenylether	CT,NY,NH
Butylbenzylphthalate	CT,NY,NH
4-Chloroaniline	CT,NY,NH
4-Chloro-3-methylphenol	CT,NY,NH
2-Chloronaphthalene	CT,NY,NH
2-Chlorophenol	CT,NY,NH
4-Chlorophenylphenylether	CT,NY,NH
Chrysene	CT,NY,NH
Dibenz(a,h)anthracene	CT,NY,NH
Dibenzofuran	CT,NY,NH
Di-n-butylphthalate	CT,NY,NH
1,2-Dichlorobenzene	NY,NH
1,3-Dichlorobenzene	NY,NH
1,4-Dichlorobenzene	NY,NH
3,3-Dichlorobenzidine	CT,NY,NH
2,4-Dichlorophenol	CT,NY,NH
Diethylphthalate	CT,NY,NH
2,4-Dimethylphenol	CT,NY,NH
Dimethylphthalate	CT,NY,NH
4,6-Dinitro-2-methylphenol	CT,NY,NH
2,4-Dinitrophenol	CT,NY,NH
2,4-Dinitrotoluene	CT,NY,NH
2,6-Dinitrotoluene	CT,NY,NH
Di-n-octylphthalate	CT,NY,NH
Fluoranthene	CT,NY,NH
Fluorene	NY,NH
Hexachlorobenzene	CT,NY,NH
Hexachlorobutadiene	CT,NY,NH
Hexachlorocyclopentadiene	CT,NY,NH

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270C in Soil	
Hexachloroethane	CT,NY,NH
Indeno(1,2,3-cd)pyrene	CT,NY,NH
Isophorone	CT,NY,NH
2-Methylnaphthalene	CT,NY,NH
2-Methylphenol	CT,NY,NH
3/4-Methylphenol	CT,NY,NH
Naphthalene	CT,NY,NH
2-Nitroaniline	CT,NY,NH
3-Nitroaniline	CT,NY,NH
4-Nitroaniline	CT,NY,NH
Nitrobenzene	CT,NY,NH
2-Nitrophenol	CT,NY,NH
4-Nitrophenol	CT,NY,NH
N-Nitrosodiphenylamine	CT,NY,NH
N-Nitrosodi-n-propylamine	CT,NY,NH
Pentachlorophenol	CT,NY,NH
Phenanthrene	CT,NY,NH
Phenol	CT,NY,NH
Pyrene	CT,NY,NH
Pyridine	CT,NY,NH
1,2,4-Trichlorobenzene	CT,NY,NH
2,4,5-Trichlorophenol	CT,NY,NH
2,4,6-Trichlorophenol	CT,NY,NH

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

10L0194

Page 1 of 1

Company Name: AKRF
Address: 760 Main Street - Suite C, Willimantic, CT 06226
Attention: Glen Stefaniak
Project Location: 6 Rubber Ave, Naugatuck
Sampled By: Steve Crews

Telephone: 646 388-9602
Project #: 91065
Client PO#:

DATA DELIVERY (check all that apply)
○ FAX ⊗ EMAIL ○ WEBSITE
Fax #:
Email: gstefan@akrfkrf.com
Format: ⊗ PDF ○ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

ANALYSIS REQUESTED

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	VOCs	SVOCs	ETPH	Total RCP 15 Metals	STLP RCP 15 Metals	TCLP's	Cyanide	# of Containers	** Preservation	***Container
-01	GDC-SB-110 (6-8)	12/7/10	1024		X	S	M	X	X	X							
-02	GDC-SB-111 (6-8)	12/7/10	1113		X	S	M	X	X	X							
-03	GDC-SB-113 (12-14)	12/7/10	1417		X	S	U	X	X		X	X					
-04	GDC-SB-114 (12-14)	12/7/10	1527		X	S	U	X	X		X	X					
-05	TB20101207	12/7/10	1440			O		X									

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other _____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other Trip Blank

Comments: 12-07-10 17:43 IN

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

	Date/Time:
Relinquished by: (signature)	12/7/10 1540
Received by: (signature)	12/7/10 34
Relinquished by: (signature)	12/7/10 5
Received by: (signature) 20°C	12/7/10 1925

Turnaround ††
☑ 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: CT RSR, RDEC, GWPMC
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. † THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT. TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE RESOLVED

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con-test ANALYTICAL LABORATORY

39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

Sample Receipt Checklist

CLIENT NAME: AKRF RECEIVED BY: TEC DATE: 12/7/10

1) Was the chain(s) of custody relinquished and signed? (Yes) No

2) Does the chain agree with the samples? (Yes) No
If not, explain:

3) Are all the samples in good condition? (Yes) No
If not, explain:

4) How were the samples received:
On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 2.0°C

5) Are there Dissolved samples for the lab to filter? Yes (No)
Who was notified _____ Date _____ Time _____

6) Are there any samples "On Hold"? Yes (No) Stored where: _____

7) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)
Who was notified _____ Date _____ Time _____

8) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature:

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	7
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below	15	SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
Flashpoint bottle		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments: 12-07-10 17:43 IN

40 mL vials: # HCl _____ # Methanol 5
Bisulfate _____ # DI Water 10
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Do all samples have the proper Acid pH: Yes No (N/A) _____

Do all samples have the proper Base pH: Yes No (N/A) _____

CT ETPH DISCRIMINATION CHECK

Date Acquired	12/9/10
Data File Name	A1209034.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.31	345315	376671	-8
c - 10	1.68	353845	376671	-6
c - 12	2.43	366523	376671	-3
c - 14	3.11	380672	376671	1
c - 16	3.72	392650	376671	4
c - 18	4.36	400619	376671	6
o-Terphenyl	4.65	422388	376671	
c - 20	4.96	397715	376671	6
c - 22	5.46	387151	376671	3
c - 24	5.90	395485	376671	5
c - 26	6.29	391818	376671	4
c - 28	6.66	386789	376671	3
c - 30	6.99	380923	376671	1
c - 32	7.31	369972	376671	-2
c - 34	7.61	356024	376671	-5
c - 36	7.99	344561	376671	-9

* One compound allowed %D </= 50%

Samples

10L0194-02
10L0171-05
10L0171-01
10L0171-06
10L0171-03

CT ETPH DISCRIMINATION CHECK

Date Acquired	12/10/10
Data File Name	A1210006.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.31	384637	412347	-7
c - 10	1.68	394207	412347	-4
c - 12	2.43	405208	412347	-2
c - 14	3.11	419466	412347	2
c - 16	3.72	430971	412347	5
c - 18	4.36	438033	412347	6
o-Terphenyl	4.65	462911	412347	
c - 20	4.96	435294	412347	6
c - 22	5.46	424008	412347	3
c - 24	5.90	433334	412347	5
c - 26	6.29	428028	412347	4
c - 28	6.66	421004	412347	2
c - 30	6.99	412980	412347	0
c - 32	7.31	400459	412347	-3
c - 34	7.61	385241	412347	-7
c - 36	7.99	372341	412347	-10

* One compound allowed %D </= 50%

Samples

10L0223-06
10L0223-07
10L0223-08
10L0194-01@10X

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: AKRF - WILLIMANTIC, CT

Project Location: 6 Rubber Ave., Naugatuck, CT

Project Number: 10L0194

Laboratory Sample ID(s):

10L0194-01 thru 10L0194-05

Sample Date(s):

12/07/2010

List RCP Methods Used:

CTDEP ETPH, SW-846 1312, SW-846 6010B, SW-846 7470A, SW-846 7471A, SW-846 8260B, SW-846 8270C

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ 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)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☐ Yes ☑ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

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: Michael A. Erickson **Date:** 12/14/10

Name of Laboratory: Con-Test Analytical Laboratory

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

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

December 15, 2010

Glen Stefaniak
AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226

Project Location: 6 Rubber Ave., Naugatuck
Client Job Number:
Project Number: 91065
Laboratory Work Order Number: 10L0264

Enclosed are results of analyses for samples received by the laboratory on December 8, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Susan M. Burney
Project Manager

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

AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226
ATTN: Glen Stefaniak

REPORT DATE: 12/15/2010

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 91065

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10L0264

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

PROJECT LOCATION: 6 Rubber Ave., Naugatuck

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GDC-Sump-1	10L0264-01	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010B	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW846 9014	
GDC-SB-116 (4-6)	10L0264-02	Soil		CTDEP ETPH	
				SM 2540G	
GDC-SB-117 (10-12)	10L0264-03	Soil		CTDEP ETPH	
				SM 2540G	
GDC-SB-118 (6-8)	10L0264-04	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8260B	
GDC-Sump-2	10L0264-05	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010B	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW846 9014	
GDC-SB-119 (2-4)	10L0264-06	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8260B	
GDC-Sump-3	10L0264-07	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010B	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW846 9014	

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AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226
ATTN: Glen Stefaniak

REPORT DATE: 12/15/2010

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 91065

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10L0264

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

PROJECT LOCATION: 6 Rubber Ave., Naugatuck

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GDC-Sump-4	10L0264-08	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010B	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW846 9014	
GDC-SB-120 (6-8)	10L0264-09	Soil		CTDEP ETPH	
				SM 2540G	
TB20101208	10L0264-10	Trip Blank Soil		SW-846 8260B	

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CASE NARRATIVE SUMMARY

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

SW-846 6010B

Qualifications:

Continuing calibration blank did not meet method specified criteria. Data is not affected since all associated samples were "Not Detected" even though CCB value was above the reporting limit.

Analyte & Samples(s) Qualified:

Silver

10L0264-01[GDC-Sump-1], 10L0264-05[GDC-Sump-2], 10L0264-08[GDC-Sump-4]

SW-846 8260B

Qualifications:

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

Analyte & Samples(s) Qualified:

2-Butanone (MEK), Acetone, Acrylonitrile, Tetrahydrofuran

10L0264-01[GDC-Sump-1], 10L0264-04[GDC-SB-118 (6-8)], 10L0264-05[GDC-Sump-2], 10L0264-06[GDC-SB-119 (2-4)], 10L0264-07[GDC-Sump-3], 10L0264-08[GDC-Sump-4], 10L0264-10[TB20101208], B023465-BLK1, B023465-BS1

SW-846 8270C

Qualifications:

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

Analyte & Samples(s) Qualified:

Bis(2-Ethylhexyl)phthalate

10L0264-01[GDC-Sump-1], 10L0264-07[GDC-Sump-3]

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

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol

10L0264-01[GDC-Sump-1], 10L0264-01RE1[GDC-Sump-1], 10L0264-05[GDC-Sump-2], 10L0264-07[GDC-Sump-3], 10L0264-07RE1[GDC-Sump-3], 10L0264-08[GDC-Sump-4], B023504-BLK1, B023504-BS1, B023504-BSD1

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

Analyte & Samples(s) Qualified:

Bis(2-chloroisopropyl)ether

10L0264-01[GDC-Sump-1], 10L0264-05[GDC-Sump-2], 10L0264-07[GDC-Sump-3], 10L0264-08[GDC-Sump-4], B023504-BLK1, B023504-BS1, B023504-BSD1

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

Analyte & Samples(s) Qualified:

Pentachloronitrobenzene

10L0264-01[GDC-Sump-1], 10L0264-01RE1[GDC-Sump-1], 10L0264-05[GDC-Sump-2], 10L0264-07[GDC-Sump-3], 10L0264-07RE1[GDC-Sump-3], 10L0264-08[GDC-Sump-4], B023504-BLK1, B023504-BS1, B023504-BSD1

SW846 9014

Qualifications:

Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

Analyte & Samples(s) Qualified:

Cyanide

10L0264-05[GDC-Sump-2], B023650-MS1, B023650-MSD1

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SW-846 8260B

The LCS recoveries for required CT reasonable confidence protocol (RCP) 8260 compounds were all within limits specified by the method except for "difficult analytes" where control limits somewhere between 40-160% are used and/or unless otherwise listed in this narrative: Difficult analytes: MIBK, MEK, Tert-butyl Alcohol, Acetone, 1,4-Dioxane, Vinyl Chloride, Chloromethane, Dichlorodifluoromethane, 2-Hexanone, Naphthalene, Bromomethane, Methylene Chloride, and tert-butylbenzene.

SW-846 8270C

The LCS sample recoveries for required RCP 8270 compounds were all within control limits specified by the method, 40-140% for base/neutrals and 30-130% for acids except for "difficult analytes" listed below and/or otherwise listed in this narrative: Difficult analytes for soil - limits between 10 and 180% depending on the compound (see QC summary for limits): 3,3'-Dichlorobenzidine, Pyridine, Aniline, 4-Chloroaniline, 3-Nitroaniline, and n-Nitrosodiphenylamine.

All reporting limits specified on the chain-of-custody were met, except for Pyridine, 1,2,4,5-Tetrachlorobenzene and Pentachloronitrobenzene for the most protective criteria since the laboratory cannot achieve the required RCP calibration criteria at these levels unless otherwise listed in this narrative.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-1 | Sampled: 12/8/2010 10:40

Sample ID: 10L0264-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.061	mg/Kg dry	1	V-16	SW-846 8260B	12/9/10	12/9/10 13:17	MFF
Acrylonitrile	ND	0.0037	mg/Kg dry	1	V-16	SW-846 8260B	12/9/10	12/9/10 13:17	MFF
Benzene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
Bromobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
Bromodichloromethane	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
Bromoform	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
Bromomethane	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
2-Butanone (MEK)	ND	0.025	mg/Kg dry	1	V-16	SW-846 8260B	12/9/10	12/9/10 13:17	MFF
n-Butylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
sec-Butylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
tert-Butylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
Carbon Disulfide	ND	0.0037	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
Carbon Tetrachloride	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
Chlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
Chlorodibromomethane	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
Chloroethane	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
Chloroform	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
Chloromethane	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
2-Chlorotoluene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
4-Chlorotoluene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
1,2-Dibromoethane (EDB)	ND	0.00061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
Dibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
1,2-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
1,3-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
1,4-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
trans-1,4-Dichloro-2-butene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
1,1-Dichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
1,2-Dichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
1,1-Dichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
cis-1,2-Dichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
trans-1,2-Dichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
1,2-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
1,3-Dichloropropane	ND	0.00061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
2,2-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
1,1-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
trans-1,3-Dichloropropene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
Ethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
Hexachlorobutadiene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
2-Hexanone (MBK)	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
Isopropylbenzene (Cumene)	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF

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Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-1 | Sampled: 12/8/2010 10:40

Sample ID: 10L0264-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
Methylene Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
Naphthalene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
n-Propylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
Styrene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
1,1,1,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
1,1,2,2-Tetrachloroethane	ND	0.00061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
Tetrachloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
Tetrahydrofuran	ND	0.0061	mg/Kg dry	1	V-16	SW-846 8260B	12/9/10	12/9/10 13:17	MFF
Toluene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
1,2,3-Trichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
1,2,4-Trichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
1,1,1-Trichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
1,1,2-Trichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
Trichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
1,2,3-Trichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
1,2,4-Trimethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
1,3,5-Trimethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
Vinyl Chloride	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
m+p Xylene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF
o-Xylene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:17	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	102	70-130		12/9/10 13:17
Toluene-d8	95.4	70-130		12/9/10 13:17
4-Bromofluorobenzene	94.9	70-130		12/9/10 13:17

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

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-1 | Sampled: 12/8/2010 10:40

Sample ID: 10L0264-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.21	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
Acenaphthene	ND	0.42	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Acenaphthylene	ND	0.21	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
Acenaphthylene	ND	0.42	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Aniline	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
Aniline	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
Anthracene	ND	0.42	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Benzo(a)anthracene	0.64	0.21	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
Benzo(a)anthracene	0.68	0.42	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Benzo(a)pyrene	0.65	0.21	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
Benzo(a)pyrene	0.71	0.42	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Benzo(b)fluoranthene	0.82	0.42	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Benzo(b)fluoranthene	0.76	0.21	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
Benzo(g,h,i)perylene	0.66	0.21	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
Benzo(g,h,i)perylene	0.66	0.42	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Benzo(k)fluoranthene	ND	0.42	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Benzo(k)fluoranthene	0.25	0.21	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
Bis(2-chloroethoxy)methane	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Bis(2-chloroethoxy)methane	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
Bis(2-chloroethyl)ether	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Bis(2-chloroethyl)ether	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
Bis(2-chloroisopropyl)ether	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Bis(2-chloroisopropyl)ether	ND	0.42	mg/Kg dry	1	V-05	SW-846 8270C	12/10/10	12/13/10 12:03	BGL
Bis(2-Ethylhexyl)phthalate	8.0	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Bis(2-Ethylhexyl)phthalate	6.8	0.42	mg/Kg dry	1	E	SW-846 8270C	12/10/10	12/13/10 12:03	BGL
4-Bromophenylphenylether	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
4-Bromophenylphenylether	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Butylbenzylphthalate	ND	1.6	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Butylbenzylphthalate	ND	0.82	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
Carbazole	ND	0.42	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Carbazole	ND	0.21	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
4-Chloroaniline	ND	0.82	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
4-Chloroaniline	ND	1.6	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
4-Chloro-3-methylphenol	ND	0.82	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
4-Chloro-3-methylphenol	ND	1.6	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
2-Chloronaphthalene	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
2-Chloronaphthalene	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
2-Chlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
2-Chlorophenol	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
4-Chlorophenylphenylether	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
4-Chlorophenylphenylether	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Chrysene	0.86	0.42	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL

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Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-1 | Sampled: 12/8/2010 10:40

Sample ID: 10L0264-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Chrysene	0.77	0.21	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
Dibenz(a,h)anthracene	ND	0.42	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Dibenz(a,h)anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
Dibenzofuran	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Dibenzofuran	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
Di-n-butylphthalate	4.6	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Di-n-butylphthalate	3.8	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
3,3-Dichlorobenzidine	ND	0.21	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
3,3-Dichlorobenzidine	ND	0.42	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
2,4-Dichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
2,4-Dichlorophenol	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Diethylphthalate	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Diethylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
2,4-Dimethylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
2,4-Dimethylphenol	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Dimethylphthalate	ND	1.6	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Dimethylphthalate	ND	0.82	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
4,6-Dinitro-2-methylphenol	ND	0.42	mg/Kg dry	1	V-04	SW-846 8270C	12/10/10	12/13/10 12:03	BGL
4,6-Dinitro-2-methylphenol	ND	0.84	mg/Kg dry	2	V-04	SW-846 8270C	12/10/10	12/15/10 11:41	BGL
2,4-Dinitrophenol	ND	0.82	mg/Kg dry	1	V-04	SW-846 8270C	12/10/10	12/13/10 12:03	BGL
2,4-Dinitrophenol	ND	1.6	mg/Kg dry	2	V-04	SW-846 8270C	12/10/10	12/15/10 11:41	BGL
2,4-Dinitrotoluene	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
2,4-Dinitrotoluene	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
2,6-Dinitrotoluene	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
2,6-Dinitrotoluene	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Di-n-octylphthalate	ND	1.6	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Di-n-octylphthalate	ND	0.82	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
Fluoranthene	1.5	0.42	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Fluoranthene	1.1	0.21	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
Fluorene	ND	0.42	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Fluorene	ND	0.21	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
Hexachlorobenzene	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Hexachlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
Hexachlorobutadiene	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Hexachlorobutadiene	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
Hexachlorocyclopentadiene	ND	1.6	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Hexachlorocyclopentadiene	ND	0.82	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
Hexachloroethane	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Hexachloroethane	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
Indeno(1,2,3-cd)pyrene	0.67	0.42	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Indeno(1,2,3-cd)pyrene	0.75	0.21	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
Isophorone	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Isophorone	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL

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

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-1 | Sampled: 12/8/2010 10:40

Sample ID: 10L0264-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
2-Methylnaphthalene	ND	0.42	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
2-Methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
2-Methylphenol	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
3/4-Methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
3/4-Methylphenol	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Naphthalene	ND	0.42	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Naphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
2-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
2-Nitroaniline	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
3-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
3-Nitroaniline	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
4-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
4-Nitroaniline	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Nitrobenzene	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Nitrobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
2-Nitrophenol	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
2-Nitrophenol	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
4-Nitrophenol	ND	0.82	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
4-Nitrophenol	ND	1.6	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
N-Nitrosodiphenylamine	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
N-Nitrosodiphenylamine	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
N-Nitrosodi-n-propylamine	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
N-Nitrosodi-n-propylamine	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
Pentachloronitrobenzene	ND	0.84	mg/Kg dry	2	V-16	SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Pentachloronitrobenzene	ND	0.42	mg/Kg dry	1	V-16	SW-846 8270C	12/10/10	12/13/10 12:03	BGL
Pentachlorophenol	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Pentachlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
Phenanthrene	0.82	0.42	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Phenanthrene	0.76	0.21	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
Phenol	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Phenol	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
Pyrene	1.8	0.42	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Pyrene	1.4	0.21	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
Pyridine	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
Pyridine	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
1,2,4-Trichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
1,2,4-Trichlorobenzene	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
2,4,5-Trichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL
2,4,5-Trichlorophenol	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL
2,4,6-Trichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:03	BGL

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

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-1 | Sampled: 12/8/2010 10:40

Sample ID: 10L0264-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4,6-Trichlorophenol	ND	0.84	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 11:41	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	57.1	30-130		12/13/10 12:03
2-Fluorophenol	57.8	30-130		12/15/10 11:41
Phenol-d6	55.3	30-130		12/15/10 11:41
Phenol-d6	59.5	30-130		12/13/10 12:03
Nitrobenzene-d5	51.4	30-130		12/15/10 11:41
Nitrobenzene-d5	47.5	30-130		12/13/10 12:03
2-Fluorobiphenyl	59.1	30-130		12/13/10 12:03
2-Fluorobiphenyl	63.7	30-130		12/15/10 11:41
2,4,6-Tribromophenol	57.2	30-130		12/13/10 12:03
2,4,6-Tribromophenol	62.9	30-130		12/15/10 11:41
Terphenyl-d14	87.2	30-130		12/15/10 11:41
Terphenyl-d14	68.9	30-130		12/13/10 12:03

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Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-1 | Sampled: 12/8/2010 10:40

Sample ID: 10L0264-01

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/10/10	12/13/10 15:10	PJG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/10/10	12/13/10 15:10	PJG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/10/10	12/13/10 15:10	PJG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/10/10	12/13/10 15:10	PJG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/10/10	12/13/10 15:10	PJG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/10/10	12/13/10 15:10	PJG
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/10/10	12/13/10 15:10	PJG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/10/10	12/13/10 15:10	PJG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/10/10	12/13/10 15:10	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	120	30-150		12/13/10 15:10
Decachlorobiphenyl [2]	122	30-150		12/13/10 15:10
Tetrachloro-m-xylene [1]	123	30-150		12/13/10 15:10
Tetrachloro-m-xylene [2]	126	30-150		12/13/10 15:10

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Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-1 | Sampled: 12/8/2010 10:40

Sample ID: 10L0264-01

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	590	250	mg/Kg dry	10		CTDEP ETPH	12/10/10	12/14/10 12:00	CJM

Surrogates	% Recovery	Recovery Limits	Flag	
o-Terphenyl	62.2	50-150		12/14/10 12:00

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

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-1 | Sampled: 12/8/2010 10:40

Sample ID: 10L0264-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	3.1	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:21	OP
Arsenic	ND	3.1	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:21	OP
Barium	42	3.1	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:21	OP
Beryllium	ND	0.31	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:21	OP
Cadmium	0.95	0.31	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:21	OP
Chromium	13	0.62	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:21	OP
Copper	140	0.62	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:21	OP
Lead	270	0.93	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:21	OP
Mercury	0.032	0.015	mg/Kg dry	1		SW-846 7471A	12/13/10	12/13/10 14:29	CWB
Nickel	10	0.62	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:21	OP
Selenium	ND	6.2	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:21	OP
Silver	ND	0.62	mg/Kg dry	1	B-06	SW-846 6010B	12/10/10	12/10/10 17:21	OP
Thallium	ND	3.1	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:21	OP
Vanadium	13	1.2	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:21	OP
Zinc	320	1.2	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:21	OP

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Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-1 | Sampled: 12/8/2010 10:40

Sample ID: 10L0264-01

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.41	mg/Kg dry	1		SW846 9014	12/14/10	12/14/10 10:30	VAK
% Solids	80.6		% Wt	1		SM 2540G	12/10/10	12/13/10 10:07	VAF

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Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-SB-116 (4-6) | Sampled: 12/8/2010 10:30

Sample ID: 10L0264-02

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	18	12	mg/Kg dry	1		CTDEP ETPH	12/10/10	12/14/10 11:05	CJM

Surrogates	% Recovery	Recovery Limits	Flag	
o-Terphenyl	60.5	50-150		12/14/10 11:05

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

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-SB-116 (4-6) | Sampled: 12/8/2010 10:30

Sample ID: 10L0264-02

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.8		% Wt	1		SM 2540G	12/10/10	12/13/10 10:07	VAF

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

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-SB-117 (10-12) | Sampled: 12/8/2010 11:15

Sample ID: 10L0264-03

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	12	11	mg/Kg dry	1		CTDEP ETPH	12/10/10	12/13/10 18:26	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	71.5	50-150				12/13/10	18:26

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

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-SB-117 (10-12) | Sampled: 12/8/2010 11:15

Sample ID: 10L0264-03

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.1		% Wt	1		SM 2540G	12/10/10	12/13/10 10:07	VAF

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

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-SB-118 (6-8) | Sampled: 12/8/2010 11:40

Sample ID: 10L0264-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.088	mg/Kg dry	1	V-16	SW-846 8260B	12/9/10	12/9/10 13:43	MFF
Acrylonitrile	ND	0.0053	mg/Kg dry	1	V-16	SW-846 8260B	12/9/10	12/9/10 13:43	MFF
Benzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
Bromobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
Bromodichloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
Bromoform	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
Bromomethane	ND	0.0088	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
2-Butanone (MEK)	ND	0.035	mg/Kg dry	1	V-16	SW-846 8260B	12/9/10	12/9/10 13:43	MFF
n-Butylbenzene	ND	0.0035	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
sec-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
tert-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
Carbon Disulfide	ND	0.0053	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
Carbon Tetrachloride	ND	0.0035	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
Chlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
Chlorodibromomethane	ND	0.0035	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
Chloroethane	ND	0.018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
Chloroform	ND	0.0035	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
Chloromethane	ND	0.0088	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
2-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
4-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
1,2-Dibromoethane (EDB)	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
Dibromomethane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
1,2-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
1,3-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
1,4-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
trans-1,4-Dichloro-2-butene	ND	0.0035	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
1,1-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
1,2-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
1,1-Dichloroethylene	ND	0.0035	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
cis-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
trans-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
1,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
1,3-Dichloropropane	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
2,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
1,1-Dichloropropene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
cis-1,3-Dichloropropene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
trans-1,3-Dichloropropene	ND	0.0035	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
Ethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
Hexachlorobutadiene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
2-Hexanone (MBK)	ND	0.018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
Isopropylbenzene (Cumene)	ND	0.0035	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-SB-118 (6-8) | Sampled: 12/8/2010 11:40

Sample ID: 10L0264-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0035	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
Methylene Chloride	ND	0.018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
Naphthalene	ND	0.0035	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
n-Propylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
Styrene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
1,1,1,2-Tetrachloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
1,1,2,2-Tetrachloroethane	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
Tetrachloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
Tetrahydrofuran	ND	0.0088	mg/Kg dry	1	V-16	SW-846 8260B	12/9/10	12/9/10 13:43	MFF
Toluene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
1,2,3-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
1,2,4-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
1,1,1-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
1,1,2-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
Trichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0088	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
1,2,3-Trichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0088	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
1,2,4-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
1,3,5-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
Vinyl Chloride	ND	0.0088	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
m+p Xylene	ND	0.0035	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF
o-Xylene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 13:43	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	101	70-130		12/9/10 13:43
Toluene-d8	95.9	70-130		12/9/10 13:43
4-Bromofluorobenzene	94.0	70-130		12/9/10 13:43

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-SB-118 (6-8) | Sampled: 12/8/2010 11:40

Sample ID: 10L0264-04

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	850	260	mg/Kg dry	10		CTDEP ETPH	12/10/10	12/15/10 11:52	CJM

Surrogates	% Recovery	Recovery Limits	Flag	
o-Terphenyl	82.8	50-150		12/15/10 11:52

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

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-SB-118 (6-8) | Sampled: 12/8/2010 11:40

Sample ID: 10L0264-04

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	76.8		% Wt	1		SM 2540G	12/10/10	12/13/10 10:07	VAF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-2 | Sampled: 12/8/2010 11:50

Sample ID: 10L0264-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.17	mg/Kg dry	1	V-16	SW-846 8260B	12/9/10	12/9/10 14:59	MFF
Acrylonitrile	ND	0.010	mg/Kg dry	1	V-16	SW-846 8260B	12/9/10	12/9/10 14:59	MFF
Benzene	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
Bromobenzene	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
Bromodichloromethane	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
Bromoform	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
Bromomethane	ND	0.017	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
2-Butanone (MEK)	ND	0.069	mg/Kg dry	1	V-16	SW-846 8260B	12/9/10	12/9/10 14:59	MFF
n-Butylbenzene	ND	0.0069	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
sec-Butylbenzene	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
tert-Butylbenzene	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
Carbon Disulfide	ND	0.010	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
Carbon Tetrachloride	ND	0.0069	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
Chlorobenzene	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
Chlorodibromomethane	ND	0.0069	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
Chloroethane	ND	0.034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
Chloroform	ND	0.0069	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
Chloromethane	ND	0.017	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
2-Chlorotoluene	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
4-Chlorotoluene	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
1,2-Dibromoethane (EDB)	ND	0.0017	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
Dibromomethane	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
1,2-Dichlorobenzene	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
1,3-Dichlorobenzene	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
1,4-Dichlorobenzene	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
trans-1,4-Dichloro-2-butene	ND	0.0069	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
1,1-Dichloroethane	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
1,2-Dichloroethane	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
1,1-Dichloroethylene	ND	0.0069	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
cis-1,2-Dichloroethylene	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
trans-1,2-Dichloroethylene	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
1,2-Dichloropropane	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
1,3-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
2,2-Dichloropropane	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
1,1-Dichloropropene	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
cis-1,3-Dichloropropene	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
trans-1,3-Dichloropropene	ND	0.0069	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
Ethylbenzene	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
Hexachlorobutadiene	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
2-Hexanone (MBK)	ND	0.034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
Isopropylbenzene (Cumene)	ND	0.0069	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-2 | Sampled: 12/8/2010 11:50

Sample ID: 10L0264-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0069	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
Methylene Chloride	ND	0.034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
Naphthalene	ND	0.0069	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
n-Propylbenzene	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
Styrene	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
1,1,1,2-Tetrachloroethane	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
1,1,2,2-Tetrachloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
Tetrachloroethylene	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
Tetrahydrofuran	ND	0.017	mg/Kg dry	1	V-16	SW-846 8260B	12/9/10	12/9/10 14:59	MFF
Toluene	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
1,2,3-Trichlorobenzene	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
1,2,4-Trichlorobenzene	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
1,1,1-Trichloroethane	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
1,1,2-Trichloroethane	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
Trichloroethylene	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
Trichlorofluoromethane (Freon 11)	ND	0.017	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
1,2,3-Trichloropropane	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.017	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
1,2,4-Trimethylbenzene	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
1,3,5-Trimethylbenzene	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
Vinyl Chloride	ND	0.017	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
m+p Xylene	ND	0.0069	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF
o-Xylene	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 14:59	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	103	70-130		12/9/10 14:59
Toluene-d8	96.5	70-130		12/9/10 14:59
4-Bromofluorobenzene	97.8	70-130		12/9/10 14:59

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-2 | Sampled: 12/8/2010 11:50

Sample ID: 10L0264-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Acenaphthylene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Aniline	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Anthracene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Benzo(a)anthracene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Benzo(a)pyrene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Benzo(b)fluoranthene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Benzo(g,h,i)perylene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Benzo(k)fluoranthene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Bis(2-chloroethoxy)methane	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Bis(2-chloroethyl)ether	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Bis(2-chloroisopropyl)ether	ND	0.43	mg/Kg dry	1	V-05	SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
4-Bromophenylphenylether	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Butylbenzylphthalate	ND	0.84	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Carbazole	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
4-Chloroaniline	ND	0.84	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
4-Chloro-3-methylphenol	ND	0.84	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
2-Chloronaphthalene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
2-Chlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
4-Chlorophenylphenylether	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Chrysene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Dibenz(a,h)anthracene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Dibenzofuran	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Di-n-butylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
3,3-Dichlorobenzidine	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
2,4-Dichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Diethylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
2,4-Dimethylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Dimethylphthalate	ND	0.84	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
4,6-Dinitro-2-methylphenol	ND	0.43	mg/Kg dry	1	V-04	SW-846 8270C	12/10/10	12/13/10 12:40	BGL
2,4-Dinitrophenol	ND	0.84	mg/Kg dry	1	V-04	SW-846 8270C	12/10/10	12/13/10 12:40	BGL
2,4-Dinitrotoluene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
2,6-Dinitrotoluene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Di-n-octylphthalate	ND	0.84	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Fluoranthene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Fluorene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Hexachlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Hexachlorobutadiene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Hexachlorocyclopentadiene	ND	0.84	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Hexachloroethane	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Indeno(1,2,3-cd)pyrene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Isophorone	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL

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

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-2 | Sampled: 12/8/2010 11:50

Sample ID: 10L0264-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
2-Methylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
3/4-Methylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Naphthalene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
2-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
3-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
4-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Nitrobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
2-Nitrophenol	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
4-Nitrophenol	ND	0.84	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
N-Nitrosodiphenylamine	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
N-Nitrosodi-n-propylamine	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Pentachloronitrobenzene	ND	0.43	mg/Kg dry	1	V-16	SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Pentachlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Phenanthrene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Phenol	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Pyrene	ND	0.22	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
Pyridine	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
1,2,4-Trichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
2,4,5-Trichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL
2,4,6-Trichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 12:40	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	60.1	30-130		12/13/10 12:40
Phenol-d6	58.1	30-130		12/13/10 12:40
Nitrobenzene-d5	62.0	30-130		12/13/10 12:40
2-Fluorobiphenyl	68.3	30-130		12/13/10 12:40
2,4,6-Tribromophenol	72.2	30-130		12/13/10 12:40
Terphenyl-d14	86.8	30-130		12/13/10 12:40

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

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-2 | Sampled: 12/8/2010 11:50

Sample ID: 10L0264-05

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	12/10/10	12/13/10 15:23	PJG
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	12/10/10	12/13/10 15:23	PJG
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	12/10/10	12/13/10 15:23	PJG
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	12/10/10	12/13/10 15:23	PJG
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	12/10/10	12/13/10 15:23	PJG
Aroclor-1254 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	12/10/10	12/13/10 15:23	PJG
Aroclor-1260 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	12/10/10	12/13/10 15:23	PJG
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	12/10/10	12/13/10 15:23	PJG
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	12/10/10	12/13/10 15:23	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	100	30-150		12/13/10 15:23
Decachlorobiphenyl [2]	106	30-150		12/13/10 15:23
Tetrachloro-m-xylene [1]	112	30-150		12/13/10 15:23
Tetrachloro-m-xylene [2]	117	30-150		12/13/10 15:23

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Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-2 | Sampled: 12/8/2010 11:50

Sample ID: 10L0264-05

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	16	13	mg/Kg dry	1		CTDEP ETPH	12/10/10	12/15/10 10:39	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	77.7	50-150				12/15/10	10:39

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Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-2 | Sampled: 12/8/2010 11:50

Sample ID: 10L0264-05

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	3.2	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:25	OP
Arsenic	ND	3.2	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:25	OP
Barium	19	3.2	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:25	OP
Beryllium	ND	0.32	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:25	OP
Cadmium	ND	0.32	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:25	OP
Chromium	5.0	0.64	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:25	OP
Copper	7.3	0.64	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:25	OP
Lead	70	0.97	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:25	OP
Mercury	0.047	0.014	mg/Kg dry	1		SW-846 7471A	12/13/10	12/13/10 14:31	CWB
Nickel	4.1	0.64	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:25	OP
Selenium	ND	6.4	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:25	OP
Silver	ND	0.64	mg/Kg dry	1	B-06	SW-846 6010B	12/10/10	12/10/10 17:25	OP
Thallium	ND	3.2	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:25	OP
Vanadium	9.5	1.3	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:25	OP
Zinc	23	1.3	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:25	OP

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Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-2 | Sampled: 12/8/2010 11:50

Sample ID: 10L0264-05

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.47	mg/Kg dry	1	R-06	SW846 9014	12/14/10	12/14/10 10:30	VAK
% Solids	78.5		% Wt	1		SM 2540G	12/10/10	12/13/10 10:07	VAF

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Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-SB-119 (2-4) | Sampled: 12/8/2010 13:47

Sample ID: 10L0264-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.66	mg/Kg dry	1	V-16	SW-846 8260B	12/9/10	12/9/10 15:51	MFF
Acrylonitrile	ND	0.040	mg/Kg dry	1	V-16	SW-846 8260B	12/9/10	12/9/10 15:51	MFF
Benzene	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
Bromobenzene	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
Bromodichloromethane	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
Bromoform	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
Bromomethane	ND	0.066	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
2-Butanone (MEK)	ND	0.27	mg/Kg dry	1	V-16	SW-846 8260B	12/9/10	12/9/10 15:51	MFF
n-Butylbenzene	ND	0.027	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
sec-Butylbenzene	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
tert-Butylbenzene	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
Carbon Disulfide	ND	0.040	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
Carbon Tetrachloride	ND	0.027	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
Chlorobenzene	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
Chlorodibromomethane	ND	0.027	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
Chloroethane	ND	0.13	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
Chloroform	ND	0.027	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
Chloromethane	ND	0.066	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
2-Chlorotoluene	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
4-Chlorotoluene	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
1,2-Dibromoethane (EDB)	ND	0.0066	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
Dibromomethane	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
1,2-Dichlorobenzene	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
1,3-Dichlorobenzene	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
1,4-Dichlorobenzene	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
trans-1,4-Dichloro-2-butene	ND	0.027	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.13	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
1,1-Dichloroethane	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
1,2-Dichloroethane	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
1,1-Dichloroethylene	ND	0.027	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
cis-1,2-Dichloroethylene	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
trans-1,2-Dichloroethylene	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
1,2-Dichloropropane	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
1,3-Dichloropropane	ND	0.0066	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
2,2-Dichloropropane	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
1,1-Dichloropropene	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
cis-1,3-Dichloropropene	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
trans-1,3-Dichloropropene	ND	0.027	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
Ethylbenzene	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
Hexachlorobutadiene	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
2-Hexanone (MBK)	ND	0.13	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
Isopropylbenzene (Cumene)	ND	0.027	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-SB-119 (2-4) | Sampled: 12/8/2010 13:47

Sample ID: 10L0264-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.027	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
Methylene Chloride	ND	0.13	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.13	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
Naphthalene	ND	0.027	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
n-Propylbenzene	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
Styrene	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
1,1,1,2-Tetrachloroethane	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
1,1,2,2-Tetrachloroethane	ND	0.0066	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
Tetrachloroethylene	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
Tetrahydrofuran	ND	0.066	mg/Kg dry	1	V-16	SW-846 8260B	12/9/10	12/9/10 15:51	MFF
Toluene	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
1,2,3-Trichlorobenzene	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
1,2,4-Trichlorobenzene	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
1,1,1-Trichloroethane	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
1,1,2-Trichloroethane	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
Trichloroethylene	0.049	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
Trichlorofluoromethane (Freon 11)	ND	0.066	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
1,2,3-Trichloropropane	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.066	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
1,2,4-Trimethylbenzene	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
1,3,5-Trimethylbenzene	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
Vinyl Chloride	ND	0.066	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
m+p Xylene	ND	0.027	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF
o-Xylene	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:51	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	102	70-130		12/9/10 15:51
Toluene-d8	95.2	70-130		12/9/10 15:51
4-Bromofluorobenzene	95.9	70-130		12/9/10 15:51

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Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-SB-119 (2-4) | Sampled: 12/8/2010 13:47

Sample ID: 10L0264-06

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	15	13	mg/Kg dry	1		CTDEP ETPH	12/10/10	12/15/10 10:57	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	81.3	50-150				12/15/10	10:57

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Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-SB-119 (2-4) | Sampled: 12/8/2010 13:47

Sample ID: 10L0264-06

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	75.4		% Wt	1		SM 2540G	12/10/10	12/13/10 10:07	VAF

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Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-3 | Sampled: 12/8/2010 00:00

Sample ID: 10L0264-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.29	mg/Kg dry	1	V-16	SW-846 8260B	12/9/10	12/9/10 15:25	MFF
Acrylonitrile	ND	0.017	mg/Kg dry	1	V-16	SW-846 8260B	12/9/10	12/9/10 15:25	MFF
Benzene	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
Bromobenzene	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
Bromodichloromethane	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
Bromoform	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
Bromomethane	ND	0.029	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
2-Butanone (MEK)	ND	0.12	mg/Kg dry	1	V-16	SW-846 8260B	12/9/10	12/9/10 15:25	MFF
n-Butylbenzene	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
sec-Butylbenzene	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
tert-Butylbenzene	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
Carbon Disulfide	ND	0.017	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
Carbon Tetrachloride	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
Chlorobenzene	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
Chlorodibromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
Chloroethane	ND	0.058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
Chloroform	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
Chloromethane	ND	0.029	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
2-Chlorotoluene	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
4-Chlorotoluene	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
1,2-Dibromoethane (EDB)	ND	0.0029	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
Dibromomethane	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
1,2-Dichlorobenzene	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
1,3-Dichlorobenzene	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
1,4-Dichlorobenzene	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
trans-1,4-Dichloro-2-butene	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
1,1-Dichloroethane	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
1,2-Dichloroethane	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
1,1-Dichloroethylene	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
cis-1,2-Dichloroethylene	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
trans-1,2-Dichloroethylene	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
1,2-Dichloropropane	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
1,3-Dichloropropane	ND	0.0029	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
2,2-Dichloropropane	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
1,1-Dichloropropene	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
cis-1,3-Dichloropropene	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
trans-1,3-Dichloropropene	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
Ethylbenzene	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
Hexachlorobutadiene	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
2-Hexanone (MBK)	ND	0.058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
Isopropylbenzene (Cumene)	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF

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Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-3 | Sampled: 12/8/2010 00:00

Sample ID: 10L0264-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
Methylene Chloride	ND	0.058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
Naphthalene	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
n-Propylbenzene	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
Styrene	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
1,1,1,2-Tetrachloroethane	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
1,1,2,2-Tetrachloroethane	ND	0.0029	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
Tetrachloroethylene	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
Tetrahydrofuran	ND	0.029	mg/Kg dry	1	V-16	SW-846 8260B	12/9/10	12/9/10 15:25	MFF
Toluene	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
1,2,3-Trichlorobenzene	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
1,2,4-Trichlorobenzene	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
1,1,1-Trichloroethane	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
1,1,2-Trichloroethane	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
Trichloroethylene	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
Trichlorofluoromethane (Freon 11)	ND	0.029	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
1,2,3-Trichloropropane	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.029	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
1,2,4-Trimethylbenzene	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
1,3,5-Trimethylbenzene	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
Vinyl Chloride	ND	0.029	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
m+p Xylene	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF
o-Xylene	ND	0.0058	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 15:25	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	105	70-130		12/9/10 15:25
Toluene-d8	98.0	70-130		12/9/10 15:25
4-Bromofluorobenzene	99.6	70-130		12/9/10 15:25

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

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-3 | Sampled: 12/8/2010 00:00

Sample ID: 10L0264-07

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Acenaphthene	ND	1.5	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Acenaphthylene	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Acenaphthylene	ND	1.5	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Aniline	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Aniline	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Anthracene	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Anthracene	ND	1.5	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Benzo(a)anthracene	5.7	0.75	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Benzo(a)anthracene	4.9	1.5	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Benzo(a)pyrene	6.3	0.75	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Benzo(a)pyrene	5.5	1.5	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Benzo(b)fluoranthene	8.3	0.75	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Benzo(b)fluoranthene	8.2	1.5	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Benzo(g,h,i)perylene	6.6	0.75	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Benzo(g,h,i)perylene	6.4	1.5	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Benzo(k)fluoranthene	2.9	0.75	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Benzo(k)fluoranthene	3.1	1.5	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Bis(2-chloroethoxy)methane	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Bis(2-chloroethoxy)methane	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Bis(2-chloroethyl)ether	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Bis(2-chloroethyl)ether	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Bis(2-chloroisopropyl)ether	ND	1.5	mg/Kg dry	1	V-05	SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Bis(2-chloroisopropyl)ether	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Bis(2-Ethylhexyl)phthalate	19	1.5	mg/Kg dry	1	E	SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Bis(2-Ethylhexyl)phthalate	17	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
4-Bromophenylphenylether	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
4-Bromophenylphenylether	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Butylbenzylphthalate	ND	2.9	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Butylbenzylphthalate	ND	5.8	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Carbazole	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Carbazole	ND	1.5	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
4-Chloroaniline	ND	2.9	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
4-Chloroaniline	ND	5.8	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
4-Chloro-3-methylphenol	ND	2.9	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
4-Chloro-3-methylphenol	ND	5.8	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
2-Chloronaphthalene	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
2-Chloronaphthalene	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
2-Chlorophenol	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
2-Chlorophenol	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
4-Chlorophenylphenylether	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
4-Chlorophenylphenylether	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Chrysene	6.8	0.75	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL

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Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-3 | Sampled: 12/8/2010 00:00

Sample ID: 10L0264-07

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Chrysene	6.0	1.5	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Dibenz(a,h)anthracene	2.0	0.75	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Dibenz(a,h)anthracene	ND	1.5	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Dibenzofuran	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Dibenzofuran	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Di-n-butylphthalate	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Di-n-butylphthalate	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
3,3-Dichlorobenzidine	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
3,3-Dichlorobenzidine	ND	1.5	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
2,4-Dichlorophenol	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
2,4-Dichlorophenol	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Diethylphthalate	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Diethylphthalate	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
2,4-Dimethylphenol	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
2,4-Dimethylphenol	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Dimethylphthalate	ND	2.9	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Dimethylphthalate	ND	5.8	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
4,6-Dinitro-2-methylphenol	ND	1.5	mg/Kg dry	1	V-04	SW-846 8270C	12/10/10	12/13/10 13:16	BGL
4,6-Dinitro-2-methylphenol	ND	3.0	mg/Kg dry	2	V-04	SW-846 8270C	12/10/10	12/15/10 1:37	BGL
2,4-Dinitrophenol	ND	2.9	mg/Kg dry	1	V-04	SW-846 8270C	12/10/10	12/13/10 13:16	BGL
2,4-Dinitrophenol	ND	5.8	mg/Kg dry	2	V-04	SW-846 8270C	12/10/10	12/15/10 1:37	BGL
2,4-Dinitrotoluene	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
2,4-Dinitrotoluene	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
2,6-Dinitrotoluene	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
2,6-Dinitrotoluene	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Di-n-octylphthalate	ND	2.9	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Di-n-octylphthalate	ND	5.8	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Fluoranthene	6.8	0.75	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Fluoranthene	7.8	1.5	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Fluorene	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Fluorene	ND	1.5	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Hexachlorobenzene	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Hexachlorobenzene	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Hexachlorobutadiene	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Hexachlorobutadiene	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Hexachlorocyclopentadiene	ND	2.9	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Hexachlorocyclopentadiene	ND	5.8	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Hexachloroethane	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Hexachloroethane	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Indeno(1,2,3-cd)pyrene	7.8	0.75	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Indeno(1,2,3-cd)pyrene	7.1	1.5	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Isophorone	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Isophorone	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-3 | Sampled: 12/8/2010 00:00

Sample ID: 10L0264-07

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
2-Methylnaphthalene	ND	1.5	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
2-Methylphenol	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
2-Methylphenol	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
3/4-Methylphenol	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
3/4-Methylphenol	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Naphthalene	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Naphthalene	ND	1.5	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
2-Nitroaniline	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
2-Nitroaniline	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
3-Nitroaniline	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
3-Nitroaniline	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
4-Nitroaniline	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
4-Nitroaniline	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Nitrobenzene	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Nitrobenzene	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
2-Nitrophenol	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
2-Nitrophenol	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
4-Nitrophenol	ND	2.9	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
4-Nitrophenol	ND	5.8	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
N-Nitrosodiphenylamine	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
N-Nitrosodiphenylamine	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
N-Nitrosodi-n-propylamine	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
N-Nitrosodi-n-propylamine	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Pentachloronitrobenzene	ND	1.5	mg/Kg dry	1	V-16	SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Pentachloronitrobenzene	ND	3.0	mg/Kg dry	2	V-16	SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Pentachlorophenol	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Pentachlorophenol	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Phenanthrene	2.1	0.75	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Phenanthrene	1.9	1.5	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Phenol	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Phenol	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Pyrene	7.1	0.75	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Pyrene	6.6	1.5	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
Pyridine	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
Pyridine	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
1,2,4,5-Tetrachlorobenzene	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
1,2,4,5-Tetrachlorobenzene	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
1,2,4-Trichlorobenzene	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
1,2,4-Trichlorobenzene	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
2,4,5-Trichlorophenol	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL
2,4,5-Trichlorophenol	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL
2,4,6-Trichlorophenol	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 13:16	BGL

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Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-3 | Sampled: 12/8/2010 00:00

Sample ID: 10L0264-07

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4,6-Trichlorophenol	ND	3.0	mg/Kg dry	2		SW-846 8270C	12/10/10	12/15/10 1:37	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	66.4	30-130		12/13/10 13:16
2-Fluorophenol	54.8	30-130		12/15/10 1:37
Phenol-d6	67.9	30-130		12/13/10 13:16
Phenol-d6	54.1	30-130		12/15/10 1:37
Nitrobenzene-d5	51.7	30-130		12/13/10 13:16
Nitrobenzene-d5	48.6	30-130		12/15/10 1:37
2-Fluorobiphenyl	80.9	30-130		12/13/10 13:16
2-Fluorobiphenyl	60.8	30-130		12/15/10 1:37
2,4,6-Tribromophenol	54.8	30-130		12/13/10 13:16
2,4,6-Tribromophenol	61.7	30-130		12/15/10 1:37
Terphenyl-d14	72.7	30-130		12/13/10 13:16
Terphenyl-d14	67.6	30-130		12/15/10 1:37

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Field Sample #: GDC-Sump-3 | Sampled: 12/8/2010 00:00

Sample ID: 10L0264-07

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.22	mg/Kg dry	1		SW-846 8082	12/9/10	12/11/10 8:31	PJG
Aroclor-1221 [1]	ND	0.22	mg/Kg dry	1		SW-846 8082	12/9/10	12/11/10 8:31	PJG
Aroclor-1232 [1]	ND	0.22	mg/Kg dry	1		SW-846 8082	12/9/10	12/11/10 8:31	PJG
Aroclor-1242 [1]	ND	0.22	mg/Kg dry	1		SW-846 8082	12/9/10	12/11/10 8:31	PJG
Aroclor-1248 [1]	ND	0.22	mg/Kg dry	1		SW-846 8082	12/9/10	12/11/10 8:31	PJG
Aroclor-1254 [2]	0.25	0.22	mg/Kg dry	1		SW-846 8082	12/9/10	12/11/10 8:31	PJG
Aroclor-1260 [1]	ND	0.22	mg/Kg dry	1		SW-846 8082	12/9/10	12/11/10 8:31	PJG
Aroclor-1262 [1]	ND	0.22	mg/Kg dry	1		SW-846 8082	12/9/10	12/11/10 8:31	PJG
Aroclor-1268 [1]	ND	0.22	mg/Kg dry	1		SW-846 8082	12/9/10	12/11/10 8:31	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	81.0	30-150		12/11/10 8:31
Decachlorobiphenyl [2]	93.3	30-150		12/11/10 8:31
Tetrachloro-m-xylene [1]	98.3	30-150		12/11/10 8:31
Tetrachloro-m-xylene [2]	109	30-150		12/11/10 8:31

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Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	4600	1800	mg/Kg dry	40		CTDEP ETPH	12/10/10	12/15/10 11:52	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	83.4	50-150				12/15/10 11:52	

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Date Received: 12/8/2010

Field Sample #: GDC-Sump-3 | Sampled: 12/8/2010 00:00

Sample ID: 10L0264-07

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.4	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:30	OP
Arsenic	ND	5.4	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:30	OP
Barium	96	5.4	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:30	OP
Beryllium	ND	0.54	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:30	OP
Cadmium	9.8	0.54	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:30	OP
Chromium	66	1.1	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:30	OP
Copper	1000	1.1	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:30	OP
Lead	1900	1.6	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:30	OP
Mercury	1.3	0.028	mg/Kg dry	1		SW-846 7471A	12/13/10	12/13/10 14:33	CWB
Nickel	24	1.1	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:30	OP
Selenium	ND	11	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:30	OP
Silver	14	1.1	mg/Kg dry	1		SW-846 6010B	12/10/10	12/13/10 12:22	OP
Thallium	ND	5.4	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:30	OP
Vanadium	25	2.2	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:30	OP
Zinc	2200	2.2	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:30	OP

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Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-3 | Sampled: 12/8/2010 00:00

Sample ID: 10L0264-07

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	9.5	0.68	mg/Kg dry	1		SW846 9014	12/14/10	12/14/10 10:30	VAK
% Solids	45.4		% Wt	1		SM 2540G	12/10/10	12/13/10 10:07	VAF

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

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-4 | Sampled: 12/8/2010 14:03

Sample ID: 10L0264-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.30	mg/Kg dry	1	V-16	SW-846 8260B	12/9/10	12/9/10 16:43	MFF
Acrylonitrile	ND	0.018	mg/Kg dry	1	V-16	SW-846 8260B	12/9/10	12/9/10 16:43	MFF
Benzene	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
Bromobenzene	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
Bromodichloromethane	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
Bromoform	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
Bromomethane	ND	0.030	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
2-Butanone (MEK)	ND	0.12	mg/Kg dry	1	V-16	SW-846 8260B	12/9/10	12/9/10 16:43	MFF
n-Butylbenzene	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
sec-Butylbenzene	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
tert-Butylbenzene	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
Carbon Disulfide	ND	0.018	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
Carbon Tetrachloride	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
Chlorobenzene	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
Chlorodibromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
Chloroethane	ND	0.061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
Chloroform	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
Chloromethane	ND	0.030	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
2-Chlorotoluene	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
4-Chlorotoluene	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
1,2-Dibromoethane (EDB)	ND	0.0030	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
Dibromomethane	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
1,2-Dichlorobenzene	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
1,3-Dichlorobenzene	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
1,4-Dichlorobenzene	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
trans-1,4-Dichloro-2-butene	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
1,1-Dichloroethane	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
1,2-Dichloroethane	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
1,1-Dichloroethylene	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
cis-1,2-Dichloroethylene	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
trans-1,2-Dichloroethylene	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
1,2-Dichloropropane	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
1,3-Dichloropropane	ND	0.0030	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
2,2-Dichloropropane	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
1,1-Dichloropropene	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
cis-1,3-Dichloropropene	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
trans-1,3-Dichloropropene	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
Ethylbenzene	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
Hexachlorobutadiene	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
2-Hexanone (MBK)	ND	0.061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
Isopropylbenzene (Cumene)	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF

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

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-4 | Sampled: 12/8/2010 14:03

Sample ID: 10L0264-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	0.010	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
Methylene Chloride	ND	0.061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
Naphthalene	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
n-Propylbenzene	0.015	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
Styrene	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
1,1,1,2-Tetrachloroethane	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
1,1,2,2-Tetrachloroethane	ND	0.0030	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
Tetrachloroethylene	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
Tetrahydrofuran	ND	0.030	mg/Kg dry	1	V-16	SW-846 8260B	12/9/10	12/9/10 16:43	MFF
Toluene	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
1,2,3-Trichlorobenzene	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
1,2,4-Trichlorobenzene	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
1,1,1-Trichloroethane	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
1,1,2-Trichloroethane	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
Trichloroethylene	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
Trichlorofluoromethane (Freon 11)	ND	0.030	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
1,2,3-Trichloropropane	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.030	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
1,2,4-Trimethylbenzene	0.016	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
1,3,5-Trimethylbenzene	0.0071	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
Vinyl Chloride	ND	0.030	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
m+p Xylene	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF
o-Xylene	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/9/10	12/9/10 16:43	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	102	70-130		12/9/10 16:43
Toluene-d8	94.8	70-130		12/9/10 16:43
4-Bromofluorobenzene	99.3	70-130		12/9/10 16:43

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

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-4 | Sampled: 12/8/2010 14:03

Sample ID: 10L0264-08

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Acenaphthylene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Aniline	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Anthracene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Benzo(a)anthracene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Benzo(a)pyrene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Benzo(b)fluoranthene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Benzo(g,h,i)perylene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Benzo(k)fluoranthene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Bis(2-chloroethoxy)methane	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Bis(2-chloroethyl)ether	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Bis(2-chloroisopropyl)ether	ND	0.87	mg/Kg dry	1	V-05	SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Bis(2-Ethylhexyl)phthalate	10	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
4-Bromophenylphenylether	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Butylbenzylphthalate	ND	1.7	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Carbazole	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
4-Chloroaniline	ND	1.7	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
4-Chloro-3-methylphenol	ND	1.7	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
2-Chloronaphthalene	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
2-Chlorophenol	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
4-Chlorophenylphenylether	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Chrysene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Dibenz(a,h)anthracene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Dibenzofuran	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Di-n-butylphthalate	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
3,3-Dichlorobenzidine	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
2,4-Dichlorophenol	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Diethylphthalate	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
2,4-Dimethylphenol	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Dimethylphthalate	ND	1.7	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
4,6-Dinitro-2-methylphenol	ND	0.87	mg/Kg dry	1	V-04	SW-846 8270C	12/10/10	12/13/10 18:48	BGL
2,4-Dinitrophenol	ND	1.7	mg/Kg dry	1	V-04	SW-846 8270C	12/10/10	12/13/10 18:48	BGL
2,4-Dinitrotoluene	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
2,6-Dinitrotoluene	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Di-n-octylphthalate	ND	1.7	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Fluoranthene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Fluorene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Hexachlorobenzene	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Hexachlorobutadiene	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Hexachlorocyclopentadiene	ND	1.7	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Hexachloroethane	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Indeno(1,2,3-cd)pyrene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Isophorone	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL

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

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-4 | Sampled: 12/8/2010 14:03

Sample ID: 10L0264-08

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
2-Methylphenol	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
3/4-Methylphenol	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Naphthalene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
2-Nitroaniline	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
3-Nitroaniline	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
4-Nitroaniline	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Nitrobenzene	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
2-Nitrophenol	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
4-Nitrophenol	ND	1.7	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
N-Nitrosodiphenylamine	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
N-Nitrosodi-n-propylamine	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Pentachloronitrobenzene	ND	0.87	mg/Kg dry	1	V-16	SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Pentachlorophenol	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Phenanthrene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Phenol	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Pyrene	ND	0.43	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
Pyridine	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
1,2,4-Trichlorobenzene	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
2,4,5-Trichlorophenol	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL
2,4,6-Trichlorophenol	ND	0.87	mg/Kg dry	1		SW-846 8270C	12/10/10	12/13/10 18:48	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	61.7	30-130		12/13/10 18:48
Phenol-d6	60.6	30-130		12/13/10 18:48
Nitrobenzene-d5	42.9	30-130		12/13/10 18:48
2-Fluorobiphenyl	68.4	30-130		12/13/10 18:48
2,4,6-Tribromophenol	46.6	30-130		12/13/10 18:48
Terphenyl-d14	48.8	30-130		12/13/10 18:48

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

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-4 | Sampled: 12/8/2010 14:03

Sample ID: 10L0264-08

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.25	mg/Kg dry	1		SW-846 8082	12/9/10	12/11/10 8:44	PJG
Aroclor-1221 [1]	ND	0.25	mg/Kg dry	1		SW-846 8082	12/9/10	12/11/10 8:44	PJG
Aroclor-1232 [1]	ND	0.25	mg/Kg dry	1		SW-846 8082	12/9/10	12/11/10 8:44	PJG
Aroclor-1242 [1]	ND	0.25	mg/Kg dry	1		SW-846 8082	12/9/10	12/11/10 8:44	PJG
Aroclor-1248 [1]	ND	0.25	mg/Kg dry	1		SW-846 8082	12/9/10	12/11/10 8:44	PJG
Aroclor-1254 [1]	0.56	0.25	mg/Kg dry	1		SW-846 8082	12/9/10	12/11/10 8:44	PJG
Aroclor-1260 [1]	ND	0.25	mg/Kg dry	1		SW-846 8082	12/9/10	12/11/10 8:44	PJG
Aroclor-1262 [1]	ND	0.25	mg/Kg dry	1		SW-846 8082	12/9/10	12/11/10 8:44	PJG
Aroclor-1268 [1]	ND	0.25	mg/Kg dry	1		SW-846 8082	12/9/10	12/11/10 8:44	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	81.9	30-150		12/11/10 8:44
Decachlorobiphenyl [2]	87.6	30-150		12/11/10 8:44
Tetrachloro-m-xylene [1]	86.8	30-150		12/11/10 8:44
Tetrachloro-m-xylene [2]	89.9	30-150		12/11/10 8:44

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

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-4 | Sampled: 12/8/2010 14:03

Sample ID: 10L0264-08

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	4900	1300	mg/Kg dry	25		CTDEP ETPH	12/10/10	12/15/10 12:11	CJM

Surrogates	% Recovery	Recovery Limits	Flag	
o-Terphenyl	69.4	50-150		12/15/10 12:11

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

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-4 | Sampled: 12/8/2010 14:03

Sample ID: 10L0264-08

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	6.5	6.3	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:34	OP
Arsenic	ND	6.3	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:34	OP
Barium	240	6.3	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:34	OP
Beryllium	ND	0.63	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:34	OP
Cadmium	13	0.63	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:34	OP
Chromium	98	1.3	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:34	OP
Copper	710	1.3	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:34	OP
Lead	240	1.9	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:34	OP
Mercury	0.80	0.028	mg/Kg dry	1		SW-846 7471A	12/13/10	12/13/10 14:34	CWB
Nickel	62	1.3	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:34	OP
Selenium	ND	13	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:34	OP
Silver	ND	1.3	mg/Kg dry	1	B-06	SW-846 6010B	12/10/10	12/10/10 17:34	OP
Thallium	ND	6.3	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:34	OP
Vanadium	29	2.5	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:34	OP
Zinc	1500	2.5	mg/Kg dry	1		SW-846 6010B	12/10/10	12/10/10 17:34	OP

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

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-Sump-4 | Sampled: 12/8/2010 14:03

Sample ID: 10L0264-08

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	21	0.92	mg/Kg dry	1		SW846 9014	12/14/10	12/14/10 10:30	VAK
% Solids	39.3		% Wt	1		SM 2540G	12/10/10	12/13/10 10:07	VAF

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

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-SB-120 (6-8) | Sampled: 12/8/2010 15:00

Sample ID: 10L0264-09

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	48	12	mg/Kg dry	1		CTDEP ETPH	12/10/10	12/15/10 11:16	CJM

Surrogates	% Recovery	Recovery Limits	Flag	
o-Terphenyl	75.2	50-150		12/15/10 11:16

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

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: GDC-SB-120 (6-8) | Sampled: 12/8/2010 15:00

Sample ID: 10L0264-09

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.8		% Wt	1		SM 2540G	12/10/10	12/13/10 10:07	VAF

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

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: TB20101208 | Sampled: 12/8/2010 00:00

Sample ID: 10L0264-10

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	mg/Kg wet	1	V-16	SW-846 8260B	12/9/10	12/9/10 16:17	MFF
Acrylonitrile	ND	0.0060	mg/Kg wet	1	V-16	SW-846 8260B	12/9/10	12/9/10 16:17	MFF
Benzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
Bromobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
Bromodichloromethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
Bromoform	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
Bromomethane	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
2-Butanone (MEK)	ND	0.040	mg/Kg wet	1	V-16	SW-846 8260B	12/9/10	12/9/10 16:17	MFF
n-Butylbenzene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
sec-Butylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
tert-Butylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
Carbon Disulfide	ND	0.0060	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
Carbon Tetrachloride	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
Chlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
Chlorodibromomethane	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
Chloroethane	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
Chloroform	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
Chloromethane	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
Dibromomethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
cis-1,3-Dichloropropene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
trans-1,3-Dichloropropene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
Ethylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
2-Hexanone (MBK)	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
Isopropylbenzene (Cumene)	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF

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

Project Location: 6 Rubber Ave., Naugatuck | Sample Description: | Work Order: 10L0264

Date Received: 12/8/2010

Field Sample #: TB20101208 | Sampled: 12/8/2010 00:00

Sample ID: 10L0264-10

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
Methylene Chloride	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
Naphthalene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
n-Propylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
Styrene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
Tetrachloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
Tetrahydrofuran	ND	0.010	mg/Kg wet	1	V-16	SW-846 8260B	12/9/10	12/9/10 16:17	MFF
Toluene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
Trichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
Vinyl Chloride	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
m+p Xylene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF
o-Xylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/9/10	12/9/10 16:17	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	110	70-130		12/9/10 16:17
Toluene-d8	97.6	70-130		12/9/10 16:17
4-Bromofluorobenzene	98.9	70-130		12/9/10 16:17

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Sample Extraction Data

Prep Method: SW-846 3546-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0264-01 [GDC-Sump-1]	B023499	15.0	1.00	12/10/10
10L0264-02 [GDC-SB-116 (4-6)]	B023499	30.1	1.00	12/10/10
10L0264-03 [GDC-SB-117 (10-12)]	B023499	30.0	1.00	12/10/10
10L0264-04 [GDC-SB-118 (6-8)]	B023499	15.0	1.00	12/10/10
10L0264-05 [GDC-Sump-2]	B023499	30.0	1.00	12/10/10
10L0264-06 [GDC-SB-119 (2-4)]	B023499	30.0	1.00	12/10/10
10L0264-07 [GDC-Sump-3]	B023499	15.1	1.00	12/10/10
10L0264-08 [GDC-Sump-4]	B023499	15.0	1.00	12/10/10
10L0264-09 [GDC-SB-120 (6-8)]	B023499	30.0	1.00	12/10/10

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
10L0264-01 [GDC-Sump-1]	B023476	12/10/10
10L0264-02 [GDC-SB-116 (4-6)]	B023476	12/10/10
10L0264-03 [GDC-SB-117 (10-12)]	B023476	12/10/10
10L0264-04 [GDC-SB-118 (6-8)]	B023476	12/10/10
10L0264-05 [GDC-Sump-2]	B023476	12/10/10
10L0264-06 [GDC-SB-119 (2-4)]	B023476	12/10/10
10L0264-07 [GDC-Sump-3]	B023476	12/10/10
10L0264-08 [GDC-Sump-4]	B023476	12/10/10
10L0264-09 [GDC-SB-120 (6-8)]	B023476	12/10/10

Prep Method: SW-846 3050B-SW-846 6010B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0264-01 [GDC-Sump-1]	B023466	1.00	50.0	12/10/10
10L0264-05 [GDC-Sump-2]	B023466	0.988	50.0	12/10/10
10L0264-07 [GDC-Sump-3]	B023466	1.02	50.0	12/10/10
10L0264-08 [GDC-Sump-4]	B023466	1.01	50.0	12/10/10

Prep Method: SW-846 7471-SW-846 7471A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0264-01 [GDC-Sump-1]	B023553	0.202	25.0	12/13/10
10L0264-05 [GDC-Sump-2]	B023553	0.224	25.0	12/13/10
10L0264-07 [GDC-Sump-3]	B023553	0.197	25.0	12/13/10
10L0264-08 [GDC-Sump-4]	B023553	0.231	25.0	12/13/10

Prep Method: SW-846 3546-SW-846 8082

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0264-07 [GDC-Sump-3]	B023437	10.0	50.0	12/09/10
10L0264-08 [GDC-Sump-4]	B023437	10.0	50.0	12/09/10

Prep Method: SW-846 3546-SW-846 8082

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0264-01 [GDC-Sump-1]	B023502	10.0	50.0	12/10/10

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Sample Extraction Data

Prep Method: SW-846 3546-SW-846 8082

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0264-05 [GDC-Sump-2]	B023502	10.0	50.0	12/10/10

Prep Method: SW-846 5035-SW-846 8260B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0264-01 [GDC-Sump-1]	B023465	10.1	10.0	12/09/10
10L0264-04 [GDC-SB-118 (6-8)]	B023465	7.40	10.0	12/09/10
10L0264-05 [GDC-Sump-2]	B023465	3.70	10.0	12/09/10
10L0264-06 [GDC-SB-119 (2-4)]	B023465	1.00	10.0	12/09/10
10L0264-07 [GDC-Sump-3]	B023465	3.80	10.0	12/09/10
10L0264-08 [GDC-Sump-4]	B023465	4.20	10.0	12/09/10
10L0264-10 [TB20101208]	B023465	5.00	10.0	12/09/10

Prep Method: SW-846 3546-SW-846 8270C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0264-01 [GDC-Sump-1]	B023504	30.0	1.00	12/10/10
10L0264-01RE1 [GDC-Sump-1]	B023504	30.0	1.00	12/10/10
10L0264-05 [GDC-Sump-2]	B023504	30.0	1.00	12/10/10
10L0264-07 [GDC-Sump-3]	B023504	30.0	2.00	12/10/10
10L0264-07RE1 [GDC-Sump-3]	B023504	30.0	2.00	12/10/10
10L0264-08 [GDC-Sump-4]	B023504	30.0	1.00	12/10/10

SW846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0264-01 [GDC-Sump-1]	B023650	1.53	50.0	12/14/10
10L0264-05 [GDC-Sump-2]	B023650	1.35	50.0	12/14/10
10L0264-07 [GDC-Sump-3]	B023650	1.62	50.0	12/14/10
10L0264-08 [GDC-Sump-4]	B023650	1.38	50.0	12/14/10

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023465 - SW-846 5035										
Blank (B023465-BLK1)				Prepared & Analyzed: 12/09/10						
Acetone	ND	0.10	mg/Kg wet							V-16
Acrylonitrile	ND	0.0060	mg/Kg wet							V-16
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							V-16
n-Butylbenzene	ND	0.0040	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0040	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0040	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0020	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0040	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0040	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023465 - SW-846 5035											
Blank (B023465-BLK1)				Prepared & Analyzed: 12/09/10							
Tetrachloroethylene	ND	0.0020	mg/Kg wet								
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16	
Toluene	ND	0.0020	mg/Kg wet								
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet								
Trichloroethylene	ND	0.0020	mg/Kg wet								
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet								
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet								
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet								
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet								
Vinyl Chloride	ND	0.010	mg/Kg wet								
m+p Xylene	ND	0.0040	mg/Kg wet								
o-Xylene	ND	0.0020	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0518*		mg/Kg wet	0.0500		104	70-130				
Surrogate: Toluene-d8	*0.0465*		mg/Kg wet	0.0500		93.0	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0491*		mg/Kg wet	0.0500		98.2	70-130				
LCS (B023465-BS1)				Prepared & Analyzed: 12/09/10							
Acetone	0.227	0.10	mg/Kg wet	0.200		113	70-130			V-16	†
Acrylonitrile	0.0218	0.0060	mg/Kg wet	0.0200		109	70-130			V-16	
Benzene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130				
Bromobenzene	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130				
Bromodichloromethane	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130				
Bromoform	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130				
Bromomethane	0.0202	0.010	mg/Kg wet	0.0200		101	70-130				†
2-Butanone (MEK)	0.209	0.040	mg/Kg wet	0.200		105	70-130			V-16	†
n-Butylbenzene	0.0199	0.0040	mg/Kg wet	0.0200		99.4	70-130				
sec-Butylbenzene	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130				
tert-Butylbenzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130				†
Carbon Disulfide	0.245	0.0060	mg/Kg wet	0.200		122	70-130				
Carbon Tetrachloride	0.0206	0.0040	mg/Kg wet	0.0200		103	70-130				
Chlorobenzene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130				
Chlorodibromomethane	0.0190	0.0040	mg/Kg wet	0.0200		95.0	70-130				
Chloroethane	0.0215	0.020	mg/Kg wet	0.0200		107	70-130				
Chloroform	0.0213	0.0040	mg/Kg wet	0.0200		106	70-130				
Chloromethane	0.0206	0.010	mg/Kg wet	0.0200		103	70-130				
2-Chlorotoluene	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130				
4-Chlorotoluene	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0238	0.0020	mg/Kg wet	0.0200		119	70-130				
1,2-Dibromoethane (EDB)	0.0195	0.0010	mg/Kg wet	0.0200		97.7	70-130				
Dibromomethane	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130				
1,2-Dichlorobenzene	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130				
1,3-Dichlorobenzene	0.0215	0.0020	mg/Kg wet	0.0200		107	70-130				
1,4-Dichlorobenzene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130				
trans-1,4-Dichloro-2-butene	0.0238	0.0040	mg/Kg wet	0.0200		119	70-130				
Dichlorodifluoromethane (Freon 12)	0.0215	0.020	mg/Kg wet	0.0200		107	70-130				†
1,1-Dichloroethane	0.0199	0.0020	mg/Kg wet	0.0200		99.3	70-130				
1,2-Dichloroethane	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130				
1,1-Dichloroethylene	0.0222	0.0040	mg/Kg wet	0.0200		111	70-130				

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023465 - SW-846 5035											
LCS (B023465-BS1)				Prepared & Analyzed: 12/09/10							
cis-1,2-Dichloroethylene	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130				
trans-1,2-Dichloroethylene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130				
1,2-Dichloropropane	0.0196	0.0020	mg/Kg wet	0.0200		98.2	70-130				
1,3-Dichloropropane	0.0196	0.0010	mg/Kg wet	0.0200		97.8	70-130				
2,2-Dichloropropane	0.0244	0.0020	mg/Kg wet	0.0200		122	70-130				
1,1-Dichloropropene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130				
cis-1,3-Dichloropropene	0.0211	0.0020	mg/Kg wet	0.0200		105	70-130				
trans-1,3-Dichloropropene	0.0202	0.0040	mg/Kg wet	0.0200		101	70-130				
Ethylbenzene	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130				
Hexachlorobutadiene	0.0201	0.0020	mg/Kg wet	0.0200		101	70-130				
2-Hexanone (MBK)	0.189	0.020	mg/Kg wet	0.200		94.7	70-130				†
Isopropylbenzene (Cumene)	0.0190	0.0040	mg/Kg wet	0.0200		95.2	70-130				
p-Isopropyltoluene (p-Cymene)	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130				
Methyl tert-Butyl Ether (MTBE)	0.0224	0.0040	mg/Kg wet	0.0200		112	70-130				
Methylene Chloride	0.0207	0.020	mg/Kg wet	0.0200		104	70-130				†
4-Methyl-2-pentanone (MIBK)	0.192	0.020	mg/Kg wet	0.200		96.2	70-130				†
Naphthalene	0.0196	0.0040	mg/Kg wet	0.0200		97.9	70-130				†
n-Propylbenzene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130				
Styrene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130				
1,1,1,2-Tetrachloroethane	0.0209	0.0020	mg/Kg wet	0.0200		105	70-130				
1,1,2,2-Tetrachloroethane	0.0181	0.0010	mg/Kg wet	0.0200		90.3	70-130				
Tetrachloroethylene	0.0200	0.0020	mg/Kg wet	0.0200		99.8	70-130				
Tetrahydrofuran	0.0236	0.010	mg/Kg wet	0.0200		118	70-130			V-16	
Toluene	0.0190	0.0020	mg/Kg wet	0.0200		95.0	70-130				
1,2,3-Trichlorobenzene	0.0184	0.0020	mg/Kg wet	0.0200		92.2	70-130				
1,2,4-Trichlorobenzene	0.0178	0.0020	mg/Kg wet	0.0200		88.9	70-130				
1,1,1-Trichloroethane	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130				
1,1,2-Trichloroethane	0.0191	0.0020	mg/Kg wet	0.0200		95.3	70-130				
Trichloroethylene	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130				
Trichlorofluoromethane (Freon 11)	0.0224	0.010	mg/Kg wet	0.0200		112	70-130				
1,2,3-Trichloropropane	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0244	0.010	mg/Kg wet	0.0200		122	70-130				
1,2,4-Trimethylbenzene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130				
1,3,5-Trimethylbenzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130				
Vinyl Chloride	0.0213	0.010	mg/Kg wet	0.0200		106	70-130				†
m+p Xylene	0.0402	0.0040	mg/Kg wet	0.0400		100	70-130				
o-Xylene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0519*		mg/Kg wet	0.0500		104	70-130				
Surrogate: Toluene-d8	*0.0492*		mg/Kg wet	0.0500		98.4	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0494*		mg/Kg wet	0.0500		98.9	70-130				

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023504 - SW-846 3546										
Blank (B023504-BLK1)				Prepared: 12/10/10 Analyzed: 12/11/10						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							V-05
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.66	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.66	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							V-04
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							V-04
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.66	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.66	mg/Kg wet							
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
2-Nitroaniline	ND	0.34	mg/Kg wet							
3-Nitroaniline	ND	0.34	mg/Kg wet							
4-Nitroaniline	ND	0.34	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023504 - SW-846 3546											
Blank (B023504-BLK1)				Prepared: 12/10/10 Analyzed: 12/11/10							
4-Nitrophenol	ND	0.66	mg/Kg wet								
N-Nitrosodiphenylamine	ND	0.34	mg/Kg wet								
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet								
Pentachloronitrobenzene	ND	0.34	mg/Kg wet							V-16	
Pentachlorophenol	ND	0.34	mg/Kg wet								
Phenanthrene	ND	0.17	mg/Kg wet								
Phenol	ND	0.34	mg/Kg wet								
Pyrene	ND	0.17	mg/Kg wet								
Pyridine	ND	0.34	mg/Kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet								
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet								
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet								
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet								
Surrogate: 2-Fluorophenol	*5.19*		mg/Kg wet	6.67		77.9	30-130				
Surrogate: Phenol-d6	*4.76*		mg/Kg wet	6.67		71.4	30-130				
Surrogate: Nitrobenzene-d5	*2.31*		mg/Kg wet	3.33		69.4	30-130				
Surrogate: 2-Fluorobiphenyl	*2.66*		mg/Kg wet	3.33		79.9	30-130				
Surrogate: 2,4,6-Tribromophenol	*5.92*		mg/Kg wet	6.67		88.8	30-130				
Surrogate: Terphenyl-d14	*3.37*		mg/Kg wet	3.33		101	30-130				
LCS (B023504-BS1)				Prepared: 12/10/10 Analyzed: 12/11/10							
Acenaphthene	1.22	0.17	mg/Kg wet	1.67		73.4	40-140				
Acenaphthylene	1.21	0.17	mg/Kg wet	1.67		72.6	40-140				
Aniline	0.765	0.34	mg/Kg wet	1.67		45.9	40-140				†
Anthracene	1.31	0.17	mg/Kg wet	1.67		78.7	40-140				
Benzo(a)anthracene	1.35	0.17	mg/Kg wet	1.67		80.8	40-140				
Benzo(a)pyrene	1.33	0.17	mg/Kg wet	1.67		79.8	40-140				
Benzo(b)fluoranthene	1.23	0.17	mg/Kg wet	1.67		73.5	40-140				
Benzo(g,h,i)perylene	1.57	0.17	mg/Kg wet	1.67		94.2	40-140				
Benzo(k)fluoranthene	1.30	0.17	mg/Kg wet	1.67		77.7	40-140				
Bis(2-chloroethoxy)methane	1.41	0.34	mg/Kg wet	1.67		84.4	40-140				
Bis(2-chloroethyl)ether	1.32	0.34	mg/Kg wet	1.67		79.3	40-140				
Bis(2-chloroisopropyl)ether	1.06	0.34	mg/Kg wet	1.67		63.3	40-140			V-05	
Bis(2-Ethylhexyl)phthalate	2.07	0.34	mg/Kg wet	1.67		124	40-140				
4-Bromophenylphenylether	1.45	0.34	mg/Kg wet	1.67		86.8	40-140				
Butylbenzylphthalate	1.93	0.66	mg/Kg wet	1.67		116	40-140				
Carbazole	1.36	0.17	mg/Kg wet	1.67		81.9	40-140				
4-Chloroaniline	0.779	0.66	mg/Kg wet	1.67		46.7	40-140				†
4-Chloro-3-methylphenol	1.47	0.66	mg/Kg wet	1.67		88.4	30-130				
2-Chloronaphthalene	1.26	0.34	mg/Kg wet	1.67		75.6	40-140				
2-Chlorophenol	1.44	0.34	mg/Kg wet	1.67		86.7	30-130				
4-Chlorophenylphenylether	1.58	0.34	mg/Kg wet	1.67		94.6	40-140				
Chrysene	1.31	0.17	mg/Kg wet	1.67		78.8	40-140				
Dibenz(a,h)anthracene	1.57	0.17	mg/Kg wet	1.67		94.0	40-140				
Dibenzofuran	1.50	0.34	mg/Kg wet	1.67		90.1	40-140				
Di-n-butylphthalate	1.74	0.34	mg/Kg wet	1.67		105	40-140				
3,3-Dichlorobenzidine	1.36	0.17	mg/Kg wet	1.67		81.5	40-140				†
2,4-Dichlorophenol	1.50	0.34	mg/Kg wet	1.67		90.3	30-130				
Diethylphthalate	1.59	0.34	mg/Kg wet	1.67		95.2	40-140				
2,4-Dimethylphenol	1.42	0.34	mg/Kg wet	1.67		84.9	30-130				
Dimethylphthalate	1.57	0.66	mg/Kg wet	1.67		94.5	40-140				
4,6-Dinitro-2-methylphenol	1.66	0.34	mg/Kg wet	1.67		99.7	30-130			V-04	

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023504 - SW-846 3546										
LCS (B023504-BS1)				Prepared: 12/10/10 Analyzed: 12/11/10						
2,4-Dinitrophenol	1.47	0.66	mg/Kg wet	1.67		88.0	30-130			V-04
2,4-Dinitrotoluene	1.66	0.34	mg/Kg wet	1.67		99.8	40-140			
2,6-Dinitrotoluene	1.73	0.34	mg/Kg wet	1.67		104	40-140			
Di-n-octylphthalate	1.88	0.66	mg/Kg wet	1.67		113	40-140			
Fluoranthene	1.50	0.17	mg/Kg wet	1.67		90.0	40-140			
Fluorene	1.30	0.17	mg/Kg wet	1.67		77.7	40-140			
Hexachlorobenzene	1.38	0.34	mg/Kg wet	1.67		82.6	40-140			
Hexachlorobutadiene	1.56	0.34	mg/Kg wet	1.67		93.7	40-140			
Hexachlorocyclopentadiene	1.28	0.66	mg/Kg wet	1.67		76.8	30-140			
Hexachloroethane	1.38	0.34	mg/Kg wet	1.67		83.0	40-140			
Indeno(1,2,3-cd)pyrene	1.65	0.17	mg/Kg wet	1.67		98.9	40-140			
Isophorone	1.30	0.34	mg/Kg wet	1.67		77.9	40-140			
2-Methylnaphthalene	1.39	0.17	mg/Kg wet	1.67		83.6	40-140			
2-Methylphenol	1.42	0.34	mg/Kg wet	1.67		85.1	30-130			
3/4-Methylphenol	1.37	0.34	mg/Kg wet	1.67		82.3	30-130			
Naphthalene	1.19	0.17	mg/Kg wet	1.67		71.4	40-140			
2-Nitroaniline	1.25	0.34	mg/Kg wet	1.67		74.8	40-140			
3-Nitroaniline	1.08	0.34	mg/Kg wet	1.67		64.5	40-140			†
4-Nitroaniline	1.48	0.34	mg/Kg wet	1.67		88.6	40-140			
Nitrobenzene	1.20	0.34	mg/Kg wet	1.67		72.2	40-140			
2-Nitrophenol	1.69	0.34	mg/Kg wet	1.67		102	30-130			
4-Nitrophenol	1.20	0.66	mg/Kg wet	1.67		72.3	10-130			
N-Nitrosodiphenylamine	1.70	0.34	mg/Kg wet	1.67		102	40-140			
N-Nitrosodi-n-propylamine	1.29	0.34	mg/Kg wet	1.67		77.7	40-140			
Pentachloronitrobenzene	0.913	0.34	mg/Kg wet	0.833		110	40-140			V-16
Pentachlorophenol	1.02	0.34	mg/Kg wet	1.67		61.3	30-130			
Phenanthrene	1.27	0.17	mg/Kg wet	1.67		76.0	40-140			
Phenol	1.35	0.34	mg/Kg wet	1.67		81.1	20-130			
Pyrene	1.56	0.17	mg/Kg wet	1.67		93.3	40-140			
Pyridine	1.03	0.34	mg/Kg wet	1.67		61.5	10-140			†
1,2,4,5-Tetrachlorobenzene	0.733	0.34	mg/Kg wet	0.833		88.0	40-140			
1,2,4-Trichlorobenzene	1.57	0.34	mg/Kg wet	1.67		93.9	40-140			
2,4,5-Trichlorophenol	1.42	0.34	mg/Kg wet	1.67		85.5	30-130			
2,4,6-Trichlorophenol	1.46	0.34	mg/Kg wet	1.67		87.8	30-130			
Surrogate: 2-Fluorophenol	*5.45*		mg/Kg wet	6.67		81.8	30-130			
Surrogate: Phenol-d6	*5.09*		mg/Kg wet	6.67		76.3	30-130			
Surrogate: Nitrobenzene-d5	*2.48*		mg/Kg wet	3.33		74.5	30-130			
Surrogate: 2-Fluorobiphenyl	*2.80*		mg/Kg wet	3.33		84.2	30-130			
Surrogate: 2,4,6-Tribromophenol	*6.76*		mg/Kg wet	6.67		101	30-130			
Surrogate: Terphenyl-d14	*3.65*		mg/Kg wet	3.33		110	30-130			
LCS Dup (B023504-BSD1)				Prepared: 12/10/10 Analyzed: 12/11/10						
Acenaphthene	1.18	0.17	mg/Kg wet	1.67		70.9	40-140	3.41	20	
Acenaphthylene	1.17	0.17	mg/Kg wet	1.67		70.1	40-140	3.50	20	
Aniline	0.711	0.34	mg/Kg wet	1.67		42.7	40-140	7.23	50	† ‡
Anthracene	1.24	0.17	mg/Kg wet	1.67		74.7	40-140	5.22	20	
Benzo(a)anthracene	1.32	0.17	mg/Kg wet	1.67		79.1	40-140	2.05	20	
Benzo(a)pyrene	1.30	0.17	mg/Kg wet	1.67		78.0	40-140	2.26	20	
Benzo(b)fluoranthene	1.22	0.17	mg/Kg wet	1.67		73.2	40-140	0.463	20	
Benzo(g,h,i)perylene	1.56	0.17	mg/Kg wet	1.67		93.5	40-140	0.810	20	
Benzo(k)fluoranthene	1.25	0.17	mg/Kg wet	1.67		75.2	40-140	3.24	20	
Bis(2-chloroethoxy)methane	1.35	0.34	mg/Kg wet	1.67		81.2	40-140	3.96	20	

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023504 - SW-846 3546										
LCS Dup (B023504-BSD1)				Prepared: 12/10/10 Analyzed: 12/11/10						
Bis(2-chloroethyl)ether	1.32	0.34	mg/Kg wet	1.67		78.9	40-140	0.430	20	
Bis(2-chloroisopropyl)ether	1.03	0.34	mg/Kg wet	1.67		61.7	40-140	2.66	20	V-05
Bis(2-Ethylhexyl)phthalate	2.10	0.34	mg/Kg wet	1.67		126	40-140	1.32	20	
4-Bromophenylphenylether	1.43	0.34	mg/Kg wet	1.67		85.9	40-140	1.13	20	
Butylbenzylphthalate	2.08	0.66	mg/Kg wet	1.67		125	40-140	7.05	20	
Carbazole	1.30	0.17	mg/Kg wet	1.67		78.0	40-140	4.80	20	
4-Chloroaniline	0.675	0.66	mg/Kg wet	1.67		40.5	40-140	14.3	20	†
4-Chloro-3-methylphenol	1.43	0.66	mg/Kg wet	1.67		85.7	30-130	3.08	20	
2-Chloronaphthalene	1.23	0.34	mg/Kg wet	1.67		74.0	40-140	2.19	20	
2-Chlorophenol	1.37	0.34	mg/Kg wet	1.67		82.2	30-130	5.35	20	
4-Chlorophenylphenylether	1.57	0.34	mg/Kg wet	1.67		94.1	40-140	0.572	20	
Chrysene	1.30	0.17	mg/Kg wet	1.67		78.3	40-140	0.611	20	
Dibenz(a,h)anthracene	1.52	0.17	mg/Kg wet	1.67		91.4	40-140	2.83	20	
Dibenzofuran	1.45	0.34	mg/Kg wet	1.67		87.0	40-140	3.50	20	
Di-n-butylphthalate	1.75	0.34	mg/Kg wet	1.67		105	40-140	0.591	20	
3,3-Dichlorobenzidine	1.33	0.17	mg/Kg wet	1.67		79.6	40-140	2.28	20	† ‡
2,4-Dichlorophenol	1.44	0.34	mg/Kg wet	1.67		86.6	30-130	4.19	20	
Diethylphthalate	1.60	0.34	mg/Kg wet	1.67		96.1	40-140	0.920	20	
2,4-Dimethylphenol	1.38	0.34	mg/Kg wet	1.67		82.8	30-130	2.48	20	
Dimethylphthalate	1.55	0.66	mg/Kg wet	1.67		93.0	40-140	1.54	50	
4,6-Dinitro-2-methylphenol	1.62	0.34	mg/Kg wet	1.67		97.0	30-130	2.70	50	V-04
2,4-Dinitrophenol	1.34	0.66	mg/Kg wet	1.67		80.2	30-130	9.34	50	V-04
2,4-Dinitrotoluene	1.67	0.34	mg/Kg wet	1.67		100	40-140	0.480	20	
2,6-Dinitrotoluene	1.71	0.34	mg/Kg wet	1.67		102	40-140	1.11	20	
Di-n-octylphthalate	1.79	0.66	mg/Kg wet	1.67		107	40-140	4.78	20	
Fluoranthene	1.32	0.17	mg/Kg wet	1.67		79.3	40-140	12.6	20	
Fluorene	1.25	0.17	mg/Kg wet	1.67		74.8	40-140	3.85	20	
Hexachlorobenzene	1.35	0.34	mg/Kg wet	1.67		81.0	40-140	1.86	20	
Hexachlorobutadiene	1.53	0.34	mg/Kg wet	1.67		91.9	40-140	1.90	20	
Hexachlorocyclopentadiene	1.30	0.66	mg/Kg wet	1.67		78.2	30-140	1.86	50	
Hexachloroethane	1.44	0.34	mg/Kg wet	1.67		86.2	40-140	3.69	50	
Indeno(1,2,3-cd)pyrene	1.63	0.17	mg/Kg wet	1.67		98.0	40-140	0.935	50	
Isophorone	1.26	0.34	mg/Kg wet	1.67		75.6	40-140	3.02	20	
2-Methylnaphthalene	1.35	0.17	mg/Kg wet	1.67		81.1	40-140	3.01	20	
2-Methylphenol	1.29	0.34	mg/Kg wet	1.67		77.4	30-130	9.47	20	
3/4-Methylphenol	1.24	0.34	mg/Kg wet	1.67		74.1	30-130	10.4	20	
Naphthalene	1.15	0.17	mg/Kg wet	1.67		69.2	40-140	3.19	20	
2-Nitroaniline	1.23	0.34	mg/Kg wet	1.67		73.5	40-140	1.67	20	
3-Nitroaniline	1.01	0.34	mg/Kg wet	1.67		60.4	40-140	6.50	20	†
4-Nitroaniline	1.41	0.34	mg/Kg wet	1.67		84.6	40-140	4.55	20	
Nitrobenzene	1.17	0.34	mg/Kg wet	1.67		70.4	40-140	2.47	20	
2-Nitrophenol	1.68	0.34	mg/Kg wet	1.67		100	30-130	1.11	20	
4-Nitrophenol	1.09	0.66	mg/Kg wet	1.67		65.4	10-130	10.1	50	‡
N-Nitrosodiphenylamine	1.70	0.34	mg/Kg wet	1.67		102	40-140	0.157	20	
N-Nitrosodi-n-propylamine	1.22	0.34	mg/Kg wet	1.67		73.0	40-140	6.24	20	
Pentachloronitrobenzene	0.901	0.34	mg/Kg wet	0.833		108	40-140	1.36	20	V-16
Pentachlorophenol	0.947	0.34	mg/Kg wet	1.67		56.8	30-130	7.59	50	
Phenanthrene	1.22	0.17	mg/Kg wet	1.67		73.0	40-140	3.95	20	
Phenol	1.24	0.34	mg/Kg wet	1.67		74.4	20-130	8.65	20	
Pyrene	1.73	0.17	mg/Kg wet	1.67		104	40-140	10.7	20	
Pyridine	1.07	0.34	mg/Kg wet	1.67		64.2	10-140	4.33	50	†
1,2,4,5-Tetrachlorobenzene	0.706	0.34	mg/Kg wet	0.833		84.7	40-140	3.80	20	

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023504 - SW-846 3546										
LCS Dup (B023504-BSD1)				Prepared: 12/10/10 Analyzed: 12/11/10						
1,2,4-Trichlorobenzene	1.55	0.34	mg/Kg wet	1.67		92.7	40-140	1.26	20	
2,4,5-Trichlorophenol	1.36	0.34	mg/Kg wet	1.67		81.5	30-130	4.84	20	
2,4,6-Trichlorophenol	1.41	0.34	mg/Kg wet	1.67		84.8	30-130	3.45	50	
Surrogate: 2-Fluorophenol	*4.94*		mg/Kg wet	6.67		74.1	30-130			
Surrogate: Phenol-d6	*4.62*		mg/Kg wet	6.67		69.3	30-130			
Surrogate: Nitrobenzene-d5	*2.37*		mg/Kg wet	3.33		71.0	30-130			
Surrogate: 2-Fluorobiphenyl	*2.65*		mg/Kg wet	3.33		79.5	30-130			
Surrogate: 2,4,6-Tribromophenol	*6.25*		mg/Kg wet	6.67		93.7	30-130			
Surrogate: Terphenyl-d14	*4.01*		mg/Kg wet	3.33		120	30-130			

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023437 - SW-846 3546										
Blank (B023437-BLK1)				Prepared: 12/09/10 Analyzed: 12/10/10						
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.189*		mg/Kg wet	0.200		94.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.201*		mg/Kg wet	0.200		100	30-150			
Surrogate: Tetrachloro-m-xylene	*0.227*		mg/Kg wet	0.200		114	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.238*		mg/Kg wet	0.200		119	30-150			
LCS (B023437-BS1)				Prepared: 12/09/10 Analyzed: 12/10/10						
Aroclor-1016	0.21	0.10	mg/Kg wet	0.200		105	40-140			
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		108	40-140			
Aroclor-1260	0.18	0.10	mg/Kg wet	0.200		92.1	40-140			
Aroclor-1260 [2C]	0.19	0.10	mg/Kg wet	0.200		95.7	40-140			
Surrogate: Decachlorobiphenyl	*0.176*		mg/Kg wet	0.200		88.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.186*		mg/Kg wet	0.200		93.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.212*		mg/Kg wet	0.200		106	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.222*		mg/Kg wet	0.200		111	30-150			
LCS Dup (B023437-BSD1)				Prepared: 12/09/10 Analyzed: 12/10/10						
Aroclor-1016	0.22	0.10	mg/Kg wet	0.200		110	40-140	4.52	30	
Aroclor-1016 [2C]	0.23	0.10	mg/Kg wet	0.200		114	40-140	4.86	30	
Aroclor-1260	0.21	0.10	mg/Kg wet	0.200		104	40-140	12.6	30	
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200		105	40-140	9.46	30	
Surrogate: Decachlorobiphenyl	*0.200*		mg/Kg wet	0.200		100	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.206*		mg/Kg wet	0.200		103	30-150			
Surrogate: Tetrachloro-m-xylene	*0.225*		mg/Kg wet	0.200		112	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.234*		mg/Kg wet	0.200		117	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023502 - SW-846 3546										
Blank (B023502-BLK1)				Prepared: 12/10/10 Analyzed: 12/13/10						
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.246*		mg/Kg wet	0.200		123	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.256*		mg/Kg wet	0.200		128	30-150			
Surrogate: Tetrachloro-m-xylene	*0.245*		mg/Kg wet	0.200		123	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.258*		mg/Kg wet	0.200		129	30-150			
LCS (B023502-BS1)				Prepared: 12/10/10 Analyzed: 12/13/10						
Aroclor-1016	0.24	0.10	mg/Kg wet	0.200		122	40-140			
Aroclor-1016 [2C]	0.25	0.10	mg/Kg wet	0.200		126	40-140			
Aroclor-1260	0.25	0.10	mg/Kg wet	0.200		124	40-140			
Aroclor-1260 [2C]	0.25	0.10	mg/Kg wet	0.200		125	40-140			
Surrogate: Decachlorobiphenyl	*0.247*		mg/Kg wet	0.200		123	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.257*		mg/Kg wet	0.200		129	30-150			
Surrogate: Tetrachloro-m-xylene	*0.255*		mg/Kg wet	0.200		127	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.267*		mg/Kg wet	0.200		133	30-150			
LCS Dup (B023502-BSD1)				Prepared: 12/10/10 Analyzed: 12/13/10						
Aroclor-1016	0.25	0.10	mg/Kg wet	0.200		123	40-140	0.731	30	
Aroclor-1016 [2C]	0.25	0.10	mg/Kg wet	0.200		126	40-140	0.386	30	
Aroclor-1260	0.25	0.10	mg/Kg wet	0.200		127	40-140	2.85	30	
Aroclor-1260 [2C]	0.25	0.10	mg/Kg wet	0.200		126	40-140	1.03	30	
Surrogate: Decachlorobiphenyl	*0.251*		mg/Kg wet	0.200		126	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.260*		mg/Kg wet	0.200		130	30-150			
Surrogate: Tetrachloro-m-xylene	*0.243*		mg/Kg wet	0.200		122	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.253*		mg/Kg wet	0.200		127	30-150			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023499 - SW-846 3546										
Blank (B023499-BLK1)				Prepared: 12/10/10 Analyzed: 12/13/10						
CT ETPH	ND	10	mg/Kg wet							
Surrogate: o-Terphenyl	*3.26*		mg/Kg wet	3.33		97.7	50-150			
LCS (B023499-BS1)				Prepared: 12/10/10 Analyzed: 12/13/10						
CT ETPH	30.3	10	mg/Kg wet	33.3		90.8	60-120			
Surrogate: o-Terphenyl	*3.21*		mg/Kg wet	3.33		96.4	50-150			
LCS Dup (B023499-BSD1)				Prepared: 12/10/10 Analyzed: 12/13/10						
CT ETPH	29.8	10	mg/Kg wet	33.3		89.4	60-120	1.53	30	
Surrogate: o-Terphenyl	*3.20*		mg/Kg wet	3.33		96.0	50-150			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023466 - SW-846 3050B										
Blank (B023466-BLK1)				Prepared & Analyzed: 12/10/10						
Antimony	ND	2.5	mg/Kg wet							
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Beryllium	ND	0.25	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Copper	ND	0.50	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
Nickel	ND	0.50	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							
Thallium	ND	2.5	mg/Kg wet							
Vanadium	ND	1.0	mg/Kg wet							
Zinc	ND	1.0	mg/Kg wet							
LCS (B023466-BS1)				Prepared & Analyzed: 12/10/10						
Antimony	109	5.1	mg/Kg wet	103		106	30-203.7			
Arsenic	92.2	5.1	mg/Kg wet	107		86.2	81.6-118.4			
Barium	330	5.1	mg/Kg wet	331		99.8	80.7-119.3			
Beryllium	73.1	0.51	mg/Kg wet	74.1		98.7	81.6-118.9			
Cadmium	231	0.51	mg/Kg wet	244		94.7	82.4-117.6			
Chromium	78.1	1.0	mg/Kg wet	80.6		96.9	78.8-120.7			
Copper	63.0	1.0	mg/Kg wet	65.3		96.5	83.7-117.1			
Lead	114	1.5	mg/Kg wet	107		106	79.1-120.3			
Nickel	90.8	1.0	mg/Kg wet	96.8		93.8	81.2-119.2			
Selenium	160	10	mg/Kg wet	177		90.3	78.4-120.9			
Silver	40.2	1.0	mg/Kg wet	46.2		87.1	66.2-133.6			
Thallium	254	5.1	mg/Kg wet	272		93.3	77.6-122.4			
Vanadium	116	2.0	mg/Kg wet	115		101	79.4-120.1			
Zinc	390	2.0	mg/Kg wet	378		103	80.5-119.3			
LCS (B023466-BS2)				Prepared & Analyzed: 12/10/10						
Lead	0.750	0.74	mg/Kg wet	0.735		102	80-120			
LCS Dup (B023466-BSD1)				Prepared & Analyzed: 12/10/10						
Antimony	110	5.1	mg/Kg wet	103		107	30-203.7	0.553	30	
Arsenic	89.1	5.1	mg/Kg wet	107		83.2	81.6-118.4	3.49	30	
Barium	323	5.1	mg/Kg wet	331		97.5	80.7-119.3	2.39	30	
Beryllium	70.4	0.51	mg/Kg wet	74.1		95.0	81.6-118.9	3.76	30	
Cadmium	227	0.51	mg/Kg wet	244		93.2	82.4-117.6	1.56	30	
Chromium	74.7	1.0	mg/Kg wet	80.6		92.7	78.8-120.7	4.46	30	
Copper	60.1	1.0	mg/Kg wet	65.3		92.0	83.7-117.1	4.77	30	
Lead	93.1	1.5	mg/Kg wet	107		87.0	79.1-120.3	19.9	30	
Nickel	87.8	1.0	mg/Kg wet	96.8		90.7	81.2-119.2	3.37	30	
Selenium	159	10	mg/Kg wet	177		90.1	78.4-120.9	0.311	30	
Silver	37.3	1.0	mg/Kg wet	46.2		80.8	66.2-133.6	7.47	30	
Thallium	249	5.1	mg/Kg wet	272		91.5	77.6-122.4	1.94	30	
Vanadium	112	2.0	mg/Kg wet	115		97.2	79.4-120.1	3.56	30	
Zinc	339	2.0	mg/Kg wet	378		89.6	80.5-119.3	13.9	30	

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

QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023553 - SW-846 7471										
Blank (B023553-BLK1)				Prepared & Analyzed: 12/13/10						
Mercury	ND	0.025	mg/Kg wet							
LCS (B023553-BS1)				Prepared & Analyzed: 12/13/10						
Mercury	1.22	0.034	mg/Kg wet	1.25		97.3	66-132			
LCS Dup (B023553-BSD1)				Prepared & Analyzed: 12/13/10						
Mercury	1.12	0.033	mg/Kg wet	1.25		89.4	66-132	8.49	30	

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD		RPD Limit	Notes
Batch B023650 - SW846 9014											
Blank (B023650-BLK1)				Prepared & Analyzed: 12/14/10							
Cyanide	ND	0.49	mg/Kg wet								
LCS (B023650-BS1)				Prepared & Analyzed: 12/14/10							
Cyanide	41	0.91	mg/Kg wet	44.4		93.4	80-120				
LCS Dup (B023650-BSD1)				Prepared & Analyzed: 12/14/10							
Cyanide	46	0.92	mg/Kg wet	44.8		103	80-120	10.7		20	
Matrix Spike (B023650-MS1)	**Source: 10L0264-05**			Prepared & Analyzed: 12/14/10							
Cyanide	11	0.32	mg/Kg dry	10.9	ND	99.4	75-125				R-06
Matrix Spike Dup (B023650-MSD1)	**Source: 10L0264-05**			Prepared & Analyzed: 12/14/10							
Cyanide	13	0.37	mg/Kg dry	12.6	ND	107	75-125	**21.4**	*	20	R-06

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
B-06	Continuing calibration blank did not meet method specified criteria. Data is not affected since all associated samples were "Not Detected" even though CCB value was above the reporting limit.
E	Reported result is estimated. Value reported over verified calibration range.
R-06	Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.
V-04	Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Soil	
CT ETPH	CT
SW-846 6010B in Soil	
Antimony	CT,NH,NY
Arsenic	CT,NH,NY
Barium	CT,NH,NY
Beryllium	CT,NH,NY
Cadmium	CT,NH,NY
Chromium	CT,NH,NY
Copper	CT,NH,NY
Lead	CT,NH,NY,AIHA
Nickel	CT,NH,NY
Selenium	CT,NH,NY
Silver	CT,NH,NY
Thallium	CT,NH,NY
Vanadium	CT,NH,NY
Zinc	CT,NH,NY
SW-846 7471A in Soil	
Mercury	CT,NH,NY
SW-846 8082 in Soil	
Aroclor-1016	CT,NH,NY,NC
Aroclor-1016 [2C]	CT,NH,NY,NC
Aroclor-1221	CT,NH,NY,NC
Aroclor-1221 [2C]	CT,NH,NY,NC
Aroclor-1232	CT,NH,NY,NC
Aroclor-1232 [2C]	CT,NH,NY,NC
Aroclor-1242	CT,NH,NY,NC
Aroclor-1242 [2C]	CT,NH,NY,NC
Aroclor-1248	CT,NH,NY,NC
Aroclor-1248 [2C]	CT,NH,NY,NC
Aroclor-1254	CT,NH,NY,NC
Aroclor-1254 [2C]	CT,NH,NY,NC
Aroclor-1260	CT,NH,NY,NC
Aroclor-1260 [2C]	CT,NH,NY,NC
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260B in Soil	
Acetone	CT,NH,NY,NC
Acrylonitrile	CT,NH,NY,NC
Benzene	CT,NH,NY,NC
Bromobenzene	NH,NY,NC
Bromodichloromethane	CT,NH,NY,NC
Bromoform	CT,NH,NY,NC
Bromomethane	CT,NH,NY,NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Soil	
2-Butanone (MEK)	CT,NH,NY,NC
n-Butylbenzene	CT,NH,NY,NC
sec-Butylbenzene	CT,NH,NY,NC
tert-Butylbenzene	CT,NH,NY,NC
Carbon Disulfide	CT,NH,NY,NC
Carbon Tetrachloride	CT,NH,NY,NC
Chlorobenzene	CT,NH,NY,NC
Chlorodibromomethane	CT,NH,NY,NC
Chloroethane	CT,NH,NY,NC
Chloroform	CT,NH,NY,NC
Chloromethane	CT,NH,NY,NC
2-Chlorotoluene	CT,NH,NY,NC
4-Chlorotoluene	CT,NH,NY,NC
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC
Dibromomethane	NH,NY,NC
1,2-Dichlorobenzene	CT,NH,NY,NC
1,3-Dichlorobenzene	CT,NH,NY,NC
1,4-Dichlorobenzene	CT,NH,NY,NC
trans-1,4-Dichloro-2-butene	NC
Dichlorodifluoromethane (Freon 12)	NY,NC
1,1-Dichloroethane	CT,NH,NY,NC
1,2-Dichloroethane	CT,NH,NY,NC
1,1-Dichloroethylene	CT,NH,NY,NC
cis-1,2-Dichloroethylene	CT,NH,NY,NC
trans-1,2-Dichloroethylene	CT,NH,NY,NC
1,2-Dichloropropane	CT,NH,NY,NC
1,3-Dichloropropane	NH,NY,NC
2,2-Dichloropropane	NH,NY,NC
1,1-Dichloropropene	NH,NY,NC
cis-1,3-Dichloropropene	CT,NH,NY,NC
trans-1,3-Dichloropropene	CT,NH,NY,NC
Ethylbenzene	CT,NH,NY,NC
Hexachlorobutadiene	NH,NY,NC
2-Hexanone (MBK)	CT,NH,NY,NC
Isopropylbenzene (Cumene)	CT,NH,NY,NC
p-Isopropyltoluene (p-Cymene)	NC
Methyl tert-Butyl Ether (MTBE)	NC
Methylene Chloride	CT,NH,NY,NC
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC
Naphthalene	NH,NY,NC
n-Propylbenzene	NC
Styrene	CT,NH,NY,NC
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC
Tetrachloroethylene	CT,NH,NY,NC
Tetrahydrofuran	NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Soil	
Toluene	CT,NH,NY,NC
1,2,3-Trichlorobenzene	NC
1,2,4-Trichlorobenzene	NH,NY,NC
1,1,1-Trichloroethane	CT,NH,NY,NC
1,1,2-Trichloroethane	CT,NH,NY,NC
Trichloroethylene	CT,NH,NY,NC
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC
1,2,3-Trichloropropane	NH,NY,NC
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC
1,2,4-Trimethylbenzene	CT,NH,NY,NC
1,3,5-Trimethylbenzene	CT,NH,NY,NC
Vinyl Chloride	CT,NH,NY,NC
m+p Xylene	CT,NH,NY,NC
o-Xylene	CT,NH,NY,NC
SW-846 8270C in Soil	
Acenaphthene	CT,NY,NH
Acenaphthylene	CT,NY,NH
Aniline	NY,NH
Anthracene	CT,NY,NH
Benzo(a)anthracene	CT,NY,NH
Benzo(a)pyrene	CT,NY,NH
Benzo(b)fluoranthene	CT,NY,NH
Benzo(g,h,i)perylene	CT,NY,NH
Benzo(k)fluoranthene	CT,NY,NH
Bis(2-chloroethoxy)methane	CT,NY,NH
Bis(2-chloroethyl)ether	CT,NY,NH
Bis(2-chloroisopropyl)ether	CT,NY,NH
Bis(2-Ethylhexyl)phthalate	CT,NY,NH
4-Bromophenylphenylether	CT,NY,NH
Butylbenzylphthalate	CT,NY,NH
4-Chloroaniline	CT,NY,NH
4-Chloro-3-methylphenol	CT,NY,NH
2-Chloronaphthalene	CT,NY,NH
2-Chlorophenol	CT,NY,NH
4-Chlorophenylphenylether	CT,NY,NH
Chrysene	CT,NY,NH
Dibenz(a,h)anthracene	CT,NY,NH
Dibenzofuran	CT,NY,NH
Di-n-butylphthalate	CT,NY,NH
1,2-Dichlorobenzene	NY,NH
1,3-Dichlorobenzene	NY,NH
1,4-Dichlorobenzene	NY,NH
3,3-Dichlorobenzidine	CT,NY,NH
2,4-Dichlorophenol	CT,NY,NH
Diethylphthalate	CT,NY,NH
2,4-Dimethylphenol	CT,NY,NH

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270C in Soil	
Dimethylphthalate	CT,NY,NH
4,6-Dinitro-2-methylphenol	CT,NY,NH
2,4-Dinitrophenol	CT,NY,NH
2,4-Dinitrotoluene	CT,NY,NH
2,6-Dinitrotoluene	CT,NY,NH
Di-n-octylphthalate	CT,NY,NH
Fluoranthene	CT,NY,NH
Fluorene	NY,NH
Hexachlorobenzene	CT,NY,NH
Hexachlorobutadiene	CT,NY,NH
Hexachlorocyclopentadiene	CT,NY,NH
Hexachloroethane	CT,NY,NH
Indeno(1,2,3-cd)pyrene	CT,NY,NH
Isophorone	CT,NY,NH
2-Methylnaphthalene	CT,NY,NH
2-Methylphenol	CT,NY,NH
3/4-Methylphenol	CT,NY,NH
Naphthalene	CT,NY,NH
2-Nitroaniline	CT,NY,NH
3-Nitroaniline	CT,NY,NH
4-Nitroaniline	CT,NY,NH
Nitrobenzene	CT,NY,NH
2-Nitrophenol	CT,NY,NH
4-Nitrophenol	CT,NY,NH
N-Nitrosodiphenylamine	CT,NY,NH
N-Nitrosodi-n-propylamine	CT,NY,NH
Pentachlorophenol	CT,NY,NH
Phenanthrene	CT,NY,NH
Phenol	CT,NY,NH
Pyrene	CT,NY,NH
Pyridine	CT,NY,NH
1,2,4-Trichlorobenzene	CT,NY,NH
2,4,5-Trichlorophenol	CT,NY,NH
2,4,6-Trichlorophenol	CT,NY,NH
SW846 9014 in Soil	
Cyanide	NY,CT,NC

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

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Page 1 of 1

10L0764

Company Name: AKRF
Address: 7200 Main Street - Suite C
Willimantic, CT 06226
Attention: Glen Stefaniak
Project Location: 6 Rubber Ave, Naugatuck CT
Sampled By: Steve Greis

Telephone: 646-389-9882
Project # 91065
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ☒ EMAIL ○ WEBSITE
Fax #
Email: gstefaniak@akrf.com
Format: ☒ PDF ☒ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	VOCs	SVOCs	ETPH	Total RCRA 15 Metals	SPLP RSR 15 Metals	PCBs	Cyanide	# of Containers	** Preservation	***Container
-01	GDC-Sump-1	12/8/10	1040		X	S	U	X	X	X	X	NOT	X	X			
-02	GDC-SB-116 (4-6)	12/8/10	1030		X	S	U			X							
-03	GDC-SB-117 (10-12)	12/8/10	1115		X	S	U			X							
-04	GDC-SB-118 (6-8)	12/8/10	1140		X	S	U	X		X							
-05	GDC-Sump-2	12/8/10	1150		X	S	U	X	X	X	X		X	X			
-06	GDC-SB-119 (2-4)	12/8/10	1347		X	S	U	X		X							
-07	GDC-Sump-3	12/8/10	1353		X	S	U	X	X	X	X		X	X			
-08	GDC-Sump-4	12/8/10	1403		X	S	U	X	X	X	X		X	X			
-09	GDC-SB-120 (6-8)	12/8/10	1500		X	S	U			X							
-10	TB20101208	12/8/10				O	U	X									

Comments: No SPLP RSR 15 metals on GDC-Sump-1

12-08-10 19:27 IN

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other _____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other _____

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:

H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 12/8/10 5:??
Received by: (signature)	Date/Time: 12/8/10 3:??
Relinquished by: (signature)	Date/Time: 12/8/10 5:??
Received by: (signature) 6.0°C	Date/Time: 12/9/10 1210

Turnaround ††
☒ 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: CT RSR, RDEC GBPMC
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH NELAC nelac AIHA Environmental Lead & Industrial Hygiene
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE RESOLVED

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Sample Receipt Checklist

39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

CLIENT NAME: AKRF RECEIVED BY: CNB DATE: 12/8/10

1) Was the chain(s) of custody relinquished and signed? (Yes) No

2) Does the chain agree with the samples? (Yes) No
If not, explain:

3) Are all the samples in good condition? (Yes) No
If not, explain:

4) How were the samples received:
On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? Yes No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 6.0°C

5) Are there Dissolved samples for the lab to filter? Yes (No)
Who was notified _____ Date _____ Time _____

6) Are there any samples "On Hold"? Yes (No) Stored where: _____

7) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)
Who was notified _____ Date _____ Time _____

8) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	13
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below	21	SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
Flashpoint bottle		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 7
Bisulfate _____ # DI Water 14
Thiosulfate _____ Unpreserved _____

Time and Date Frozen: 12-08-10 19:27 IN

Do all samples have the proper Acid pH: Yes No (N/A) _____

Do all samples have the proper Base pH: Yes No (N/A) _____

CT ETPH DISCRIMINATION CHECK

Date Acquired	12/13/10
Data File Name	A1213050.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.31	326204	357444	-9
c - 10	1.68	334446	357444	-6
c - 12	2.43	344131	357444	-4
c - 14	3.11	353615	357444	-1
c - 16	3.72	362478	357444	1
c - 18	4.36	369196	357444	3
o-Terphenyl	4.65	414597	357444	
c - 20	4.96	368750	357444	3
c - 22	5.46	361901	357444	1
c - 24	5.90	373126	357444	4
c - 26	6.29	371810	357444	4
c - 28	6.66	369656	357444	3
c - 30	6.99	365592	357444	2
c - 32	7.31	357571	357444	0
c - 34	7.61	357365	357444	0
c - 36	7.99	345823	357444	-3

* One compound allowed %D </= 50%

Samples

10L0264-03

CT ETPH DISCRIMINATION CHECK

Date Acquired	12/14/10
Data File Name	A1214024.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.31	326363	353284	-8
c - 10	1.68	334115	353284	-5
c - 12	2.43	344856	353284	-2
c - 14	3.11	356409	353284	1
c - 16	3.72	366284	353284	4
c - 18	4.36	372681	353284	5
o-Terphenyl	4.65	416295	353284	
c - 20	4.96	370848	353284	5
c - 22	5.46	361315	353284	2
c - 24	5.90	369225	353284	5
c - 26	6.29	366732	353284	4
c - 28	6.66	361269	353284	2
c - 30	6.99	354883	353284	0
c - 32	7.31	345900	353284	-2
c - 34	7.61	337252	353284	-5
c - 36	8.00	331129	353284	-6

* One compound allowed %D </= 50%

Samples

10L0264-02

CT ETPH DISCRIMINATION CHECK

Date Acquired	12/14/10
Data File Name	A1214025.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.09	259208	264765	-2
c - 10	1.43	263886	264765	0
c - 12	2.15	268817	264765	2
c - 14	2.81	272930	264765	3
c - 16	3.40	275716	264765	4
c - 18	3.97	277280	264765	5
o-Terphenyl	4.24	309166	264765	
c - 20	4.58	273252	264765	3
c - 22	5.10	264950	264765	0
c - 24	5.54	270722	264765	2
c - 26	5.94	267979	264765	1
c - 28	6.29	263007	264765	-1
c - 30	6.63	261188	264765	-1
c - 32	6.94	256020	264765	-3
c - 34	7.23	250692	264765	-5
c - 36	7.51	245823	264765	-7

* One compound allowed %D </= 50%

Samples

10L0291-02@5X
10L0264-01@10X

CT ETPH DISCRIMINATION CHECK

Date Acquired	12/15/10
Data File Name	A1215006.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.30	400187	437791	-9
c - 10	1.68	410727	437791	-6
c - 12	2.43	427831	437791	-2
c - 14	3.11	445668	437791	2
c - 16	3.71	460473	437791	5
c - 18	4.36	469269	437791	7
o-Terphenyl	4.65	519413	437791	
c - 20	4.96	466882	437791	7
c - 22	5.46	454910	437791	4
c - 24	5.90	464613	437791	6
c - 26	6.29	456975	437791	4
c - 28	6.65	445897	437791	2
c - 30	6.99	434231	437791	-1
c - 32	7.30	421041	437791	-4
c - 34	7.61	408851	437791	-7
c - 36	7.99	399313	437791	-9

* One compound allowed %D </= 50%

Samples

10L0291-05
10L0264-07@40X
10L0291-07@25X

CT ETPH DISCRIMINATION CHECK

Date Acquired	12/15/10
Data File Name	A1215007.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.07	273906	286326	-4
c - 10	1.42	279388	286326	-2
c - 12	2.14	287261	286326	0
c - 14	2.80	295777	286326	3
c - 16	3.39	302596	286326	6
c - 18	3.96	307156	286326	7
o-Terphenyl	4.23	341250	286326	
c - 20	4.58	304445	286326	6
c - 22	5.09	295635	286326	3
c - 24	5.54	301368	286326	5
c - 26	5.93	295904	286326	3
c - 28	6.29	289522	286326	1
c - 30	6.63	280124	286326	-2
c - 32	6.94	269716	286326	-6
c - 34	7.23	260114	286326	-9
c - 36	7.51	251985	286326	-12

* One compound allowed %D </= 50%

Samples

10L0264-05
10L0264-06
10L0264-09
10L0291-04
10L0264-04@10X
10L0264-08@25X

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: AKRF - WILLIMANTIC, CT

Project Location: 6 Rubber Ave., Naugatuck

Project Number: 10L0264

Laboratory Sample ID(s):

10L0264-01 thru 10L0264-10

Sample Date(s):

12/08/2010

List RCP Methods Used:

CTDEP ETPH, SW-846 6010B, SW-846 7471A, SW-846 8082, SW-846 8260B, SW-846 8270C, SW846 9014

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ 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)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☐ Yes ☑ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

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: Michael A. Erickson **Date:** 12/15/10

Name of Laboratory: Con-Test Analytical Laboratory

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

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

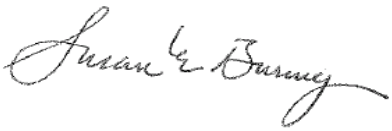
December 17, 2010

Glen Stefaniak
AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226

Project Location: 6 Rubber Ave., Naugatuck, CT
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 10L0291

Enclosed are results of analyses for samples received by the laboratory on December 9, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Susan M. Burney
Project Manager

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

AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226
ATTN: Glen Stefaniak

REPORT DATE: 12/17/2010

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10L0291

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

PROJECT LOCATION: 6 Rubber Ave., Naugatuck, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GDC-SB-122 (4-6)	10L0291-02	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010B	
				SW-846 7471A	
				SW-846 8260B	
				SW-846 8270C	
GDC-SB-123 (9-11)	10L0291-04	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010B	
				SW-846 7471A	
				SW-846 8260B	
				SW-846 8270C	
GDC-SB-123B (9-11)	10L0291-05	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010B	
				SW-846 7471A	
				SW-846 8260B	
				SW-846 8270C	
GDC-SB-124 (0-2)	10L0291-06	Soil		SM 2540G	
				SW-846 6010B	
				SW-846 7471A	
				SW-846 8270C	
GDC-SB-124 (6-8)	10L0291-07	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010B	
				SW-846 7471A	
				SW-846 8260B	
FB20101209	10L0291-08	Field Blank		CTDEP ETPH	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW846 9014	
TB20101209	10L0291-09	Trip Blank Soil		SW-846 8260B	
GDC-SB-126 (2-4)	10L0291-10	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010B	
				SW-846 7471A	
				SW-846 8270C	

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AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226
ATTN: Glen Stefaniak

REPORT DATE: 12/17/2010

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10L0291

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

PROJECT LOCATION: 6 Rubber Ave., Naugatuck, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GDC-SB-126 (8-10)	10L0291-11	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010B	
				SW-846 7471A	
				SW-846 8260B	
				SW-846 8270C	

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CASE NARRATIVE SUMMARY

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

For method 6010, only arsenic and lead were requested and reported.

For method 6020, only arsenic and lead were requested and reported.

SW-846 8260B

Qualifications:

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

Analyte & Samples(s) Qualified:

Dichlorodifluoromethane (Freon 12), Methylene Chloride, Tetrahydrofuran

10L0291-02[GDC-SB-122 (4-6)], B023579-MS1

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

Analyte & Samples(s) Qualified:

1,2-Dibromo-3-chloropropane (DBCP)

10L0291-08[FB20101209], B023560-BLK1, B023560-BS1

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

Analyte & Samples(s) Qualified:

2-Butanone (MEK), Acetone, Acrylonitrile, Tetrahydrofuran

10L0291-02[GDC-SB-122 (4-6)], 10L0291-04[GDC-SB-123 (9-11)], 10L0291-05[GDC-SB-123B (9-11)], 10L0291-07[GDC-SB-124 (6-8)], 10L0291-09[TB20101209], 10L0291-11[GDC-SB-126 (8-10)], B023579-BLK1, B023579-BS1, B023579-MS1, B023589-BLK1, B023589-BS1

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

Analyte & Samples(s) Qualified:

Bromomethane, Tetrahydrofuran

B023560-BS1, B023589-BS1

SW-846 8270C

Qualifications:

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

Analyte & Samples(s) Qualified:

4-Chloroaniline, Bis(2-chloroisopropyl)ether

10L0291-02[GDC-SB-122 (4-6)], 10L0291-04[GDC-SB-123 (9-11)], 10L0291-05[GDC-SB-123B (9-11)], 10L0291-06[GDC-SB-124 (0-2)], 10L0291-10[GDC-SB-126 (2-4)], 10L0291-11[GDC-SB-126 (8-10)], B023541-BLK1, B023541-BS1, B023541-BSD1

One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.

Analyte & Samples(s) Qualified:

2,4,6-Tribromophenol

10L0291-08[FB20101209], B023544-BS1

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

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol

10L0291-02[GDC-SB-122 (4-6)], 10L0291-04[GDC-SB-123 (9-11)], 10L0291-05[GDC-SB-123B (9-11)], 10L0291-06[GDC-SB-124 (0-2)], 10L0291-10[GDC-SB-126 (2-4)], 10L0291-11[GDC-SB-126 (8-10)], B023541-BLK1, B023541-BS1, B023541-BSD1

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

Analyte & Samples(s) Qualified:

4-Nitroaniline, 4-Nitrophenol, Bis(2-chloroisopropyl)ether

10L0291-08[FB20101209], B023544-BLK1, B023544-BS1, B023544-BSD1, 10L0291-02[GDC-SB-122 (4-6)], 10L0291-04[GDC-SB-123 (9-11)], 10L0291-05[GDC-SB-123B (9-11)], 10L0291-06[GDC-SB-124 (0-2)], 10L0291-10[GDC-SB-126 (2-4)], 10L0291-11[GDC-SB-126 (8-10)], B023541-BLK1, B023541-BS1, B023541-BSD1

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

Analyte & Samples(s) Qualified:

Pentachloronitrobenzene

10L0291-02[GDC-SB-122 (4-6)], 10L0291-04[GDC-SB-123 (9-11)], 10L0291-05[GDC-SB-123B (9-11)], 10L0291-06[GDC-SB-124 (0-2)], 10L0291-10[GDC-SB-126 (2-4)], 10L0291-11[GDC-SB-126 (8-10)], B023541-BLK1, B023541-BS1, B023541-BSD1

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

Analyte & Samples(s) Qualified:

4,6-Dinitro-2-methylphenol, Dibenz(a,h)anthracene, Indeno(1,2,3-cd)pyrene

B023541-BS1, B023541-BSD1, B023544-BS1, B023544-BSD1

SW-846 8260B

The LCS recoveries for required CT reasonable confidence protocol (RCP) 8260 compounds were all within limits specified by the method except for “difficult analytes” where control limits somewhere between 40-160% are used and/or unless otherwise listed in this narrative: Difficult analytes: MIBK, MEK, Tert-butyl Alcohol, Acetone, 1,4-Dioxane, Vinyl Chloride, Chloromethane, Dichlorodifluoromethane, 2-Hexanone, Naphthalene, Bromomethane and 2,2-Dichloropropane.

The LCS recoveries for required CT reasonable confidence protocol (RCP) 8260 compounds were all within limits specified by the method except for “difficult analytes” where control limits somewhere between 40-160% are used and/or unless otherwise listed in this narrative: Difficult analytes: MIBK, MEK, Tert-butyl Alcohol, Acetone, 1,4-Dioxane, Vinyl Chloride, Chloromethane, Dichlorodifluoromethane, 2-Hexanone, Naphthalene, Bromomethane, Methylene Chloride, and tert-butylbenzene.

All reporting limits specified on the chain-of-custody were met except for Acrylonitrile, where the most protective criteria are not met since the laboratory cannot achieve the required RCP calibration criteria at these levels, unless otherwise listed in this narrative.

SW-846 8270C

The LCS sample recoveries for required RCP 8270 compounds were all within control limits specified by the method, 40-140% for base/neutrals and 30-130% for acids except for “difficult analytes” listed below and/or otherwise listed in this narrative: Difficult analytes for water – limits between 10 and 150% depending on the compound (see QC summary for limits): Benzoic Acid, Dimethylphthalate, Bis(2-chloroisopropyl)ether, Hexachlorocyclopentadiene, Pyridine, 4-Nitrophenol, and Phenol.

The LCS sample recoveries for required RCP 8270 compounds were all within control limits specified by the method, 40-140% for base/neutrals and 30-130% for acids except for “difficult analytes” listed below and/or otherwise listed in this narrative: Difficult analytes for soil - limits between 10 and 180% depending on the compound (see QC summary for limits): 3,3’-Dichlorobenzidine, Pyridine, Aniline, 4-Chloroaniline, 3-Nitroaniline, and n-Nitrosodiphenylamine.

All reporting limits specified on the chain-of-custody were met, except for Pyridine for the most protective criteria since the laboratory cannot achieve the required RCP calibration criteria at these levels unless otherwise listed in this narrative.

All reporting limits specified on the chain-of-custody were met, except for Pyridine, 1,2,4,5-Tetrachlorobenzene and Pentachloronitrobenzene for the most protective criteria since the laboratory cannot achieve the required RCP calibration criteria at these levels unless otherwise listed in this narrative.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-122 (4-6) Sampled: 12/9/2010 10:50

Sample ID: 10L0291-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.13	mg/Kg dry	1	V-16	SW-846 8260B	12/13/10	12/13/10 9:16	MFF
Acrylonitrile	ND	0.0075	mg/Kg dry	1	V-16	SW-846 8260B	12/13/10	12/13/10 9:16	MFF
Benzene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
Bromobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
Bromodichloromethane	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
Bromoform	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
Bromomethane	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
2-Butanone (MEK)	ND	0.050	mg/Kg dry	1	V-16	SW-846 8260B	12/13/10	12/13/10 9:16	MFF
n-Butylbenzene	ND	0.0050	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
sec-Butylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
tert-Butylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
Carbon Disulfide	ND	0.0075	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
Carbon Tetrachloride	ND	0.0050	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
Chlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
Chlorodibromomethane	ND	0.0050	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
Chloroethane	ND	0.025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
Chloroform	ND	0.0050	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
Chloromethane	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
2-Chlorotoluene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
4-Chlorotoluene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
1,2-Dibromoethane (EDB)	ND	0.0013	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
Dibromomethane	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
1,2-Dichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
1,3-Dichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
1,4-Dichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
trans-1,4-Dichloro-2-butene	ND	0.0050	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.025	mg/Kg dry	1	MS-07	SW-846 8260B	12/13/10	12/13/10 9:16	MFF
1,1-Dichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
1,2-Dichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
1,1-Dichloroethylene	ND	0.0050	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
cis-1,2-Dichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
trans-1,2-Dichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
1,2-Dichloropropane	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
1,3-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
2,2-Dichloropropane	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
1,1-Dichloropropene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
cis-1,3-Dichloropropene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
trans-1,3-Dichloropropene	ND	0.0050	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
Ethylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
Hexachlorobutadiene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
2-Hexanone (MBK)	ND	0.025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
Isopropylbenzene (Cumene)	ND	0.0050	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-122 (4-6) Sampled: 12/9/2010 10:50

Sample ID: 10L0291-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0050	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
Methylene Chloride	ND	0.025	mg/Kg dry	1	MS-07	SW-846 8260B	12/13/10	12/13/10 9:16	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
Naphthalene	ND	0.0050	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
n-Propylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
Styrene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
1,1,1,2-Tetrachloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
1,1,2,2-Tetrachloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
Tetrachloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
Tetrahydrofuran	ND	0.013	mg/Kg dry	1	MS-07, V-16	SW-846 8260B	12/13/10	12/13/10 9:16	MFF
Toluene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
1,2,3-Trichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
1,2,4-Trichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
1,1,1-Trichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
1,1,2-Trichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
Trichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
Trichlorofluoromethane (Freon 11)	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
1,2,3-Trichloropropane	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
1,2,4-Trimethylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
1,3,5-Trimethylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
Vinyl Chloride	ND	0.013	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
m+p Xylene	ND	0.0050	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF
o-Xylene	ND	0.0025	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 9:16	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	105	70-130		12/13/10 9:16
Toluene-d8	94.8	70-130		12/13/10 9:16
4-Bromofluorobenzene	98.1	70-130		12/13/10 9:16

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-122 (4-6) | Sampled: 12/9/2010 10:50

Sample ID: 10L0291-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Aniline	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Benzo(a)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Benzo(a)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Benzo(b)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Bis(2-chloroethoxy)methane	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Bis(2-chloroethyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Bis(2-chloroisopropyl)ether	ND	0.38	mg/Kg dry	1	L-04, V-05	SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
4-Bromophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Butylbenzylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Carbazole	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
4-Chloroaniline	ND	0.74	mg/Kg dry	1	L-04	SW-846 8270C	12/13/10	12/15/10 14:45	BGL
4-Chloro-3-methylphenol	ND	0.74	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
2-Chloronaphthalene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
2-Chlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
4-Chlorophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Chrysene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Dibenzofuran	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Di-n-butylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
2,4-Dichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Diethylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
2,4-Dimethylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Dimethylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
4,6-Dinitro-2-methylphenol	ND	0.38	mg/Kg dry	1	V-04	SW-846 8270C	12/13/10	12/15/10 14:45	BGL
2,4-Dinitrophenol	ND	0.74	mg/Kg dry	1	V-04	SW-846 8270C	12/13/10	12/15/10 14:45	BGL
2,4-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
2,6-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Di-n-octylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Hexachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Hexachlorobutadiene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Hexachlorocyclopentadiene	ND	0.74	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Hexachloroethane	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Indeno(1,2,3-cd)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Isophorone	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-122 (4-6) | Sampled: 12/9/2010 10:50

Sample ID: 10L0291-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
2-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
3/4-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
2-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
3-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
4-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Nitrobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
2-Nitrophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
4-Nitrophenol	ND	0.74	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
N-Nitrosodiphenylamine	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
N-Nitrosodi-n-propylamine	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Pentachloronitrobenzene	ND	0.38	mg/Kg dry	1	V-16	SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Pentachlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Phenanthrene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Phenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
Pyridine	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
1,2,4-Trichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
2,4,5-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL
2,4,6-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 14:45	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	59.8	30-130		12/15/10 14:45
Phenol-d6	59.6	30-130		12/15/10 14:45
Nitrobenzene-d5	57.6	30-130		12/15/10 14:45
2-Fluorobiphenyl	71.6	30-130		12/15/10 14:45
2,4,6-Tribromophenol	33.7	30-130		12/15/10 14:45
Terphenyl-d14	89.1	30-130		12/15/10 14:45

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

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-122 (4-6) Sampled: 12/9/2010 10:50

Sample ID: 10L0291-02

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	260	56	mg/Kg dry	5		CTDEP ETPH	12/10/10	12/14/10 11:42	PJG

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	64.8	50-150				12/14/10	11:42

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-122 (4-6) Sampled: 12/9/2010 10:50

Sample ID: 10L0291-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010B	12/13/10	12/13/10 17:11	KSH
Lead	7.8	0.85	mg/Kg dry	1		SW-846 6010B	12/13/10	12/13/10 17:11	KSH
Mercury	0.056	0.016	mg/Kg dry	1		SW-846 7471A	12/13/10	12/13/10 14:36	CWB

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-122 (4-6) Sampled: 12/9/2010 10:50

Sample ID: 10L0291-02

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.6		% Wt	1		SM 2540G	12/13/10	12/14/10 9:13	VAF

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-123 (9-11) | Sampled: 12/9/2010 12:25

Sample ID: 10L0291-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.057	mg/Kg dry	1	V-16	SW-846 8260B	12/13/10	12/13/10 12:46	MFF
Acrylonitrile	ND	0.0034	mg/Kg dry	1	V-16	SW-846 8260B	12/13/10	12/13/10 12:46	MFF
Benzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
Bromobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
Bromodichloromethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
Bromoform	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
Bromomethane	ND	0.0057	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
2-Butanone (MEK)	ND	0.023	mg/Kg dry	1	V-16	SW-846 8260B	12/13/10	12/13/10 12:46	MFF
n-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
sec-Butylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
tert-Butylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
Carbon Disulfide	ND	0.0034	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
Carbon Tetrachloride	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
Chlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
Chlorodibromomethane	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
Chloroethane	ND	0.011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
Chloroform	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
Chloromethane	ND	0.0057	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
2-Chlorotoluene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
4-Chlorotoluene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
1,2-Dibromoethane (EDB)	ND	0.00057	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
Dibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
1,2-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
1,3-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
1,4-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
trans-1,4-Dichloro-2-butene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
1,1-Dichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
1,2-Dichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
1,1-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
cis-1,2-Dichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
trans-1,2-Dichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
1,2-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
1,3-Dichloropropane	ND	0.00057	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
2,2-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
1,1-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
trans-1,3-Dichloropropene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
Ethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
Hexachlorobutadiene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
2-Hexanone (MBK)	ND	0.011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
Isopropylbenzene (Cumene)	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF

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

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-123 (9-11) Sampled: 12/9/2010 12:25

Sample ID: 10L0291-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
Methylene Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
Naphthalene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
n-Propylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
Styrene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
1,1,1,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
1,1,2,2-Tetrachloroethane	ND	0.00057	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
Tetrachloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
Tetrahydrofuran	ND	0.0057	mg/Kg dry	1	V-16	SW-846 8260B	12/13/10	12/13/10 12:46	MFF
Toluene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
1,2,3-Trichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
1,2,4-Trichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
1,1,1-Trichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
1,1,2-Trichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
Trichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0057	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
1,2,3-Trichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0057	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
1,2,4-Trimethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
1,3,5-Trimethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
Vinyl Chloride	ND	0.0057	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
m+p Xylene	ND	0.0023	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF
o-Xylene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 12:46	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	111	70-130		12/13/10 12:46
Toluene-d8	105	70-130		12/13/10 12:46
4-Bromofluorobenzene	104	70-130		12/13/10 12:46

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-123 (9-11) | Sampled: 12/9/2010 12:25

Sample ID: 10L0291-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Acenaphthylene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Aniline	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Anthracene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Benzo(a)anthracene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Benzo(a)pyrene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Benzo(b)fluoranthene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Benzo(g,h,i)perylene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Benzo(k)fluoranthene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg dry	1	L-04, V-05	SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
4-Bromophenylphenylether	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Butylbenzylphthalate	ND	0.67	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Carbazole	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
4-Chloroaniline	ND	0.67	mg/Kg dry	1	L-04	SW-846 8270C	12/13/10	12/15/10 15:21	BGL
4-Chloro-3-methylphenol	ND	0.67	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
2-Chloronaphthalene	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
2-Chlorophenol	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
4-Chlorophenylphenylether	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Chrysene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Dibenz(a,h)anthracene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Dibenzofuran	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Di-n-butylphthalate	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
3,3-Dichlorobenzidine	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
2,4-Dichlorophenol	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Diethylphthalate	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
2,4-Dimethylphenol	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Dimethylphthalate	ND	0.67	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg dry	1	V-04	SW-846 8270C	12/13/10	12/15/10 15:21	BGL
2,4-Dinitrophenol	ND	0.67	mg/Kg dry	1	V-04	SW-846 8270C	12/13/10	12/15/10 15:21	BGL
2,4-Dinitrotoluene	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
2,6-Dinitrotoluene	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Di-n-octylphthalate	ND	0.67	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Fluoranthene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Fluorene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Hexachlorobenzene	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Hexachlorobutadiene	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Hexachlorocyclopentadiene	ND	0.67	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Hexachloroethane	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Isophorone	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-123 (9-11) | Sampled: 12/9/2010 12:25

Sample ID: 10L0291-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
2-Methylphenol	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
3/4-Methylphenol	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Naphthalene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
2-Nitroaniline	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
3-Nitroaniline	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
4-Nitroaniline	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Nitrobenzene	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
2-Nitrophenol	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
4-Nitrophenol	ND	0.67	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
N-Nitrosodiphenylamine	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Pentachloronitrobenzene	ND	0.34	mg/Kg dry	1	V-16	SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Pentachlorophenol	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Phenanthrene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Phenol	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Pyrene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
Pyridine	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
2,4,5-Trichlorophenol	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL
2,4,6-Trichlorophenol	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:21	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	73.7	30-130		12/15/10 15:21
Phenol-d6	62.9	30-130		12/15/10 15:21
Nitrobenzene-d5	63.8	30-130		12/15/10 15:21
2-Fluorobiphenyl	74.1	30-130		12/15/10 15:21
2,4,6-Tribromophenol	64.6	30-130		12/15/10 15:21
Terphenyl-d14	87.8	30-130		12/15/10 15:21

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-123 (9-11) | Sampled: 12/9/2010 12:25

Sample ID: 10L0291-04

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	10	mg/Kg dry	1		CTDEP ETPH	12/10/10	12/15/10 11:34	PJG

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	78.6	50-150				12/15/10 11:34	

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-123 (9-11) Sampled: 12/9/2010 12:25

Sample ID: 10L0291-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.5	mg/Kg dry	1		SW-846 6010B	12/13/10	12/13/10 17:30	KSH
Lead	3.2	0.76	mg/Kg dry	1		SW-846 6010B	12/13/10	12/13/10 17:30	KSH
Mercury	ND	0.014	mg/Kg dry	1		SW-846 7471A	12/13/10	12/13/10 14:45	CWB

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-123 (9-11) Sampled: 12/9/2010 12:25

Sample ID: 10L0291-04

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	99.0		% Wt	1		SM 2540G	12/13/10	12/14/10 9:13	VAF

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-123B (9-11) | Sampled: 12/9/2010 12:30

Sample ID: 10L0291-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.050	mg/Kg dry	1	V-16	SW-846 8260B	12/13/10	12/13/10 13:12	MFF
Acrylonitrile	ND	0.0030	mg/Kg dry	1	V-16	SW-846 8260B	12/13/10	12/13/10 13:12	MFF
Benzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
Bromobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
Bromodichloromethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
Bromoform	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
Bromomethane	ND	0.0050	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
2-Butanone (MEK)	ND	0.020	mg/Kg dry	1	V-16	SW-846 8260B	12/13/10	12/13/10 13:12	MFF
n-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
sec-Butylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
tert-Butylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
Carbon Disulfide	ND	0.0030	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
Carbon Tetrachloride	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
Chlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
Chlorodibromomethane	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
Chloroethane	ND	0.010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
Chloroform	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
Chloromethane	ND	0.0050	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
2-Chlorotoluene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
4-Chlorotoluene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
1,2-Dibromoethane (EDB)	ND	0.00050	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
Dibromomethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
1,2-Dichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
1,3-Dichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
1,4-Dichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
trans-1,4-Dichloro-2-butene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
1,1-Dichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
1,2-Dichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
1,1-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
cis-1,2-Dichloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
trans-1,2-Dichloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
1,2-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
1,3-Dichloropropane	ND	0.00050	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
2,2-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
1,1-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
trans-1,3-Dichloropropene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
Ethylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
Hexachlorobutadiene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
2-Hexanone (MBK)	ND	0.010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF

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

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-123B (9-11) Sampled: 12/9/2010 12:30

Sample ID: 10L0291-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
Methylene Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
Naphthalene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
n-Propylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
Styrene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
1,1,1,2-Tetrachloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
1,1,2,2-Tetrachloroethane	ND	0.00050	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
Tetrachloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
Tetrahydrofuran	ND	0.0050	mg/Kg dry	1	V-16	SW-846 8260B	12/13/10	12/13/10 13:12	MFF
Toluene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
1,2,3-Trichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
1,2,4-Trichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
1,1,1-Trichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
1,1,2-Trichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
Trichloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0050	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
1,2,3-Trichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
1,2,4-Trimethylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
1,3,5-Trimethylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
Vinyl Chloride	ND	0.0050	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
m+p Xylene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF
o-Xylene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:12	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	110	70-130		12/13/10 13:12
Toluene-d8	98.0	70-130		12/13/10 13:12
4-Bromofluorobenzene	99.6	70-130		12/13/10 13:12

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-123B (9-11) | Sampled: 12/9/2010 12:30

Sample ID: 10L0291-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Acenaphthylene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Aniline	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Anthracene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Benzo(a)anthracene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Benzo(a)pyrene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Benzo(b)fluoranthene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Benzo(g,h,i)perylene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Benzo(k)fluoranthene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg dry	1	L-04, V-05	SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
4-Bromophenylphenylether	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Butylbenzylphthalate	ND	0.67	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Carbazole	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
4-Chloroaniline	ND	0.67	mg/Kg dry	1	L-04	SW-846 8270C	12/13/10	12/15/10 15:57	BGL
4-Chloro-3-methylphenol	ND	0.67	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
2-Chloronaphthalene	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
2-Chlorophenol	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
4-Chlorophenylphenylether	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Chrysene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Dibenz(a,h)anthracene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Dibenzofuran	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Di-n-butylphthalate	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
3,3-Dichlorobenzidine	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
2,4-Dichlorophenol	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Diethylphthalate	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
2,4-Dimethylphenol	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Dimethylphthalate	ND	0.67	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg dry	1	V-04	SW-846 8270C	12/13/10	12/15/10 15:57	BGL
2,4-Dinitrophenol	ND	0.67	mg/Kg dry	1	V-04	SW-846 8270C	12/13/10	12/15/10 15:57	BGL
2,4-Dinitrotoluene	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
2,6-Dinitrotoluene	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Di-n-octylphthalate	ND	0.67	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Fluoranthene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Fluorene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Hexachlorobenzene	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Hexachlorobutadiene	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Hexachlorocyclopentadiene	ND	0.67	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Hexachloroethane	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Isophorone	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL

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

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-123B (9-11) Sampled: 12/9/2010 12:30

Sample ID: 10L0291-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
2-Methylphenol	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
3/4-Methylphenol	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Naphthalene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
2-Nitroaniline	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
3-Nitroaniline	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
4-Nitroaniline	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Nitrobenzene	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
2-Nitrophenol	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
4-Nitrophenol	ND	0.67	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
N-Nitrosodiphenylamine	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Pentachloronitrobenzene	ND	0.34	mg/Kg dry	1	V-16	SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Pentachlorophenol	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Phenanthrene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Phenol	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Pyrene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
Pyridine	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
2,4,5-Trichlorophenol	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL
2,4,6-Trichlorophenol	ND	0.34	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 15:57	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	72.9	30-130		12/15/10 15:57
Phenol-d6	65.5	30-130		12/15/10 15:57
Nitrobenzene-d5	60.5	30-130		12/15/10 15:57
2-Fluorobiphenyl	69.6	30-130		12/15/10 15:57
2,4,6-Tribromophenol	64.3	30-130		12/15/10 15:57
Terphenyl-d14	92.6	30-130		12/15/10 15:57

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-123B (9-11) Sampled: 12/9/2010 12:30

Sample ID: 10L0291-05

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	10	mg/Kg dry	1		CTDEP ETPH	12/10/10	12/15/10 11:34	PJG

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	95.1	50-150				12/15/10 11:34	

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-123B (9-11) Sampled: 12/9/2010 12:30

Sample ID: 10L0291-05

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010B	12/13/10	12/13/10 17:35	KSH
Lead	2.6	0.78	mg/Kg dry	1		SW-846 6010B	12/13/10	12/13/10 17:35	KSH
Mercury	ND	0.014	mg/Kg dry	1		SW-846 7471A	12/13/10	12/13/10 14:47	CWB

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-123B (9-11) | Sampled: 12/9/2010 12:30

Sample ID: 10L0291-05

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	98.3		% Wt	1		SM 2540G	12/13/10	12/14/10 9:13	VAF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-124 (0-2) | Sampled: 12/9/2010 14:18

Sample ID: 10L0291-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Aniline	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Benzo(a)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Benzo(a)pyrene	0.21	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Benzo(b)fluoranthene	0.24	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Benzo(g,h,i)perylene	0.20	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1	L-04, V-05	SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Butylbenzylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Carbazole	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
4-Chloroaniline	ND	0.72	mg/Kg dry	1	L-04	SW-846 8270C	12/13/10	12/15/10 16:33	BGL
4-Chloro-3-methylphenol	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
4-Chlorophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Chrysene	0.19	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Dimethylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
4,6-Dinitro-2-methylphenol	ND	0.37	mg/Kg dry	1	V-04	SW-846 8270C	12/13/10	12/15/10 16:33	BGL
2,4-Dinitrophenol	ND	0.72	mg/Kg dry	1	V-04	SW-846 8270C	12/13/10	12/15/10 16:33	BGL
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Di-n-octylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Fluoranthene	0.27	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Hexachlorocyclopentadiene	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Indeno(1,2,3-cd)pyrene	0.21	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-124 (0-2) | Sampled: 12/9/2010 14:18

Sample ID: 10L0291-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
2-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
3-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
4-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
4-Nitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
N-Nitrosodiphenylamine	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
N-Nitrosodi-n-propylamine	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Pentachloronitrobenzene	ND	0.37	mg/Kg dry	1	V-16	SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Pentachlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Phenanthrene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Pyrene	0.31	0.19	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
Pyridine	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 16:33	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	65.0	30-130		12/15/10 16:33
Phenol-d6	60.7	30-130		12/15/10 16:33
Nitrobenzene-d5	59.4	30-130		12/15/10 16:33
2-Fluorobiphenyl	71.6	30-130		12/15/10 16:33
2,4,6-Tribromophenol	68.3	30-130		12/15/10 16:33
Terphenyl-d14	102	30-130		12/15/10 16:33

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

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-124 (0-2) Sampled: 12/9/2010 14:18

Sample ID: 10L0291-06

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.7	mg/Kg dry	1		SW-846 6010B	12/13/10	12/13/10 17:39	KSH
Lead	13	0.80	mg/Kg dry	1		SW-846 6010B	12/13/10	12/13/10 17:39	KSH
Mercury	0.51	0.014	mg/Kg dry	1		SW-846 7471A	12/13/10	12/13/10 14:49	CWB

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

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-124 (0-2) Sampled: 12/9/2010 14:18

Sample ID: 10L0291-06

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.8		% Wt	1		SM 2540G	12/13/10	12/14/10 9:13	VAF

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-124 (6-8) | Sampled: 12/9/2010 14:30

Sample ID: 10L0291-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.051	mg/Kg dry	1	V-16	SW-846 8260B	12/13/10	12/13/10 13:38	MFF
Acrylonitrile	ND	0.0031	mg/Kg dry	1	V-16	SW-846 8260B	12/13/10	12/13/10 13:38	MFF
Benzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
Bromobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
Bromodichloromethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
Bromoform	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
Bromomethane	ND	0.0051	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
2-Butanone (MEK)	ND	0.021	mg/Kg dry	1	V-16	SW-846 8260B	12/13/10	12/13/10 13:38	MFF
n-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
sec-Butylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
tert-Butylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
Carbon Disulfide	ND	0.0031	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
Carbon Tetrachloride	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
Chlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
Chlorodibromomethane	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
Chloroethane	ND	0.010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
Chloroform	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
Chloromethane	ND	0.0051	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
2-Chlorotoluene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
4-Chlorotoluene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
1,2-Dibromoethane (EDB)	ND	0.00051	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
Dibromomethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
1,2-Dichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
1,3-Dichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
1,4-Dichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
trans-1,4-Dichloro-2-butene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
1,1-Dichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
1,2-Dichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
1,1-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
cis-1,2-Dichloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
trans-1,2-Dichloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
1,2-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
1,3-Dichloropropane	ND	0.00051	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
2,2-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
1,1-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
trans-1,3-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
Ethylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
Hexachlorobutadiene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
2-Hexanone (MBK)	ND	0.010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
Isopropylbenzene (Cumene)	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-124 (6-8) | Sampled: 12/9/2010 14:30

Sample ID: 10L0291-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
Methylene Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
Naphthalene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
n-Propylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
Styrene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
1,1,1,2-Tetrachloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
1,1,2,2-Tetrachloroethane	ND	0.00051	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
Tetrachloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
Tetrahydrofuran	ND	0.0051	mg/Kg dry	1	V-16	SW-846 8260B	12/13/10	12/13/10 13:38	MFF
Toluene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
1,2,3-Trichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
1,2,4-Trichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
1,1,1-Trichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
1,1,2-Trichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
Trichloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0051	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
1,2,3-Trichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0051	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
1,2,4-Trimethylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
1,3,5-Trimethylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
Vinyl Chloride	ND	0.0051	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
m+p Xylene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF
o-Xylene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 13:38	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	93.3	70-130		12/13/10 13:38
Toluene-d8	95.5	70-130		12/13/10 13:38
4-Bromofluorobenzene	97.7	70-130		12/13/10 13:38

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

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-124 (6-8) Sampled: 12/9/2010 14:30

Sample ID: 10L0291-07

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	620	260	mg/Kg dry	25		CTDEP ETPH	12/10/10	12/15/10 12:11	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
o-Terphenyl	97.0	50-150		12/15/10 12:11

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-124 (6-8) Sampled: 12/9/2010 14:30

Sample ID: 10L0291-07

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.7	mg/Kg dry	1		SW-846 6010B	12/13/10	12/13/10 17:43	KSH
Lead	27	0.81	mg/Kg dry	1		SW-846 6010B	12/13/10	12/13/10 17:43	KSH
Mercury	0.21	0.014	mg/Kg dry	1		SW-846 7471A	12/13/10	12/13/10 14:50	CWB

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

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-124 (6-8) Sampled: 12/9/2010 14:30

Sample ID: 10L0291-07

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.4		% Wt	1		SM 2540G	12/13/10	12/14/10 9:13	VAF

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: FB20101209 | Sampled: 12/9/2010 11:00

Sample ID: 10L0291-08

Sample Matrix: Field Blank

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	5.0	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
Benzene	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
Bromoform	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
Bromomethane	ND	1.0	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
2-Butanone (MEK)	ND	2.0	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
Chloroethane	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
Chloroform	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
Chloromethane	ND	1.0	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1	V-05	SW-846 8260B	12/13/10	12/14/10 17:44	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
Hexachlorobutadiene	ND	0.40	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
2-Hexanone (MBK)	ND	2.0	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: FB20101209 | Sampled: 12/9/2010 11:00

Sample ID: 10L0291-08

Sample Matrix: Field Blank

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
4-Methyl-2-pentanone (MIBK)	ND	2.0	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	12/13/10	12/14/10 17:44	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	93.1	70-130		12/14/10 17:44
Toluene-d8	99.6	70-130		12/14/10 17:44
4-Bromofluorobenzene	94.0	70-130		12/14/10 17:44

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: FB20101209 | Sampled: 12/9/2010 11:00

Sample ID: 10L0291-08

Sample Matrix: Field Blank

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Acenaphthylene	ND	5.0	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Aniline	ND	5.0	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Anthracene	ND	5.0	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Benzo(a)anthracene	ND	5.0	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Benzo(a)pyrene	ND	5.0	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Benzo(b)fluoranthene	ND	5.0	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Benzo(g,h,i)perylene	ND	5.0	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Benzo(k)fluoranthene	ND	5.0	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1	V-05	SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
4-Chloroaniline	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Chrysene	ND	5.0	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Dibenz(a,h)anthracene	ND	5.0	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
2,4-Dinitrophenol	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Fluoranthene	ND	5.0	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Fluorene	ND	5.0	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Hexachloroethane	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Isophorone	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: FB20101209 | Sampled: 12/9/2010 11:00

Sample ID: 10L0291-08

Sample Matrix: Field Blank

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
2-Methylphenol	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Naphthalene	ND	5.0	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
4-Nitroaniline	ND	10	µg/L	1	V-05	SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
4-Nitrophenol	ND	10	µg/L	1	V-05	SW-846 8270C	12/13/10	12/15/10 19:31	BGL
N-Nitrosodiphenylamine	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Pentachloronitrobenzene	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Phenanthrene	ND	5.0	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Phenol	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Pyrene	ND	5.0	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
Pyridine	ND	5.0	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270C	12/13/10	12/15/10 19:31	BGL

Surrogates	% Recovery		Recovery Limits	Flag	
2-Fluorophenol	45.2		15-110		12/15/10 19:31
Phenol-d6	28.5		15-110		12/15/10 19:31
Nitrobenzene-d5	62.9		30-130		12/15/10 19:31
2-Fluorobiphenyl	70.5		30-130		12/15/10 19:31
2,4,6-Tribromophenol	**113**	*	15-110	S-07	12/15/10 19:31
Terphenyl-d14	102		30-130		12/15/10 19:31

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: FB20101209 | Sampled: 12/9/2010 11:00

Sample ID: 10L0291-08

Sample Matrix: Field Blank

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082	12/14/10	12/15/10 15:32	PJG
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082	12/14/10	12/15/10 15:32	PJG
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082	12/14/10	12/15/10 15:32	PJG
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082	12/14/10	12/15/10 15:32	PJG
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082	12/14/10	12/15/10 15:32	PJG
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082	12/14/10	12/15/10 15:32	PJG
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082	12/14/10	12/15/10 15:32	PJG
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082	12/14/10	12/15/10 15:32	PJG
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082	12/14/10	12/15/10 15:32	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	102	30-150		12/15/10 15:32
Decachlorobiphenyl [2]	98.4	30-150		12/15/10 15:32
Tetrachloro-m-xylene [1]	101	30-150		12/15/10 15:32
Tetrachloro-m-xylene [2]	99.0	30-150		12/15/10 15:32

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: FB20101209 Sampled: 12/9/2010 11:00

Sample ID: 10L0291-08

Sample Matrix: Field Blank

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.075	mg/L	1		CTDEP ETPH	12/14/10	12/16/10 13:11	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
o-Terphenyl	97.4	50-150		12/16/10 13:11

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: FB20101209 | Sampled: 12/9/2010 11:00

Sample ID: 10L0291-08

Sample Matrix: Field Blank

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	12/13/10	12/15/10 12:21	KSH
Lead	ND	5.0	µg/L	5		SW-846 6020A	12/13/10	12/15/10 12:21	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/13/10	12/13/10 13:47	CWB

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: FB20101209 Sampled: 12/9/2010 11:00

Sample ID: 10L0291-08

Sample Matrix: Field Blank

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1		SW846 9014	12/14/10	12/14/10 10:30	VAK

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: TB20101209 | Sampled: 12/9/2010 11:15

Sample ID: 10L0291-09

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	mg/Kg wet	1	V-16	SW-846 8260B	12/13/10	12/13/10 17:16	MFF
Acrylonitrile	ND	0.0060	mg/Kg wet	1	V-16	SW-846 8260B	12/13/10	12/13/10 17:16	MFF
Benzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
Bromobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
Bromodichloromethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
Bromoform	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
Bromomethane	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
2-Butanone (MEK)	ND	0.040	mg/Kg wet	1	V-16	SW-846 8260B	12/13/10	12/13/10 17:16	MFF
n-Butylbenzene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
sec-Butylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
tert-Butylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
Carbon Disulfide	ND	0.0060	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
Carbon Tetrachloride	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
Chlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
Chlorodibromomethane	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
Chloroethane	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
Chloroform	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
Chloromethane	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
Dibromomethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
cis-1,3-Dichloropropene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
trans-1,3-Dichloropropene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
Ethylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
2-Hexanone (MBK)	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
Isopropylbenzene (Cumene)	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: TB20101209 | Sampled: 12/9/2010 11:15

Sample ID: 10L0291-09

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
Methylene Chloride	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
Naphthalene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
n-Propylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
Styrene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
Tetrachloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
Tetrahydrofuran	ND	0.010	mg/Kg wet	1	V-16	SW-846 8260B	12/13/10	12/13/10 17:16	MFF
Toluene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
Trichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
Vinyl Chloride	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
m+p Xylene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF
o-Xylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/13/10	12/13/10 17:16	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	107	70-130		12/13/10 17:16
Toluene-d8	98.5	70-130		12/13/10 17:16
4-Bromofluorobenzene	101	70-130		12/13/10 17:16

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-126 (2-4) | Sampled: 12/9/2010 15:48

Sample ID: 10L0291-10

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Acenaphthylene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Aniline	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Benzo(a)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Benzo(a)pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Benzo(b)fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Benzo(g,h,i)perylene	0.50	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Benzo(k)fluoranthene	0.22	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Bis(2-chloroethoxy)methane	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Bis(2-chloroethyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Bis(2-chloroisopropyl)ether	ND	0.39	mg/Kg dry	1	L-04, V-05	SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
4-Bromophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Butylbenzylphthalate	ND	0.77	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Carbazole	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
4-Chloroaniline	ND	0.77	mg/Kg dry	1	L-04	SW-846 8270C	12/13/10	12/15/10 17:09	BGL
4-Chloro-3-methylphenol	ND	0.77	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
2-Chloronaphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
2-Chlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
4-Chlorophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Chrysene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Dibenz(a,h)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Dibenzofuran	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Di-n-butylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
3,3-Dichlorobenzidine	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
2,4-Dichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Diethylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
2,4-Dimethylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Dimethylphthalate	ND	0.77	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
4,6-Dinitro-2-methylphenol	ND	0.39	mg/Kg dry	1	V-04	SW-846 8270C	12/13/10	12/15/10 17:09	BGL
2,4-Dinitrophenol	ND	0.77	mg/Kg dry	1	V-04	SW-846 8270C	12/13/10	12/15/10 17:09	BGL
2,4-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
2,6-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Di-n-octylphthalate	ND	0.77	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Fluoranthene	0.21	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Fluorene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Hexachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Hexachlorobutadiene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Hexachlorocyclopentadiene	ND	0.77	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Hexachloroethane	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Indeno(1,2,3-cd)pyrene	0.28	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Isophorone	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-126 (2-4) | Sampled: 12/9/2010 15:48

Sample ID: 10L0291-10

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
2-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
3/4-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Naphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
2-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
3-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
4-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Nitrobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
2-Nitrophenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
4-Nitrophenol	ND	0.77	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
N-Nitrosodiphenylamine	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
N-Nitrosodi-n-propylamine	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Pentachloronitrobenzene	ND	0.39	mg/Kg dry	1	V-16	SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Pentachlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Phenanthrene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Phenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Pyrene	0.24	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
Pyridine	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
1,2,4-Trichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
2,4,5-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL
2,4,6-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:09	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	55.2	30-130		12/15/10 17:09
Phenol-d6	53.1	30-130		12/15/10 17:09
Nitrobenzene-d5	56.4	30-130		12/15/10 17:09
2-Fluorobiphenyl	68.3	30-130		12/15/10 17:09
2,4,6-Tribromophenol	54.6	30-130		12/15/10 17:09
Terphenyl-d14	96.7	30-130		12/15/10 17:09

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-126 (2-4) Sampled: 12/9/2010 15:48

Sample ID: 10L0291-10

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	31	12	mg/Kg dry	1		CTDEP ETPH	12/10/10	12/13/10 18:26	PJG

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	64.8	50-150				12/13/10	18:26

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-126 (2-4) Sampled: 12/9/2010 15:48

Sample ID: 10L0291-10

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	8.9	3.0	mg/Kg dry	1		SW-846 6010B	12/13/10	12/13/10 17:48	KSH
Lead	1600	0.90	mg/Kg dry	1		SW-846 6010B	12/13/10	12/13/10 17:48	KSH
Mercury	6.5	0.34	mg/Kg dry	20		SW-846 7471A	12/13/10	12/13/10 15:00	CWB

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

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-126 (2-4) Sampled: 12/9/2010 15:48

Sample ID: 10L0291-10

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.2		% Wt	1		SM 2540G	12/13/10	12/14/10 9:13	VAF

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-126 (8-10) | Sampled: 12/9/2010 16:00

Sample ID: 10L0291-11

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	mg/Kg dry	1	V-16	SW-846 8260B	12/13/10	12/13/10 17:42	MFF
Acrylonitrile	ND	0.0072	mg/Kg dry	1	V-16	SW-846 8260B	12/13/10	12/13/10 17:42	MFF
Benzene	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
Bromobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
Bromodichloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
Bromoform	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
2-Butanone (MEK)	ND	0.048	mg/Kg dry	1	V-16	SW-846 8260B	12/13/10	12/13/10 17:42	MFF
n-Butylbenzene	ND	0.0048	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
sec-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
tert-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
Carbon Disulfide	ND	0.0072	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
Carbon Tetrachloride	ND	0.0048	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
Chlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
Chlorodibromomethane	ND	0.0048	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
Chloroethane	ND	0.024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
Chloroform	ND	0.0048	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
Chloromethane	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
2-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
4-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
Dibromomethane	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
1,2-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
1,3-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
1,4-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
trans-1,4-Dichloro-2-butene	ND	0.0048	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
1,1-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
1,2-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
1,1-Dichloroethylene	ND	0.0048	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
cis-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
trans-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
1,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
2,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
1,1-Dichloropropene	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
cis-1,3-Dichloropropene	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
trans-1,3-Dichloropropene	ND	0.0048	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
Ethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
Hexachlorobutadiene	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
2-Hexanone (MBK)	ND	0.024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
Isopropylbenzene (Cumene)	ND	0.0048	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-126 (8-10) | Sampled: 12/9/2010 16:00

Sample ID: 10L0291-11

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0048	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
Methylene Chloride	ND	0.024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
Naphthalene	ND	0.0048	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
n-Propylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
Styrene	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
Tetrachloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1	V-16	SW-846 8260B	12/13/10	12/13/10 17:42	MFF
Toluene	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
1,2,3-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
1,2,4-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
1,1,1-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
1,1,2-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
Trichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
1,2,3-Trichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
1,2,4-Trimethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
1,3,5-Trimethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
m+p Xylene	ND	0.0048	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF
o-Xylene	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/13/10	12/13/10 17:42	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	85.5	70-130		12/13/10 17:42
Toluene-d8	96.6	70-130		12/13/10 17:42
4-Bromofluorobenzene	93.8	70-130		12/13/10 17:42

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-126 (8-10) | Sampled: 12/9/2010 16:00

Sample ID: 10L0291-11

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Acenaphthylene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Aniline	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Benzo(a)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Benzo(a)pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Benzo(b)fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Benzo(g,h,i)perylene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Benzo(k)fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Bis(2-chloroethoxy)methane	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Bis(2-chloroethyl)ether	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Bis(2-chloroisopropyl)ether	ND	0.40	mg/Kg dry	1	L-04, V-05	SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
4-Bromophenylphenylether	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Butylbenzylphthalate	ND	0.77	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Carbazole	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
4-Chloroaniline	ND	0.77	mg/Kg dry	1	L-04	SW-846 8270C	12/13/10	12/15/10 17:44	BGL
4-Chloro-3-methylphenol	ND	0.77	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
2-Chloronaphthalene	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
2-Chlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
4-Chlorophenylphenylether	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Chrysene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Dibenz(a,h)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Dibenzofuran	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Di-n-butylphthalate	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
3,3-Dichlorobenzidine	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
2,4-Dichlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Diethylphthalate	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
2,4-Dimethylphenol	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Dimethylphthalate	ND	0.77	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
4,6-Dinitro-2-methylphenol	ND	0.40	mg/Kg dry	1	V-04	SW-846 8270C	12/13/10	12/15/10 17:44	BGL
2,4-Dinitrophenol	ND	0.77	mg/Kg dry	1	V-04	SW-846 8270C	12/13/10	12/15/10 17:44	BGL
2,4-Dinitrotoluene	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
2,6-Dinitrotoluene	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Di-n-octylphthalate	ND	0.77	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Fluorene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Hexachlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Hexachlorobutadiene	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Hexachlorocyclopentadiene	ND	0.77	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Hexachloroethane	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Isophorone	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-126 (8-10) | Sampled: 12/9/2010 16:00

Sample ID: 10L0291-11

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
2-Methylphenol	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
3/4-Methylphenol	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Naphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
2-Nitroaniline	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
3-Nitroaniline	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
4-Nitroaniline	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Nitrobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
2-Nitrophenol	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
4-Nitrophenol	ND	0.77	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
N-Nitrosodiphenylamine	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
N-Nitrosodi-n-propylamine	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Pentachloronitrobenzene	ND	0.40	mg/Kg dry	1	V-16	SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Pentachlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Phenanthrene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Phenol	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
Pyridine	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
1,2,4-Trichlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
2,4,5-Trichlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL
2,4,6-Trichlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270C	12/13/10	12/15/10 17:44	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	71.3	30-130		12/15/10 17:44
Phenol-d6	64.5	30-130		12/15/10 17:44
Nitrobenzene-d5	61.7	30-130		12/15/10 17:44
2-Fluorobiphenyl	73.4	30-130		12/15/10 17:44
2,4,6-Tribromophenol	66.0	30-130		12/15/10 17:44
Terphenyl-d14	105	30-130		12/15/10 17:44

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-126 (8-10) | Sampled: 12/9/2010 16:00

Sample ID: 10L0291-11

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	130	59	mg/Kg dry	5		CTDEP ETPH	12/10/10	12/13/10 18:44	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
o-Terphenyl	72.2	50-150		12/13/10 18:44

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

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-126 (8-10) Sampled: 12/9/2010 16:00

Sample ID: 10L0291-11

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	3.0	mg/Kg dry	1		SW-846 6010B	12/13/10	12/13/10 18:12	KSH
Lead	33	0.89	mg/Kg dry	1		SW-846 6010B	12/13/10	12/13/10 18:12	KSH
Mercury	0.12	0.014	mg/Kg dry	1		SW-846 7471A	12/13/10	12/13/10 14:54	CWB

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0291

Date Received: 12/9/2010

Field Sample #: GDC-SB-126 (8-10) | Sampled: 12/9/2010 16:00

Sample ID: 10L0291-11

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.4		% Wt	1		SM 2540G	12/13/10	12/14/10 9:13	VAF

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Sample Extraction Data

Prep Method: SW-846 3546-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0291-02 [GDC-SB-122 (4-6)]	B023499	30.0	1.00	12/10/10
10L0291-04 [GDC-SB-123 (9-11)]	B023499	30.0	1.00	12/10/10
10L0291-05 [GDC-SB-123B (9-11)]	B023499	30.0	1.00	12/10/10
10L0291-07 [GDC-SB-124 (6-8)]	B023499	30.0	1.00	12/10/10
10L0291-10 [GDC-SB-126 (2-4)]	B023499	30.0	1.00	12/10/10
10L0291-11 [GDC-SB-126 (8-10)]	B023499	30.0	1.00	12/10/10

Prep Method: SW-846 3510C-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0291-08 [FB20101209]	B023629	1000	1.00	12/14/10

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
10L0291-02 [GDC-SB-122 (4-6)]	B023554	12/13/10
10L0291-04 [GDC-SB-123 (9-11)]	B023554	12/13/10
10L0291-05 [GDC-SB-123B (9-11)]	B023554	12/13/10
10L0291-06 [GDC-SB-124 (0-2)]	B023554	12/13/10
10L0291-07 [GDC-SB-124 (6-8)]	B023554	12/13/10
10L0291-10 [GDC-SB-126 (2-4)]	B023554	12/13/10
10L0291-11 [GDC-SB-126 (8-10)]	B023554	12/13/10

Prep Method: SW-846 3050B-SW-846 6010B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0291-02 [GDC-SB-122 (4-6)]	B023532	0.992	50.0	12/13/10
10L0291-04 [GDC-SB-123 (9-11)]	B023532	1.00	50.0	12/13/10
10L0291-05 [GDC-SB-123B (9-11)]	B023532	0.984	50.0	12/13/10
10L0291-06 [GDC-SB-124 (0-2)]	B023532	1.04	50.0	12/13/10
10L0291-07 [GDC-SB-124 (6-8)]	B023532	0.976	50.0	12/13/10
10L0291-10 [GDC-SB-126 (2-4)]	B023532	0.967	50.0	12/13/10
10L0291-11 [GDC-SB-126 (8-10)]	B023532	0.988	50.0	12/13/10

Prep Method: SW-846 3005A-SW-846 6020A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0291-08 [FB20101209]	B023546	50.0	50.0	12/13/10

Prep Method: SW-846 7470A Prep-SW-846 7470A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0291-08 [FB20101209]	B023534	6.00	6.00	12/13/10

Prep Method: SW-846 7471-SW-846 7471A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date

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Sample Extraction Data

Prep Method: SW-846 7471-SW-846 7471A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0291-02 [GDC-SB-122 (4-6)]	B023553	0.171	25.0	12/13/10
10L0291-04 [GDC-SB-123 (9-11)]	B023553	0.184	25.0	12/13/10
10L0291-05 [GDC-SB-123B (9-11)]	B023553	0.184	25.0	12/13/10
10L0291-06 [GDC-SB-124 (0-2)]	B023553	0.190	25.0	12/13/10
10L0291-07 [GDC-SB-124 (6-8)]	B023553	0.196	25.0	12/13/10
10L0291-10 [GDC-SB-126 (2-4)]	B023553	0.170	25.0	12/13/10
10L0291-11 [GDC-SB-126 (8-10)]	B023553	0.204	25.0	12/13/10

Prep Method: SW-846 3510C-SW-846 8082

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0291-08 [FB20101209]	B023630	1000	10.0	12/14/10

Prep Method: SW-846 5035-SW-846 8260B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0291-02 [GDC-SB-122 (4-6)]	B023579	4.50	10.0	12/13/10
10L0291-04 [GDC-SB-123 (9-11)]	B023579	8.90	10.0	12/13/10
10L0291-05 [GDC-SB-123B (9-11)]	B023579	10.1	10.0	12/13/10
10L0291-07 [GDC-SB-124 (6-8)]	B023579	10.3	10.0	12/13/10

Prep Method: SW-846 5035-SW-846 8260B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0291-09 [TB20101209]	B023589	5.00	10.0	12/13/10
10L0291-11 [GDC-SB-126 (8-10)]	B023589	4.90	10.0	12/13/10

Prep Method: SW-846 5030B-SW-846 8260B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0291-08 [FB20101209]	B023560	5	5.00	12/13/10

Prep Method: SW-846 3546-SW-846 8270C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10L0291-02 [GDC-SB-122 (4-6)]	B023541	30.1	1.00	12/13/10
10L0291-04 [GDC-SB-123 (9-11)]	B023541	30.0	1.00	12/13/10
10L0291-05 [GDC-SB-123B (9-11)]	B023541	30.1	1.00	12/13/10
10L0291-06 [GDC-SB-124 (0-2)]	B023541	30.1	1.00	12/13/10
10L0291-10 [GDC-SB-126 (2-4)]	B023541	30.0	1.00	12/13/10
10L0291-11 [GDC-SB-126 (8-10)]	B023541	30.0	1.00	12/13/10

Prep Method: SW-846 3510C-SW-846 8270C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0291-08 [FB20101209]	B023544	1000	1.00	12/13/10

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Sample Extraction Data

SW846 9014

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0291-08 [FB20101209]	B023649	50.0	50.0	12/14/10

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023560 - SW-846 5030B										
Blank (B023560-BLK1)				Prepared: 12/13/10 Analyzed: 12/14/10						
Acetone	ND	5.0	µg/L							
Acrylonitrile	ND	2.0	µg/L							
Benzene	ND	0.50	µg/L							
Bromobenzene	ND	0.50	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	0.50	µg/L							
Bromomethane	ND	1.0	µg/L							
2-Butanone (MEK)	ND	2.0	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	2.0	µg/L							
Carbon Tetrachloride	ND	0.50	µg/L							
Chlorobenzene	ND	0.50	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	0.50	µg/L							
Chloroform	ND	0.50	µg/L							
Chloromethane	ND	1.0	µg/L							
2-Chlorotoluene	ND	0.50	µg/L							
4-Chlorotoluene	ND	0.50	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L							V-05
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	0.50	µg/L							
1,3-Dichlorobenzene	ND	0.50	µg/L							
1,4-Dichlorobenzene	ND	0.50	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L							
1,1-Dichloroethane	ND	0.50	µg/L							
1,2-Dichloroethane	ND	0.50	µg/L							
1,1-Dichloroethylene	ND	0.50	µg/L							
cis-1,2-Dichloroethylene	ND	0.50	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	0.50	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	0.50	µg/L							
1,1-Dichloropropene	ND	0.50	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	0.50	µg/L							
Hexachlorobutadiene	ND	0.40	µg/L							
2-Hexanone (MBK)	ND	2.0	µg/L							
Isopropylbenzene (Cumene)	ND	0.50	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	2.0	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023560 - SW-846 5030B											
Blank (B023560-BLK1)				Prepared: 12/13/10 Analyzed: 12/14/10							
Tetrachloroethylene	ND	1.0	µg/L								
Tetrahydrofuran	ND	10	µg/L								
Toluene	ND	1.0	µg/L								
1,2,3-Trichlorobenzene	ND	0.50	µg/L								
1,2,4-Trichlorobenzene	ND	0.50	µg/L								
1,1,1-Trichloroethane	ND	0.50	µg/L								
1,1,2-Trichloroethane	ND	0.50	µg/L								
Trichloroethylene	ND	1.0	µg/L								
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	0.50	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L								
1,2,4-Trimethylbenzene	ND	0.50	µg/L								
1,3,5-Trimethylbenzene	ND	0.50	µg/L								
Vinyl Chloride	ND	1.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*22.4*		µg/L	25.0		89.8	70-130				
Surrogate: Toluene-d8	*25.2*		µg/L	25.0		101	70-130				
Surrogate: 4-Bromofluorobenzene	*23.4*		µg/L	25.0		93.5	70-130				
LCS (B023560-BS1)				Prepared: 12/13/10 Analyzed: 12/14/10							
Acetone	111	5.0	µg/L	100		111	70-130				†
Acrylonitrile	11.2	2.0	µg/L	10.0		112	70-130				
Benzene	9.98	0.50	µg/L	10.0		99.8	70-130				
Bromobenzene	9.73	0.50	µg/L	10.0		97.3	70-130				
Bromodichloromethane	8.40	0.50	µg/L	10.0		84.0	70-130				
Bromoform	8.19	0.50	µg/L	10.0		81.9	70-130				
Bromomethane	13.0	1.0	µg/L	10.0		130	70-130			V-20	†
2-Butanone (MEK)	95.4	2.0	µg/L	100		95.4	70-130				†
n-Butylbenzene	10.1	1.0	µg/L	10.0		101	70-130				
sec-Butylbenzene	10.2	1.0	µg/L	10.0		102	70-130				
tert-Butylbenzene	10.0	1.0	µg/L	10.0		100	70-130				†
Carbon Disulfide	120	2.0	µg/L	100		120	70-130				
Carbon Tetrachloride	8.27	0.50	µg/L	10.0		82.7	70-130				
Chlorobenzene	10.8	0.50	µg/L	10.0		108	70-130				
Chlorodibromomethane	8.22	0.50	µg/L	10.0		82.2	70-130				
Chloroethane	11.9	0.50	µg/L	10.0		119	70-130				
Chloroform	9.31	0.50	µg/L	10.0		93.1	70-130				
Chloromethane	8.99	1.0	µg/L	10.0		89.9	70-130				
2-Chlorotoluene	10.2	0.50	µg/L	10.0		102	70-130				
4-Chlorotoluene	10.3	0.50	µg/L	10.0		103	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	7.41	1.0	µg/L	10.0		74.1	70-130			V-05	
1,2-Dibromoethane (EDB)	10.1	0.50	µg/L	10.0		101	70-130				
Dibromomethane	10.2	0.50	µg/L	10.0		102	70-130				
1,2-Dichlorobenzene	10.3	0.50	µg/L	10.0		103	70-130				
1,3-Dichlorobenzene	10.3	0.50	µg/L	10.0		103	70-130				
1,4-Dichlorobenzene	10.2	0.50	µg/L	10.0		102	70-130				
trans-1,4-Dichloro-2-butene	7.98	2.0	µg/L	10.0		79.8	70-130				
Dichlorodifluoromethane (Freon 12)	8.32	0.50	µg/L	10.0		83.2	70-130				†
1,1-Dichloroethane	10.6	0.50	µg/L	10.0		106	70-130				
1,2-Dichloroethane	10.3	0.50	µg/L	10.0		103	70-130				
1,1-Dichloroethylene	11.3	0.50	µg/L	10.0		113	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023560 - SW-846 5030B										
LCS (B023560-BS1)				Prepared: 12/13/10 Analyzed: 12/14/10						
cis-1,2-Dichloroethylene	9.34	0.50	µg/L	10.0		93.4	70-130			
trans-1,2-Dichloroethylene	11.6	1.0	µg/L	10.0		116	70-130			
1,2-Dichloropropane	9.92	0.50	µg/L	10.0		99.2	70-130			
1,3-Dichloropropane	10.7	0.50	µg/L	10.0		107	70-130			
2,2-Dichloropropane	7.68	0.50	µg/L	10.0		76.8	70-130			
1,1-Dichloropropene	9.93	0.50	µg/L	10.0		99.3	70-130			
cis-1,3-Dichloropropene	8.81	0.50	µg/L	10.0		88.1	70-130			
trans-1,3-Dichloropropene	8.40	0.50	µg/L	10.0		84.0	70-130			
Ethylbenzene	10.6	0.50	µg/L	10.0		106	70-130			
Hexachlorobutadiene	11.0	0.40	µg/L	10.0		110	70-130			
2-Hexanone (MBK)	103	2.0	µg/L	100		103	70-130			†
Isopropylbenzene (Cumene)	10.6	0.50	µg/L	10.0		106	70-130			
p-Isopropyltoluene (p-Cymene)	10.2	0.50	µg/L	10.0		102	70-130			
Methyl tert-Butyl Ether (MTBE)	11.5	0.50	µg/L	10.0		115	70-130			
Methylene Chloride	10.6	5.0	µg/L	10.0		106	70-130			†
4-Methyl-2-pentanone (MIBK)	104	2.0	µg/L	100		104	70-130			†
Naphthalene	10.5	2.0	µg/L	10.0		105	70-130			†
n-Propylbenzene	10.6	1.0	µg/L	10.0		106	70-130			
Styrene	10.3	1.0	µg/L	10.0		103	70-130			
1,1,1,2-Tetrachloroethane	9.35	0.50	µg/L	10.0		93.5	70-130			
1,1,2,2-Tetrachloroethane	10.3	0.50	µg/L	10.0		103	70-130			
Tetrachloroethylene	11.7	1.0	µg/L	10.0		117	70-130			
Tetrahydrofuran	9.34	10	µg/L	10.0		93.4	70-130			
Toluene	10.5	1.0	µg/L	10.0		105	70-130			
1,2,3-Trichlorobenzene	11.2	0.50	µg/L	10.0		112	70-130			
1,2,4-Trichlorobenzene	11.2	0.50	µg/L	10.0		112	70-130			
1,1,1-Trichloroethane	8.45	0.50	µg/L	10.0		84.5	70-130			
1,1,2-Trichloroethane	10.2	0.50	µg/L	10.0		102	70-130			
Trichloroethylene	10.2	1.0	µg/L	10.0		102	70-130			
Trichlorofluoromethane (Freon 11)	11.7	2.0	µg/L	10.0		117	70-130			
1,2,3-Trichloropropane	10.4	0.50	µg/L	10.0		104	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.0	0.50	µg/L	10.0		120	70-130			
1,2,4-Trimethylbenzene	10.3	0.50	µg/L	10.0		103	70-130			
1,3,5-Trimethylbenzene	10.5	0.50	µg/L	10.0		105	70-130			
Vinyl Chloride	10.7	1.0	µg/L	10.0		107	70-130			†
m+p Xylene	21.3	2.0	µg/L	20.0		107	70-130			
o-Xylene	10.5	1.0	µg/L	10.0		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	*22.3*		µg/L	25.0		89.2	70-130			
Surrogate: Toluene-d8	*25.2*		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	*24.3*		µg/L	25.0		97.1	70-130			
Batch B023579 - SW-846 5035										
Blank (B023579-BLK1)				Prepared & Analyzed: 12/13/10						
Acetone	ND	0.10	mg/Kg wet							V-16
Acrylonitrile	ND	0.0060	mg/Kg wet							V-16
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							V-16

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023579 - SW-846 5035										
Blank (B023579-BLK1)				Prepared & Analyzed: 12/13/10						
n-Butylbenzene	ND	0.0040	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0040	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0040	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0020	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0040	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0040	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023579 - SW-846 5035											
Blank (B023579-BLK1)				Prepared & Analyzed: 12/13/10							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet								
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet								
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet								
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet								
Vinyl Chloride	ND	0.010	mg/Kg wet								
m+p Xylene	ND	0.0040	mg/Kg wet								
o-Xylene	ND	0.0020	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0511*		mg/Kg wet	0.0500		102	70-130				
Surrogate: Toluene-d8	*0.0485*		mg/Kg wet	0.0500		97.0	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0488*		mg/Kg wet	0.0500		97.6	70-130				
LCS (B023579-BS1)				Prepared & Analyzed: 12/13/10							
Acetone	0.206	0.10	mg/Kg wet	0.200		103	70-130			V-16	†
Acrylonitrile	0.0195	0.0060	mg/Kg wet	0.0200		97.7	70-130			V-16	
Benzene	0.0178	0.0020	mg/Kg wet	0.0200		89.2	70-130				
Bromobenzene	0.0171	0.0020	mg/Kg wet	0.0200		85.7	70-130				
Bromodichloromethane	0.0162	0.0020	mg/Kg wet	0.0200		80.8	70-130				
Bromoform	0.0188	0.0020	mg/Kg wet	0.0200		94.0	70-130				
Bromomethane	0.0178	0.010	mg/Kg wet	0.0200		89.0	70-130				†
2-Butanone (MEK)	0.192	0.040	mg/Kg wet	0.200		96.0	70-130			V-16	†
n-Butylbenzene	0.0159	0.0040	mg/Kg wet	0.0200		79.7	70-130				
sec-Butylbenzene	0.0165	0.0020	mg/Kg wet	0.0200		82.4	70-130				
tert-Butylbenzene	0.0164	0.0020	mg/Kg wet	0.0200		82.2	70-130				†
Carbon Disulfide	0.204	0.0060	mg/Kg wet	0.200		102	70-130				
Carbon Tetrachloride	0.0162	0.0040	mg/Kg wet	0.0200		81.2	70-130				
Chlorobenzene	0.0166	0.0020	mg/Kg wet	0.0200		82.9	70-130				
Chlorodibromomethane	0.0155	0.0040	mg/Kg wet	0.0200		77.5	70-130				
Chloroethane	0.0174	0.020	mg/Kg wet	0.0200		86.8	70-130				
Chloroform	0.0180	0.0040	mg/Kg wet	0.0200		89.8	70-130				
Chloromethane	0.0176	0.010	mg/Kg wet	0.0200		87.9	70-130				
2-Chlorotoluene	0.0166	0.0020	mg/Kg wet	0.0200		83.2	70-130				
4-Chlorotoluene	0.0167	0.0020	mg/Kg wet	0.0200		83.3	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130				
1,2-Dibromoethane (EDB)	0.0162	0.0010	mg/Kg wet	0.0200		81.1	70-130				
Dibromomethane	0.0166	0.0020	mg/Kg wet	0.0200		83.1	70-130				
1,2-Dichlorobenzene	0.0176	0.0020	mg/Kg wet	0.0200		87.9	70-130				
1,3-Dichlorobenzene	0.0178	0.0020	mg/Kg wet	0.0200		88.8	70-130				
1,4-Dichlorobenzene	0.0171	0.0020	mg/Kg wet	0.0200		85.6	70-130				
trans-1,4-Dichloro-2-butene	0.0214	0.0040	mg/Kg wet	0.0200		107	70-130				
Dichlorodifluoromethane (Freon 12)	0.0162	0.020	mg/Kg wet	0.0200		81.0	70-130				†
1,1-Dichloroethane	0.0170	0.0020	mg/Kg wet	0.0200		85.2	70-130				
1,2-Dichloroethane	0.0166	0.0020	mg/Kg wet	0.0200		83.0	70-130				
1,1-Dichloroethylene	0.0177	0.0040	mg/Kg wet	0.0200		88.5	70-130				
cis-1,2-Dichloroethylene	0.0174	0.0020	mg/Kg wet	0.0200		86.8	70-130				
trans-1,2-Dichloroethylene	0.0174	0.0020	mg/Kg wet	0.0200		87.2	70-130				
1,2-Dichloropropane	0.0162	0.0020	mg/Kg wet	0.0200		80.9	70-130				
1,3-Dichloropropane	0.0158	0.0010	mg/Kg wet	0.0200		78.9	70-130				
2,2-Dichloropropane	0.0199	0.0020	mg/Kg wet	0.0200		99.4	70-130				
1,1-Dichloropropene	0.0166	0.0020	mg/Kg wet	0.0200		83.1	70-130				
cis-1,3-Dichloropropene	0.0171	0.0020	mg/Kg wet	0.0200		85.4	70-130				
trans-1,3-Dichloropropene	0.0161	0.0040	mg/Kg wet	0.0200		80.5	70-130				

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023579 - SW-846 5035											
LCS (B023579-BS1)				Prepared & Analyzed: 12/13/10							
Ethylbenzene	0.0163	0.0020	mg/Kg wet	0.0200		81.4	70-130				
Hexachlorobutadiene	0.0148	0.0020	mg/Kg wet	0.0200		74.0	70-130				
2-Hexanone (MBK)	0.172	0.020	mg/Kg wet	0.200		85.8	70-130				†
Isopropylbenzene (Cumene)	0.0152	0.0040	mg/Kg wet	0.0200		75.9	70-130				
p-Isopropyltoluene (p-Cymene)	0.0167	0.0020	mg/Kg wet	0.0200		83.3	70-130				
Methyl tert-Butyl Ether (MTBE)	0.0206	0.0040	mg/Kg wet	0.0200		103	70-130				
Methylene Chloride	0.0185	0.020	mg/Kg wet	0.0200		92.6	70-130				†
4-Methyl-2-pentanone (MIBK)	0.176	0.020	mg/Kg wet	0.200		87.8	70-130				†
Naphthalene	0.0173	0.0040	mg/Kg wet	0.0200		86.6	70-130				†
n-Propylbenzene	0.0165	0.0020	mg/Kg wet	0.0200		82.6	70-130				
Styrene	0.0168	0.0020	mg/Kg wet	0.0200		84.1	70-130				
1,1,1,2-Tetrachloroethane	0.0165	0.0020	mg/Kg wet	0.0200		82.4	70-130				
1,1,2,2-Tetrachloroethane	0.0172	0.0010	mg/Kg wet	0.0200		86.2	70-130				
Tetrachloroethylene	0.0151	0.0020	mg/Kg wet	0.0200		75.5	70-130				
Tetrahydrofuran	0.0228	0.010	mg/Kg wet	0.0200		114	70-130			V-16	
Toluene	0.0153	0.0020	mg/Kg wet	0.0200		76.3	70-130				
1,2,3-Trichlorobenzene	0.0154	0.0020	mg/Kg wet	0.0200		77.1	70-130				
1,2,4-Trichlorobenzene	0.0152	0.0020	mg/Kg wet	0.0200		75.8	70-130				
1,1,1-Trichloroethane	0.0173	0.0020	mg/Kg wet	0.0200		86.5	70-130				
1,1,2-Trichloroethane	0.0166	0.0020	mg/Kg wet	0.0200		83.0	70-130				
Trichloroethylene	0.0159	0.0020	mg/Kg wet	0.0200		79.6	70-130				
Trichlorofluoromethane (Freon 11)	0.0174	0.010	mg/Kg wet	0.0200		87.2	70-130				
1,2,3-Trichloropropane	0.0179	0.0020	mg/Kg wet	0.0200		89.7	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0192	0.010	mg/Kg wet	0.0200		96.1	70-130				
1,2,4-Trimethylbenzene	0.0171	0.0020	mg/Kg wet	0.0200		85.7	70-130				
1,3,5-Trimethylbenzene	0.0165	0.0020	mg/Kg wet	0.0200		82.6	70-130				
Vinyl Chloride	0.0174	0.010	mg/Kg wet	0.0200		87.1	70-130				†
m+p Xylene	0.0321	0.0040	mg/Kg wet	0.0400		80.2	70-130				
o-Xylene	0.0162	0.0020	mg/Kg wet	0.0200		81.0	70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0518*		mg/Kg wet	0.0500		104	70-130				
Surrogate: Toluene-d8	*0.0486*		mg/Kg wet	0.0500		97.3	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0501*		mg/Kg wet	0.0500		100	70-130				
Matrix Spike (B023579-MS1)		**Source: 10L0291-02**		Prepared & Analyzed: 12/13/10							
Acetone	0.207	0.11	mg/Kg dry	0.213	0.0338	81.2	70-130			V-16	
Acrylonitrile	0.0163	0.0064	mg/Kg dry	0.0213	ND	76.7	70-130			V-16	
Benzene	0.0197	0.0021	mg/Kg dry	0.0213	ND	92.5	70-130				
Bromobenzene	0.0220	0.0021	mg/Kg dry	0.0213	ND	103	70-130				
Bromodichloromethane	0.0190	0.0021	mg/Kg dry	0.0213	ND	89.4	70-130				
Bromoform	0.0238	0.0021	mg/Kg dry	0.0213	ND	112	70-130				
Bromomethane	0.0182	0.011	mg/Kg dry	0.0213	ND	85.6	70-130				
2-Butanone (MEK)	0.191	0.043	mg/Kg dry	0.213	ND	89.5	70-130			V-16	
n-Butylbenzene	0.0223	0.0043	mg/Kg dry	0.0213	ND	105	70-130				
sec-Butylbenzene	0.0237	0.0021	mg/Kg dry	0.0213	ND	111	70-130				
tert-Butylbenzene	0.0234	0.0021	mg/Kg dry	0.0213	ND	110	70-130				
Carbon Disulfide	0.206	0.0064	mg/Kg dry	0.213	ND	96.7	70-130				
Carbon Tetrachloride	0.0183	0.0043	mg/Kg dry	0.0213	ND	85.7	70-130				
Chlorobenzene	0.0218	0.0021	mg/Kg dry	0.0213	ND	102	70-130				
Chlorodibromomethane	0.0190	0.0043	mg/Kg dry	0.0213	ND	89.3	70-130				
Chloroethane	0.0183	0.021	mg/Kg dry	0.0213	ND	86.0	70-130				
Chloroform	0.0191	0.0043	mg/Kg dry	0.0213	ND	89.7	70-130				
Chloromethane	0.0167	0.011	mg/Kg dry	0.0213	ND	78.3	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B023579 - SW-846 5035											
Matrix Spike (B023579-MS1)	**Source: 10L0291-02**			Prepared & Analyzed: 12/13/10							
2-Chlorotoluene	0.0230	0.0021	mg/Kg dry	0.0213	ND	108		70-130			
4-Chlorotoluene	0.0231	0.0021	mg/Kg dry	0.0213	ND	109		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0227	0.0021	mg/Kg dry	0.0213	ND	107		70-130			
1,2-Dibromoethane (EDB)	0.0190	0.0011	mg/Kg dry	0.0213	ND	89.0		70-130			
Dibromomethane	0.0186	0.0021	mg/Kg dry	0.0213	ND	87.4		70-130			
1,2-Dichlorobenzene	0.0230	0.0021	mg/Kg dry	0.0213	ND	108		70-130			
1,3-Dichlorobenzene	0.0236	0.0021	mg/Kg dry	0.0213	ND	111		70-130			
1,4-Dichlorobenzene	0.0230	0.0021	mg/Kg dry	0.0213	ND	108		70-130			
trans-1,4-Dichloro-2-butene	0.0257	0.0043	mg/Kg dry	0.0213	ND	121		70-130			
Dichlorodifluoromethane (Freon 12)	0.0143	0.021	mg/Kg dry	0.0213	ND	**67.2**	*	70-130			MS-07
1,1-Dichloroethane	0.0184	0.0021	mg/Kg dry	0.0213	ND	86.5		70-130			
1,2-Dichloroethane	0.0183	0.0021	mg/Kg dry	0.0213	ND	86.1		70-130			
1,1-Dichloroethylene	0.0197	0.0043	mg/Kg dry	0.0213	ND	92.3		70-130			
cis-1,2-Dichloroethylene	0.0185	0.0021	mg/Kg dry	0.0213	ND	87.0		70-130			
trans-1,2-Dichloroethylene	0.0194	0.0021	mg/Kg dry	0.0213	ND	90.9		70-130			
1,2-Dichloropropane	0.0187	0.0021	mg/Kg dry	0.0213	ND	87.9		70-130			
1,3-Dichloropropane	0.0192	0.0011	mg/Kg dry	0.0213	ND	90.2		70-130			
2,2-Dichloropropane	0.0216	0.0021	mg/Kg dry	0.0213	ND	102		70-130			
1,1-Dichloropropene	0.0190	0.0021	mg/Kg dry	0.0213	ND	89.2		70-130			
cis-1,3-Dichloropropene	0.0198	0.0021	mg/Kg dry	0.0213	ND	93.0		70-130			
trans-1,3-Dichloropropene	0.0191	0.0043	mg/Kg dry	0.0213	ND	89.8		70-130			
Ethylbenzene	0.0223	0.0021	mg/Kg dry	0.0213	ND	104		70-130			
Hexachlorobutadiene	0.0194	0.0021	mg/Kg dry	0.0213	ND	91.1		70-130			
2-Hexanone (MBK)	0.191	0.021	mg/Kg dry	0.213	ND	89.6		70-130			
Isopropylbenzene (Cumene)	0.0210	0.0043	mg/Kg dry	0.0213	ND	98.8		70-130			
p-Isopropyltoluene (p-Cymene)	0.0239	0.0021	mg/Kg dry	0.0213	ND	112		70-130			
Methyl tert-Butyl Ether (MTBE)	0.0188	0.0043	mg/Kg dry	0.0213	ND	88.1		70-130			
Methylene Chloride	0.0191	0.021	mg/Kg dry	0.0213	0.00865	**48.9**	*	70-130			MS-07
4-Methyl-2-pentanone (MIBK)	0.197	0.021	mg/Kg dry	0.213	ND	92.3		70-130			
Naphthalene	0.0166	0.0043	mg/Kg dry	0.0213	ND	78.1		70-130			
n-Propylbenzene	0.0231	0.0021	mg/Kg dry	0.0213	ND	109		70-130			
Styrene	0.0228	0.0021	mg/Kg dry	0.0213	ND	107		70-130			
1,1,1,2-Tetrachloroethane	0.0223	0.0021	mg/Kg dry	0.0213	ND	105		70-130			
1,1,2,2-Tetrachloroethane	0.0201	0.0011	mg/Kg dry	0.0213	ND	94.5		70-130			
Tetrachloroethylene	0.0178	0.0021	mg/Kg dry	0.0213	ND	83.5		70-130			
Tetrahydrofuran	0.0139	0.011	mg/Kg dry	0.0213	ND	**65.3**	*	70-130			MS-07, V-16
Toluene	0.0189	0.0021	mg/Kg dry	0.0213	ND	88.7		70-130			
1,2,3-Trichlorobenzene	0.0165	0.0021	mg/Kg dry	0.0213	ND	77.6		70-130			
1,2,4-Trichlorobenzene	0.0176	0.0021	mg/Kg dry	0.0213	ND	82.8		70-130			
1,1,1-Trichloroethane	0.0194	0.0021	mg/Kg dry	0.0213	ND	91.1		70-130			
1,1,2-Trichloroethane	0.0206	0.0021	mg/Kg dry	0.0213	ND	96.7		70-130			
Trichloroethylene	0.0188	0.0021	mg/Kg dry	0.0213	ND	88.1		70-130			
Trichlorofluoromethane (Freon 11)	0.0190	0.011	mg/Kg dry	0.0213	ND	89.2		70-130			
1,2,3-Trichloropropane	0.0213	0.0021	mg/Kg dry	0.0213	ND	99.9		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0212	0.011	mg/Kg dry	0.0213	ND	99.6		70-130			
1,2,4-Trimethylbenzene	0.0237	0.0021	mg/Kg dry	0.0213	ND	112		70-130			
1,3,5-Trimethylbenzene	0.0230	0.0021	mg/Kg dry	0.0213	ND	108		70-130			
Vinyl Chloride	0.0174	0.011	mg/Kg dry	0.0213	ND	81.6		70-130			
m+p Xylene	0.0455	0.0043	mg/Kg dry	0.0426	0.00288	100		70-130			
o-Xylene	0.0233	0.0021	mg/Kg dry	0.0213	ND	109		70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0495*		mg/Kg dry	0.0532		92.9		70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023579 - SW-846 5035										
Matrix Spike (B023579-MS1)	**Source: 10L0291-02**			Prepared & Analyzed: 12/13/10						
Surrogate: Toluene-d8	*0.0515*		mg/Kg dry	0.0532		96.7	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0537*		mg/Kg dry	0.0532		101	70-130			
Batch B023589 - SW-846 5035										
Blank (B023589-BLK1)				Prepared & Analyzed: 12/13/10						
Acetone	ND	0.10	mg/Kg wet							V-16
Acrylonitrile	ND	0.0060	mg/Kg wet							V-16
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							V-16
n-Butylbenzene	ND	0.0040	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0040	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0040	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0020	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0040	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0040	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023589 - SW-846 5035											
Blank (B023589-BLK1)			Prepared & Analyzed: 12/13/10								
Naphthalene	ND	0.0040	mg/Kg wet								
n-Propylbenzene	ND	0.0020	mg/Kg wet								
Styrene	ND	0.0020	mg/Kg wet								
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet								
Tetrachloroethylene	ND	0.0020	mg/Kg wet								
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16	
Toluene	ND	0.0020	mg/Kg wet								
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet								
Trichloroethylene	ND	0.0020	mg/Kg wet								
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet								
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet								
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet								
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet								
Vinyl Chloride	ND	0.010	mg/Kg wet								
m+p Xylene	ND	0.0040	mg/Kg wet								
o-Xylene	ND	0.0020	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0535*		mg/Kg wet	0.0500		107	70-130				
Surrogate: Toluene-d8	*0.0492*		mg/Kg wet	0.0500		98.4	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0497*		mg/Kg wet	0.0500		99.4	70-130				
LCS (B023589-BS1)			Prepared & Analyzed: 12/13/10								
Acetone	0.223	0.10	mg/Kg wet	0.200		111	70-130			V-16	†
Acrylonitrile	0.0205	0.0060	mg/Kg wet	0.0200		102	70-130			V-16	
Benzene	0.0172	0.0020	mg/Kg wet	0.0200		86.0	70-130				
Bromobenzene	0.0176	0.0020	mg/Kg wet	0.0200		88.2	70-130				
Bromodichloromethane	0.0173	0.0020	mg/Kg wet	0.0200		86.4	70-130				
Bromoform	0.0198	0.0020	mg/Kg wet	0.0200		98.9	70-130				
Bromomethane	0.0161	0.010	mg/Kg wet	0.0200		80.6	70-130				†
2-Butanone (MEK)	0.212	0.040	mg/Kg wet	0.200		106	70-130			V-16	†
n-Butylbenzene	0.0156	0.0040	mg/Kg wet	0.0200		78.2	70-130				
sec-Butylbenzene	0.0160	0.0020	mg/Kg wet	0.0200		79.8	70-130				
tert-Butylbenzene	0.0159	0.0020	mg/Kg wet	0.0200		79.7	70-130				†
Carbon Disulfide	0.192	0.0060	mg/Kg wet	0.200		96.1	70-130				
Carbon Tetrachloride	0.0150	0.0040	mg/Kg wet	0.0200		74.9	70-130				
Chlorobenzene	0.0172	0.0020	mg/Kg wet	0.0200		85.8	70-130				
Chlorodibromomethane	0.0163	0.0040	mg/Kg wet	0.0200		81.7	70-130				
Chloroethane	0.0166	0.020	mg/Kg wet	0.0200		82.9	70-130				
Chloroform	0.0177	0.0040	mg/Kg wet	0.0200		88.3	70-130				
Chloromethane	0.0168	0.010	mg/Kg wet	0.0200		84.2	70-130				
2-Chlorotoluene	0.0171	0.0020	mg/Kg wet	0.0200		85.4	70-130				
4-Chlorotoluene	0.0173	0.0020	mg/Kg wet	0.0200		86.4	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130				
1,2-Dibromoethane (EDB)	0.0173	0.0010	mg/Kg wet	0.0200		86.6	70-130				
Dibromomethane	0.0186	0.0020	mg/Kg wet	0.0200		92.8	70-130				
1,2-Dichlorobenzene	0.0186	0.0020	mg/Kg wet	0.0200		92.9	70-130				
1,3-Dichlorobenzene	0.0179	0.0020	mg/Kg wet	0.0200		89.4	70-130				
1,4-Dichlorobenzene	0.0178	0.0020	mg/Kg wet	0.0200		89.1	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023589 - SW-846 5035											
LCS (B023589-BS1)				Prepared & Analyzed: 12/13/10							
trans-1,4-Dichloro-2-butene	0.0220	0.0040	mg/Kg wet	0.0200		110	70-130				
Dichlorodifluoromethane (Freon 12)	0.0147	0.020	mg/Kg wet	0.0200		73.7	70-130				†
1,1-Dichloroethane	0.0167	0.0020	mg/Kg wet	0.0200		83.4	70-130				
1,2-Dichloroethane	0.0180	0.0020	mg/Kg wet	0.0200		90.0	70-130				
1,1-Dichloroethylene	0.0172	0.0040	mg/Kg wet	0.0200		85.8	70-130				
cis-1,2-Dichloroethylene	0.0171	0.0020	mg/Kg wet	0.0200		85.5	70-130				
trans-1,2-Dichloroethylene	0.0168	0.0020	mg/Kg wet	0.0200		83.8	70-130				
1,2-Dichloropropane	0.0173	0.0020	mg/Kg wet	0.0200		86.7	70-130				
1,3-Dichloropropane	0.0173	0.0010	mg/Kg wet	0.0200		86.7	70-130				
2,2-Dichloropropane	0.0182	0.0020	mg/Kg wet	0.0200		91.1	70-130				
1,1-Dichloropropene	0.0164	0.0020	mg/Kg wet	0.0200		81.9	70-130				
cis-1,3-Dichloropropene	0.0180	0.0020	mg/Kg wet	0.0200		90.1	70-130				
trans-1,3-Dichloropropene	0.0170	0.0040	mg/Kg wet	0.0200		85.1	70-130				
Ethylbenzene	0.0166	0.0020	mg/Kg wet	0.0200		82.8	70-130				
Hexachlorobutadiene	0.0150	0.0020	mg/Kg wet	0.0200		75.2	70-130				
2-Hexanone (MBK)	0.186	0.020	mg/Kg wet	0.200		93.0	70-130				†
Isopropylbenzene (Cumene)	0.0155	0.0040	mg/Kg wet	0.0200		77.7	70-130				
p-Isopropyltoluene (p-Cymene)	0.0164	0.0020	mg/Kg wet	0.0200		82.1	70-130				
Methyl tert-Butyl Ether (MTBE)	0.0213	0.0040	mg/Kg wet	0.0200		106	70-130				
Methylene Chloride	0.0188	0.020	mg/Kg wet	0.0200		93.8	70-130				†
4-Methyl-2-pentanone (MIBK)	0.189	0.020	mg/Kg wet	0.200		94.4	70-130				†
Naphthalene	0.0172	0.0040	mg/Kg wet	0.0200		86.2	70-130				†
n-Propylbenzene	0.0166	0.0020	mg/Kg wet	0.0200		83.2	70-130				
Styrene	0.0174	0.0020	mg/Kg wet	0.0200		87.2	70-130				
1,1,1,2-Tetrachloroethane	0.0167	0.0020	mg/Kg wet	0.0200		83.7	70-130				
1,1,2,2-Tetrachloroethane	0.0183	0.0010	mg/Kg wet	0.0200		91.3	70-130				
Tetrachloroethylene	0.0154	0.0020	mg/Kg wet	0.0200		76.9	70-130				
Tetrahydrofuran	0.0226	0.010	mg/Kg wet	0.0200		113	70-130			V-16, V-20	
Toluene	0.0160	0.0020	mg/Kg wet	0.0200		80.2	70-130				
1,2,3-Trichlorobenzene	0.0160	0.0020	mg/Kg wet	0.0200		80.0	70-130				
1,2,4-Trichlorobenzene	0.0158	0.0020	mg/Kg wet	0.0200		79.1	70-130				
1,1,1-Trichloroethane	0.0163	0.0020	mg/Kg wet	0.0200		81.3	70-130				
1,1,2-Trichloroethane	0.0174	0.0020	mg/Kg wet	0.0200		87.1	70-130				
Trichloroethylene	0.0166	0.0020	mg/Kg wet	0.0200		82.9	70-130				
Trichlorofluoromethane (Freon 11)	0.0162	0.010	mg/Kg wet	0.0200		80.8	70-130				
1,2,3-Trichloropropane	0.0191	0.0020	mg/Kg wet	0.0200		95.3	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0179	0.010	mg/Kg wet	0.0200		89.3	70-130				
1,2,4-Trimethylbenzene	0.0171	0.0020	mg/Kg wet	0.0200		85.7	70-130				
1,3,5-Trimethylbenzene	0.0167	0.0020	mg/Kg wet	0.0200		83.7	70-130				
Vinyl Chloride	0.0161	0.010	mg/Kg wet	0.0200		80.6	70-130				†
m+p Xylene	0.0335	0.0040	mg/Kg wet	0.0400		83.8	70-130				
o-Xylene	0.0166	0.0020	mg/Kg wet	0.0200		83.1	70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0493*		mg/Kg wet	0.0500		98.6	70-130				
Surrogate: Toluene-d8	*0.0497*		mg/Kg wet	0.0500		99.4	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0511*		mg/Kg wet	0.0500		102	70-130				

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023541 - SW-846 3546										
Blank (B023541-BLK1)				Prepared: 12/13/10 Analyzed: 12/14/10						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							L-04, V-05
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.66	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							L-04
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.66	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							V-04
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							V-04
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.66	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.66	mg/Kg wet							
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
2-Nitroaniline	ND	0.34	mg/Kg wet							
3-Nitroaniline	ND	0.34	mg/Kg wet							
4-Nitroaniline	ND	0.34	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							

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QUALITY CONTROL

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B023541 - SW-846 3546												
Blank (B023541-BLK1)				Prepared: 12/13/10 Analyzed: 12/14/10								
4-Nitrophenol	ND	0.66	mg/Kg wet									
N-Nitrosodiphenylamine	ND	0.34	mg/Kg wet									
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet									
Pentachloronitrobenzene	ND	0.34	mg/Kg wet								V-16	
Pentachlorophenol	ND	0.34	mg/Kg wet									
Phenanthrene	ND	0.17	mg/Kg wet									
Phenol	ND	0.34	mg/Kg wet									
Pyrene	ND	0.17	mg/Kg wet									
Pyridine	ND	0.34	mg/Kg wet									
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet									
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet									
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet									
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet									
Surrogate: 2-Fluorophenol	*6.02*		mg/Kg wet	6.67		90.2		30-130				
Surrogate: Phenol-d6	*5.92*		mg/Kg wet	6.67		88.8		30-130				
Surrogate: Nitrobenzene-d5	*2.50*		mg/Kg wet	3.33		75.0		30-130				
Surrogate: 2-Fluorobiphenyl	*2.77*		mg/Kg wet	3.33		83.2		30-130				
Surrogate: 2,4,6-Tribromophenol	*5.74*		mg/Kg wet	6.67		86.1		30-130				
Surrogate: Terphenyl-d14	*2.40*		mg/Kg wet	3.33		72.0		30-130				
LCS (B023541-BS1)				Prepared: 12/13/10 Analyzed: 12/14/10								
Acenaphthene	1.18	0.17	mg/Kg wet	1.67		71.1		40-140				
Acenaphthylene	1.16	0.17	mg/Kg wet	1.67		69.7		40-140				
Aniline	0.812	0.34	mg/Kg wet	1.67		48.7		40-140				†
Anthracene	1.22	0.17	mg/Kg wet	1.67		73.2		40-140				
Benzo(a)anthracene	1.29	0.17	mg/Kg wet	1.67		77.5		40-140				
Benzo(a)pyrene	1.29	0.17	mg/Kg wet	1.67		77.3		40-140				
Benzo(b)fluoranthene	1.23	0.17	mg/Kg wet	1.67		73.9		40-140				
Benzo(g,h,i)perylene	1.39	0.17	mg/Kg wet	1.67		83.4		40-140				
Benzo(k)fluoranthene	1.22	0.17	mg/Kg wet	1.67		73.5		40-140				
Bis(2-chloroethoxy)methane	1.36	0.34	mg/Kg wet	1.67		81.9		40-140				
Bis(2-chloroethyl)ether	1.36	0.34	mg/Kg wet	1.67		81.5		40-140				
Bis(2-chloroisopropyl)ether	0.594	0.34	mg/Kg wet	1.67		**35.6**	*	40-140			L-04, V-05	
Bis(2-Ethylhexyl)phthalate	1.69	0.34	mg/Kg wet	1.67		101		40-140				
4-Bromophenylphenylether	1.49	0.34	mg/Kg wet	1.67		89.3		40-140				
Butylbenzylphthalate	1.66	0.66	mg/Kg wet	1.67		99.9		40-140				
Carbazole	1.37	0.17	mg/Kg wet	1.67		81.9		40-140				
4-Chloroaniline	0.631	0.66	mg/Kg wet	1.67		**37.8**	*	40-140			L-04	†
4-Chloro-3-methylphenol	1.34	0.66	mg/Kg wet	1.67		80.4		30-130				
2-Chloronaphthalene	1.22	0.34	mg/Kg wet	1.67		73.4		40-140				
2-Chlorophenol	1.41	0.34	mg/Kg wet	1.67		84.7		30-130				
4-Chlorophenylphenylether	1.52	0.34	mg/Kg wet	1.67		91.0		40-140				
Chrysene	1.25	0.17	mg/Kg wet	1.67		75.0		40-140				
Dibenz(a,h)anthracene	1.59	0.17	mg/Kg wet	1.67		95.5		40-140				
Dibenzofuran	1.44	0.34	mg/Kg wet	1.67		86.4		40-140				
Di-n-butylphthalate	1.69	0.34	mg/Kg wet	1.67		102		40-140				
3,3-Dichlorobenzidine	0.998	0.17	mg/Kg wet	1.67		59.9		40-140				†
2,4-Dichlorophenol	1.48	0.34	mg/Kg wet	1.67		88.6		30-130				
Diethylphthalate	1.58	0.34	mg/Kg wet	1.67		94.9		40-140				
2,4-Dimethylphenol	1.37	0.34	mg/Kg wet	1.67		82.4		30-130				
Dimethylphthalate	1.53	0.66	mg/Kg wet	1.67		91.6		40-140				
4,6-Dinitro-2-methylphenol	1.24	0.34	mg/Kg wet	1.67		74.4		30-130			V-04, V-20	

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023541 - SW-846 3546										
LCS (B023541-BS1)				Prepared: 12/13/10 Analyzed: 12/14/10						
2,4-Dinitrophenol	1.05	0.66	mg/Kg wet	1.67		63.1	30-130			V-04
2,4-Dinitrotoluene	1.53	0.34	mg/Kg wet	1.67		91.9	40-140			
2,6-Dinitrotoluene	1.54	0.34	mg/Kg wet	1.67		92.5	40-140			
Di-n-octylphthalate	1.62	0.66	mg/Kg wet	1.67		97.0	40-140			
Fluoranthene	1.42	0.17	mg/Kg wet	1.67		85.4	40-140			
Fluorene	1.24	0.17	mg/Kg wet	1.67		74.1	40-140			
Hexachlorobenzene	1.49	0.34	mg/Kg wet	1.67		89.4	40-140			
Hexachlorobutadiene	1.32	0.34	mg/Kg wet	1.67		78.9	40-140			
Hexachlorocyclopentadiene	0.814	0.66	mg/Kg wet	1.67		48.8	30-140			
Hexachloroethane	1.35	0.34	mg/Kg wet	1.67		81.0	40-140			
Indeno(1,2,3-cd)pyrene	1.59	0.17	mg/Kg wet	1.67		95.1	40-140			
Isophorone	1.28	0.34	mg/Kg wet	1.67		76.7	40-140			
2-Methylnaphthalene	1.22	0.17	mg/Kg wet	1.67		73.5	40-140			
2-Methylphenol	1.43	0.34	mg/Kg wet	1.67		85.9	30-130			
3/4-Methylphenol	1.39	0.34	mg/Kg wet	1.67		83.3	30-130			
Naphthalene	1.15	0.17	mg/Kg wet	1.67		69.1	40-140			
2-Nitroaniline	1.24	0.34	mg/Kg wet	1.67		74.5	40-140			
3-Nitroaniline	1.18	0.34	mg/Kg wet	1.67		70.6	40-140			†
4-Nitroaniline	1.65	0.34	mg/Kg wet	1.67		99.2	40-140			
Nitrobenzene	1.24	0.34	mg/Kg wet	1.67		74.6	40-140			
2-Nitrophenol	1.42	0.34	mg/Kg wet	1.67		85.2	30-130			
4-Nitrophenol	1.40	0.66	mg/Kg wet	1.67		84.2	10-130			
N-Nitrosodiphenylamine	1.66	0.34	mg/Kg wet	1.67		99.4	40-140			
N-Nitrosodi-n-propylamine	1.29	0.34	mg/Kg wet	1.67		77.2	40-140			
Pentachloronitrobenzene	0.882	0.34	mg/Kg wet	0.833		106	40-140			V-16
Pentachlorophenol	0.750	0.34	mg/Kg wet	1.67		45.0	30-130			
Phenanthrene	1.20	0.17	mg/Kg wet	1.67		72.2	40-140			
Phenol	1.42	0.34	mg/Kg wet	1.67		84.9	20-130			
Pyrene	1.20	0.17	mg/Kg wet	1.67		72.1	40-140			
Pyridine	1.23	0.34	mg/Kg wet	1.67		73.5	10-140			†
1,2,4,5-Tetrachlorobenzene	0.707	0.34	mg/Kg wet	0.833		84.9	40-140			
1,2,4-Trichlorobenzene	1.46	0.34	mg/Kg wet	1.67		87.6	40-140			
2,4,5-Trichlorophenol	1.45	0.34	mg/Kg wet	1.67		87.0	30-130			
2,4,6-Trichlorophenol	1.42	0.34	mg/Kg wet	1.67		85.0	30-130			
Surrogate: 2-Fluorophenol	*5.37*		mg/Kg wet	6.67		80.5	30-130			
Surrogate: Phenol-d6	*5.41*		mg/Kg wet	6.67		81.2	30-130			
Surrogate: Nitrobenzene-d5	*2.44*		mg/Kg wet	3.33		73.1	30-130			
Surrogate: 2-Fluorobiphenyl	*2.73*		mg/Kg wet	3.33		82.0	30-130			
Surrogate: 2,4,6-Tribromophenol	*6.93*		mg/Kg wet	6.67		104	30-130			
Surrogate: Terphenyl-d14	*3.07*		mg/Kg wet	3.33		92.0	30-130			
LCS Dup (B023541-BSD1)				Prepared: 12/13/10 Analyzed: 12/14/10						
Acenaphthene	1.21	0.17	mg/Kg wet	1.67		72.7	40-140	2.25	20	
Acenaphthylene	1.18	0.17	mg/Kg wet	1.67		71.0	40-140	1.82	20	
Aniline	0.790	0.34	mg/Kg wet	1.67		47.4	40-140	2.75	50	† ‡
Anthracene	1.26	0.17	mg/Kg wet	1.67		75.6	40-140	3.23	20	
Benzo(a)anthracene	1.30	0.17	mg/Kg wet	1.67		78.0	40-140	0.617	20	
Benzo(a)pyrene	1.30	0.17	mg/Kg wet	1.67		77.9	40-140	0.747	20	
Benzo(b)fluoranthene	1.27	0.17	mg/Kg wet	1.67		76.4	40-140	3.41	20	
Benzo(g,h,i)perylene	1.48	0.17	mg/Kg wet	1.67		89.1	40-140	6.56	20	
Benzo(k)fluoranthene	1.25	0.17	mg/Kg wet	1.67		74.9	40-140	1.94	20	
Bis(2-chloroethoxy)methane	1.38	0.34	mg/Kg wet	1.67		82.7	40-140	0.996	20	

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B023541 - SW-846 3546												
LCS Dup (B023541-BSD1)				Prepared: 12/13/10 Analyzed: 12/14/10								
Bis(2-chloroethyl)ether	1.35	0.34	mg/Kg wet	1.67		81.0		40-140	0.591	20		
Bis(2-chloroisopropyl)ether	0.592	0.34	mg/Kg wet	1.67		**35.5**	*	40-140	0.281	20	L-04, V-05	
Bis(2-Ethylhexyl)phthalate	1.68	0.34	mg/Kg wet	1.67		101		40-140	0.178	20		
4-Bromophenylphenylether	1.50	0.34	mg/Kg wet	1.67		89.8		40-140	0.514	20		
Butylbenzylphthalate	1.71	0.66	mg/Kg wet	1.67		103		40-140	2.67	20		
Carbazole	1.40	0.17	mg/Kg wet	1.67		83.8		40-140	2.24	20		
4-Chloroaniline	0.586	0.66	mg/Kg wet	1.67		**35.2**	*	40-140	7.29	20	L-04	†
4-Chloro-3-methylphenol	1.27	0.66	mg/Kg wet	1.67		76.1		30-130	5.49	20		
2-Chloronaphthalene	1.25	0.34	mg/Kg wet	1.67		75.3		40-140	2.45	20		
2-Chlorophenol	1.42	0.34	mg/Kg wet	1.67		85.0		30-130	0.377	20		
4-Chlorophenylphenylether	1.54	0.34	mg/Kg wet	1.67		92.6		40-140	1.70	20		
Chrysene	1.26	0.17	mg/Kg wet	1.67		75.9		40-140	1.09	20		
Dibenz(a,h)anthracene	1.64	0.17	mg/Kg wet	1.67		98.4		40-140	3.01	20		
Dibenzofuran	1.46	0.34	mg/Kg wet	1.67		87.9		40-140	1.77	20		
Di-n-butylphthalate	1.67	0.34	mg/Kg wet	1.67		100		40-140	1.39	20		
3,3-Dichlorobenzidine	0.957	0.17	mg/Kg wet	1.67		57.4		40-140	4.23	20		† ‡
2,4-Dichlorophenol	1.46	0.34	mg/Kg wet	1.67		87.3		30-130	1.41	20		
Diethylphthalate	1.54	0.34	mg/Kg wet	1.67		92.1		40-140	3.04	20		
2,4-Dimethylphenol	1.38	0.34	mg/Kg wet	1.67		82.6		30-130	0.218	20		
Dimethylphthalate	1.50	0.66	mg/Kg wet	1.67		90.1		40-140	1.67	50		
4,6-Dinitro-2-methylphenol	1.23	0.34	mg/Kg wet	1.67		73.8		30-130	0.702	50	V-04, V-20	
2,4-Dinitrophenol	1.06	0.66	mg/Kg wet	1.67		63.5		30-130	0.632	50	V-04	
2,4-Dinitrotoluene	1.55	0.34	mg/Kg wet	1.67		92.9		40-140	1.02	20		
2,6-Dinitrotoluene	1.52	0.34	mg/Kg wet	1.67		91.2		40-140	1.41	20		
Di-n-octylphthalate	1.68	0.66	mg/Kg wet	1.67		101		40-140	3.82	20		
Fluoranthene	1.42	0.17	mg/Kg wet	1.67		84.9		40-140	0.564	20		
Fluorene	1.26	0.17	mg/Kg wet	1.67		75.8		40-140	2.27	20		
Hexachlorobenzene	1.52	0.34	mg/Kg wet	1.67		91.1		40-140	1.88	20		
Hexachlorobutadiene	1.39	0.34	mg/Kg wet	1.67		83.6		40-140	5.78	20		
Hexachlorocyclopentadiene	0.965	0.66	mg/Kg wet	1.67		57.9		30-140	17.0	50		
Hexachloroethane	1.36	0.34	mg/Kg wet	1.67		81.4		40-140	0.468	50		
Indeno(1,2,3-cd)pyrene	1.68	0.17	mg/Kg wet	1.67		101		40-140	5.70	50		
Isophorone	1.27	0.34	mg/Kg wet	1.67		76.3		40-140	0.549	20		
2-Methylnaphthalene	1.19	0.17	mg/Kg wet	1.67		71.7		40-140	2.48	20		
2-Methylphenol	1.38	0.34	mg/Kg wet	1.67		82.7		30-130	3.84	20		
3/4-Methylphenol	1.29	0.34	mg/Kg wet	1.67		77.2		30-130	7.63	20		
Naphthalene	1.18	0.17	mg/Kg wet	1.67		70.7		40-140	2.40	20		
2-Nitroaniline	1.26	0.34	mg/Kg wet	1.67		75.7		40-140	1.57	20		
3-Nitroaniline	1.16	0.34	mg/Kg wet	1.67		69.5		40-140	1.46	20		†
4-Nitroaniline	1.66	0.34	mg/Kg wet	1.67		99.4		40-140	0.181	20		
Nitrobenzene	1.29	0.34	mg/Kg wet	1.67		77.5		40-140	3.89	20		
2-Nitrophenol	1.47	0.34	mg/Kg wet	1.67		87.9		30-130	3.14	20		
4-Nitrophenol	1.38	0.66	mg/Kg wet	1.67		82.9		10-130	1.56	50		‡
N-Nitrosodiphenylamine	1.68	0.34	mg/Kg wet	1.67		101		40-140	1.20	20		
N-Nitrosodi-n-propylamine	1.23	0.34	mg/Kg wet	1.67		73.6		40-140	4.78	20		
Pentachloronitrobenzene	0.903	0.34	mg/Kg wet	0.833		108		40-140	2.32	20	V-16	
Pentachlorophenol	0.745	0.34	mg/Kg wet	1.67		44.7		30-130	0.714	50		
Phenanthrene	1.24	0.17	mg/Kg wet	1.67		74.2		40-140	2.71	20		
Phenol	1.38	0.34	mg/Kg wet	1.67		82.8		20-130	2.50	20		
Pyrene	1.35	0.17	mg/Kg wet	1.67		81.1		40-140	11.6	20		
Pyridine	1.20	0.34	mg/Kg wet	1.67		72.1		10-140	1.92	50		†
1,2,4,5-Tetrachlorobenzene	0.733	0.34	mg/Kg wet	0.833		88.0		40-140	3.61	20		

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023541 - SW-846 3546										
LCS Dup (B023541-BSD1)				Prepared: 12/13/10 Analyzed: 12/14/10						
1,2,4-Trichlorobenzene	1.50	0.34	mg/Kg wet	1.67		90.2	40-140	2.90	20	
2,4,5-Trichlorophenol	1.48	0.34	mg/Kg wet	1.67		88.8	30-130	2.00	20	
2,4,6-Trichlorophenol	1.45	0.34	mg/Kg wet	1.67		87.2	30-130	2.56	50	
Surrogate: 2-Fluorophenol	*5.51*		mg/Kg wet	6.67		82.6	30-130			
Surrogate: Phenol-d6	*5.13*		mg/Kg wet	6.67		77.0	30-130			
Surrogate: Nitrobenzene-d5	*2.59*		mg/Kg wet	3.33		77.6	30-130			
Surrogate: 2-Fluorobiphenyl	*2.74*		mg/Kg wet	3.33		82.2	30-130			
Surrogate: 2,4,6-Tribromophenol	*6.85*		mg/Kg wet	6.67		103	30-130			
Surrogate: Terphenyl-d14	*3.28*		mg/Kg wet	3.33		98.4	30-130			
Batch B023544 - SW-846 3510C										
Blank (B023544-BLK1)				Prepared: 12/13/10 Analyzed: 12/15/10						
Acenaphthene	ND	5.0	µg/L							
Acenaphthylene	ND	5.0	µg/L							
Aniline	ND	5.0	µg/L							
Anthracene	ND	5.0	µg/L							
Benzo(a)anthracene	ND	5.0	µg/L							
Benzo(a)pyrene	ND	5.0	µg/L							
Benzo(b)fluoranthene	ND	5.0	µg/L							
Benzo(g,h,i)perylene	ND	5.0	µg/L							
Benzo(k)fluoranthene	ND	5.0	µg/L							
Bis(2-chloroethoxy)methane	ND	10	µg/L							
Bis(2-chloroethyl)ether	ND	10	µg/L							
Bis(2-chloroisopropyl)ether	ND	10	µg/L							V-05
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L							
4-Bromophenylphenylether	ND	10	µg/L							
Butylbenzylphthalate	ND	10	µg/L							
Carbazole	ND	10	µg/L							
4-Chloroaniline	ND	10	µg/L							
4-Chloro-3-methylphenol	ND	10	µg/L							
2-Chloronaphthalene	ND	10	µg/L							
2-Chlorophenol	ND	10	µg/L							
4-Chlorophenylphenylether	ND	10	µg/L							
Chrysene	ND	5.0	µg/L							
Dibenz(a,h)anthracene	ND	5.0	µg/L							
Dibenzofuran	ND	5.0	µg/L							
Di-n-butylphthalate	ND	10	µg/L							
3,3-Dichlorobenzidine	ND	10	µg/L							
2,4-Dichlorophenol	ND	10	µg/L							
Diethylphthalate	ND	10	µg/L							
2,4-Dimethylphenol	ND	10	µg/L							
Dimethylphthalate	ND	10	µg/L							
4,6-Dinitro-2-methylphenol	ND	10	µg/L							
2,4-Dinitrophenol	ND	10	µg/L							
2,4-Dinitrotoluene	ND	10	µg/L							
2,6-Dinitrotoluene	ND	10	µg/L							
Di-n-octylphthalate	ND	10	µg/L							
Fluoranthene	ND	5.0	µg/L							
Fluorene	ND	5.0	µg/L							
Hexachlorobenzene	ND	10	µg/L							
Hexachlorobutadiene	ND	10	µg/L							
Hexachlorocyclopentadiene	ND	10	µg/L							

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023544 - SW-846 3510C											
Blank (B023544-BLK1)				Prepared: 12/13/10 Analyzed: 12/15/10							
Hexachloroethane	ND	10	µg/L								
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L								
Isophorone	ND	10	µg/L								
2-Methylnaphthalene	ND	5.0	µg/L								
2-Methylphenol	ND	10	µg/L								
3/4-Methylphenol	ND	10	µg/L								
Naphthalene	ND	5.0	µg/L								
2-Nitroaniline	ND	10	µg/L								
3-Nitroaniline	ND	10	µg/L								
4-Nitroaniline	ND	10	µg/L							V-05	
Nitrobenzene	ND	10	µg/L								
2-Nitrophenol	ND	10	µg/L								
4-Nitrophenol	ND	10	µg/L							V-05	
N-Nitrosodiphenylamine	ND	10	µg/L								
N-Nitrosodi-n-propylamine	ND	10	µg/L								
Pentachloronitrobenzene	ND	10	µg/L								
Pentachlorophenol	ND	10	µg/L								
Phenanthrene	ND	5.0	µg/L								
Phenol	ND	10	µg/L								
Pyrene	ND	5.0	µg/L								
Pyridine	ND	5.0	µg/L								
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L								
1,2,4-Trichlorobenzene	ND	5.0	µg/L								
2,4,5-Trichlorophenol	ND	10	µg/L								
2,4,6-Trichlorophenol	ND	10	µg/L								
Surrogate: 2-Fluorophenol	*182*		µg/L	200		91.2	15-110				
Surrogate: Phenol-d6	*176*		µg/L	200		87.8	15-110				
Surrogate: Nitrobenzene-d5	*70.9*		µg/L	100		70.9	30-130				
Surrogate: 2-Fluorobiphenyl	*83.1*		µg/L	100		83.1	30-130				
Surrogate: 2,4,6-Tribromophenol	*207*		µg/L	200		104	15-110				
Surrogate: Terphenyl-d14	*104*		µg/L	100		104	30-130				
LCS (B023544-BS1)				Prepared: 12/13/10 Analyzed: 12/15/10							
Acenaphthene	80.1	5.0	µg/L	100		80.1	40-140				
Acenaphthylene	77.9	5.0	µg/L	100		77.9	40-140				
Aniline	73.0	5.0	µg/L	100		73.0	40-140				†
Anthracene	83.6	5.0	µg/L	100		83.6	40-140				
Benzo(a)anthracene	87.8	5.0	µg/L	100		87.8	40-140				
Benzo(a)pyrene	88.0	5.0	µg/L	100		88.0	40-140				
Benzo(b)fluoranthene	101	5.0	µg/L	100		101	40-140				
Benzo(g,h,i)perylene	67.5	5.0	µg/L	100		67.5	40-140				
Benzo(k)fluoranthene	78.8	5.0	µg/L	100		78.8	40-140				
Bis(2-chloroethoxy)methane	88.7	10	µg/L	100		88.7	40-140				
Bis(2-chloroethyl)ether	89.1	10	µg/L	100		89.1	40-140				
Bis(2-chloroisopropyl)ether	59.0	10	µg/L	100		59.0	40-140			V-05	
Bis(2-Ethylhexyl)phthalate	101	10	µg/L	100		101	40-140				
4-Bromophenylphenylether	109	10	µg/L	100		109	40-140				
Butylbenzylphthalate	89.9	10	µg/L	100		89.9	40-140				
Carbazole	78.2	10	µg/L	100		78.2	40-140				
4-Chloroaniline	69.3	10	µg/L	100		69.3	40-140				†
4-Chloro-3-methylphenol	93.9	10	µg/L	100		93.9	30-130				
2-Chloronaphthalene	76.4	10	µg/L	100		76.4	40-140				

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B023544 - SW-846 3510C												
LCS (B023544-BS1)				Prepared: 12/13/10 Analyzed: 12/15/10								
2-Chlorophenol	79.4	10	µg/L	100		79.4		30-130				
4-Chlorophenylphenylether	100	10	µg/L	100		100		40-140				
Chrysene	90.8	5.0	µg/L	100		90.8		40-140				
Dibenz(a,h)anthracene	91.4	5.0	µg/L	100		91.4		40-140			V-20	
Dibenzofuran	95.6	5.0	µg/L	100		95.6		40-140				
Di-n-butylphthalate	90.0	10	µg/L	100		90.0		40-140				
3,3-Dichlorobenzidine	100	10	µg/L	100		100		40-140				†
2,4-Dichlorophenol	102	10	µg/L	100		102		30-130				
Diethylphthalate	86.5	10	µg/L	100		86.5		40-140				
2,4-Dimethylphenol	95.4	10	µg/L	100		95.4		30-130				
Dimethylphthalate	77.5	10	µg/L	100		77.5		40-140				
4,6-Dinitro-2-methylphenol	90.0	10	µg/L	100		90.0		30-130				
2,4-Dinitrophenol	79.5	10	µg/L	100		79.5		30-130				
2,4-Dinitrotoluene	89.9	10	µg/L	100		89.9		40-140				
2,6-Dinitrotoluene	80.0	10	µg/L	100		80.0		40-140				
Di-n-octylphthalate	101	10	µg/L	100		101		40-140				
Fluoranthene	79.6	5.0	µg/L	100		79.6		40-140				
Fluorene	83.4	5.0	µg/L	100		83.4		40-140				
Hexachlorobenzene	110	10	µg/L	100		110		40-140				
Hexachlorobutadiene	99.6	10	µg/L	100		99.6		40-140				
Hexachlorocyclopentadiene	72.3	10	µg/L	100		72.3		30-140				
Hexachloroethane	81.7	10	µg/L	100		81.7		40-140				
Indeno(1,2,3-cd)pyrene	88.1	5.0	µg/L	100		88.1		40-140			V-20	
Isophorone	83.5	10	µg/L	100		83.5		40-140				
2-Methylnaphthalene	91.5	5.0	µg/L	100		91.5		40-140				
2-Methylphenol	79.0	10	µg/L	100		79.0		30-130				
3/4-Methylphenol	83.1	10	µg/L	100		83.1		30-130				
Naphthalene	81.8	5.0	µg/L	100		81.8		40-140				
2-Nitroaniline	77.8	10	µg/L	100		77.8		40-140				
3-Nitroaniline	71.9	10	µg/L	100		71.9		40-140				†
4-Nitroaniline	67.9	10	µg/L	100		67.9		40-140			V-05	
Nitrobenzene	80.4	10	µg/L	100		80.4		40-140				
2-Nitrophenol	90.3	10	µg/L	100		90.3		30-130				
4-Nitrophenol	56.7	10	µg/L	100		56.7		10-130			V-05	
N-Nitrosodiphenylamine	125	10	µg/L	100		125		40-140				
N-Nitrosodi-n-propylamine	81.1	10	µg/L	100		81.1		40-140				
Pentachloronitrobenzene	58.9	10	µg/L	50.0		118		40-140				
Pentachlorophenol	73.3	10	µg/L	100		73.3		30-130				
Phenanthrene	91.9	5.0	µg/L	100		91.9		40-140				
Phenol	80.5	10	µg/L	100		80.5		20-130				
Pyrene	79.2	5.0	µg/L	100		79.2		40-140				
Pyridine	40.8	5.0	µg/L	100		40.8		10-140				†
1,2,4,5-Tetrachlorobenzene	48.2	10	µg/L	50.0		96.4		40-140				
1,2,4-Trichlorobenzene	98.8	5.0	µg/L	100		98.8		40-140				
2,4,5-Trichlorophenol	101	10	µg/L	100		101		30-130				
2,4,6-Trichlorophenol	93.0	10	µg/L	100		93.0		30-130				
Surrogate: 2-Fluorophenol	*166*		µg/L	200		83.2		15-110				
Surrogate: Phenol-d6	*161*		µg/L	200		80.3		15-110				
Surrogate: Nitrobenzene-d5	*73.5*		µg/L	100		73.5		30-130				
Surrogate: 2-Fluorobiphenyl	*92.2*		µg/L	100		92.2		30-130				
Surrogate: 2,4,6-Tribromophenol	*229*		µg/L	200		**114**	*	15-110			S-07	
Surrogate: Terphenyl-d14	*98.3*		µg/L	100		98.3		30-130				

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023544 - SW-846 3510C											
LCS Dup (B023544-BSD1)				Prepared: 12/13/10 Analyzed: 12/15/10							
Acenaphthene	80.8	5.0	µg/L	100		80.8	40-140	0.957	20		
Acenaphthylene	77.1	5.0	µg/L	100		77.1	40-140	1.02	20		
Aniline	75.5	5.0	µg/L	100		75.5	40-140	3.35	50		† ‡
Anthracene	81.1	5.0	µg/L	100		81.1	40-140	3.08	20		
Benzo(a)anthracene	87.5	5.0	µg/L	100		87.5	40-140	0.285	20		
Benzo(a)pyrene	91.6	5.0	µg/L	100		91.6	40-140	4.03	20		
Benzo(b)fluoranthene	98.9	5.0	µg/L	100		98.9	40-140	1.77	20		
Benzo(g,h,i)perylene	75.6	5.0	µg/L	100		75.6	40-140	11.3	20		
Benzo(k)fluoranthene	84.7	5.0	µg/L	100		84.7	40-140	7.17	20		
Bis(2-chloroethoxy)methane	91.8	10	µg/L	100		91.8	40-140	3.39	20		
Bis(2-chloroethyl)ether	92.2	10	µg/L	100		92.2	40-140	3.49	20		
Bis(2-chloroisopropyl)ether	65.7	10	µg/L	100		65.7	40-140	10.8	20	V-05	
Bis(2-Ethylhexyl)phthalate	102	10	µg/L	100		102	40-140	0.385	20		
4-Bromophenylphenylether	107	10	µg/L	100		107	40-140	1.85	20		
Butylbenzylphthalate	92.5	10	µg/L	100		92.5	40-140	2.88	20		
Carbazole	78.2	10	µg/L	100		78.2	40-140	0.0639	20		
4-Chloroaniline	70.1	10	µg/L	100		70.1	40-140	1.12	20		†
4-Chloro-3-methylphenol	95.3	10	µg/L	100		95.3	30-130	1.47	20		
2-Chloronaphthalene	76.6	10	µg/L	100		76.6	40-140	0.366	20		
2-Chlorophenol	80.4	10	µg/L	100		80.4	30-130	1.25	20		
4-Chlorophenylphenylether	96.0	10	µg/L	100		96.0	40-140	4.08	20		
Chrysene	89.1	5.0	µg/L	100		89.1	40-140	1.88	20		
Dibenz(a,h)anthracene	100	5.0	µg/L	100		100	40-140	8.95	20	V-20	
Dibenzofuran	96.4	5.0	µg/L	100		96.4	40-140	0.781	20		
Di-n-butylphthalate	86.6	10	µg/L	100		86.6	40-140	3.83	20		
3,3-Dichlorobenzidine	99.9	10	µg/L	100		99.9	40-140	0.350	20		† ‡
2,4-Dichlorophenol	102	10	µg/L	100		102	30-130	0.372	20		
Diethylphthalate	85.1	10	µg/L	100		85.1	40-140	1.62	20		
2,4-Dimethylphenol	97.6	10	µg/L	100		97.6	30-130	2.25	20		
Dimethylphthalate	78.4	10	µg/L	100		78.4	40-140	1.05	50		
4,6-Dinitro-2-methylphenol	87.6	10	µg/L	100		87.6	30-130	2.75	50		
2,4-Dinitrophenol	78.4	10	µg/L	100		78.4	30-130	1.39	50		
2,4-Dinitrotoluene	87.8	10	µg/L	100		87.8	40-140	2.36	20		
2,6-Dinitrotoluene	79.3	10	µg/L	100		79.3	40-140	0.904	20		
Di-n-octylphthalate	107	10	µg/L	100		107	40-140	5.56	20		
Fluoranthene	74.6	5.0	µg/L	100		74.6	40-140	6.50	20		
Fluorene	80.9	5.0	µg/L	100		80.9	40-140	3.04	20		
Hexachlorobenzene	107	10	µg/L	100		107	40-140	3.15	20		
Hexachlorobutadiene	97.0	10	µg/L	100		97.0	40-140	2.64	20		
Hexachlorocyclopentadiene	70.0	10	µg/L	100		70.0	30-140	3.32	50		
Hexachloroethane	81.8	10	µg/L	100		81.8	40-140	0.134	50		
Indeno(1,2,3-cd)pyrene	99.9	5.0	µg/L	100		99.9	40-140	12.5	50	V-20	
Isophorone	87.2	10	µg/L	100		87.2	40-140	4.28	20		
2-Methylnaphthalene	89.6	5.0	µg/L	100		89.6	40-140	2.13	20		
2-Methylphenol	81.8	10	µg/L	100		81.8	30-130	3.50	20		
3/4-Methylphenol	85.2	10	µg/L	100		85.2	30-130	2.42	20		
Naphthalene	81.4	5.0	µg/L	100		81.4	40-140	0.466	20		
2-Nitroaniline	81.0	10	µg/L	100		81.0	40-140	4.11	20		
3-Nitroaniline	68.3	10	µg/L	100		68.3	40-140	5.09	20		†
4-Nitroaniline	68.0	10	µg/L	100		68.0	40-140	0.191	20	V-05	
Nitrobenzene	82.4	10	µg/L	100		82.4	40-140	2.47	20		
2-Nitrophenol	91.1	10	µg/L	100		91.1	30-130	0.882	20		

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B023544 - SW-846 3510C											
LCS Dup (B023544-BSD1)				Prepared: 12/13/10 Analyzed: 12/15/10							
4-Nitrophenol	56.6	10	µg/L	100		56.6	10-130	0.141	50	V-05	‡
N-Nitrosodiphenylamine	108	10	µg/L	100		108	40-140	13.9	20		
N-Nitrosodi-n-propylamine	84.6	10	µg/L	100		84.6	40-140	4.22	20		
Pentachloronitrobenzene	57.7	10	µg/L	50.0		115	40-140	2.11	20		
Pentachlorophenol	69.0	10	µg/L	100		69.0	30-130	5.99	50		
Phenanthrene	89.7	5.0	µg/L	100		89.7	40-140	2.38	20		
Phenol	83.5	10	µg/L	100		83.5	20-130	3.68	20		
Pyrene	80.4	5.0	µg/L	100		80.4	40-140	1.55	20		
Pyridine	31.4	5.0	µg/L	100		31.4	10-140	26.0	50		†
1,2,4,5-Tetrachlorobenzene	47.4	10	µg/L	50.0		94.8	40-140	1.72	20		
1,2,4-Trichlorobenzene	97.1	5.0	µg/L	100		97.1	40-140	1.70	20		
2,4,5-Trichlorophenol	95.8	10	µg/L	100		95.8	30-130	5.57	20		
2,4,6-Trichlorophenol	93.3	10	µg/L	100		93.3	30-130	0.333	50		
Surrogate: 2-Fluorophenol	*170*		µg/L	200		84.8	15-110				
Surrogate: Phenol-d6	*163*		µg/L	200		81.6	15-110				
Surrogate: Nitrobenzene-d5	*74.4*		µg/L	100		74.4	30-130				
Surrogate: 2-Fluorobiphenyl	*90.4*		µg/L	100		90.4	30-130				
Surrogate: 2,4,6-Tribromophenol	*213*		µg/L	200		106	15-110				
Surrogate: Terphenyl-d14	*96.6*		µg/L	100		96.6	30-130				

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023630 - SW-846 3510C										
Blank (B023630-BLK1)				Prepared: 12/14/10 Analyzed: 12/15/10						
Aroclor-1016	ND	0.20	µg/L							
Aroclor-1016 [2C]	ND	0.20	µg/L							
Aroclor-1221	ND	0.20	µg/L							
Aroclor-1221 [2C]	ND	0.20	µg/L							
Aroclor-1232	ND	0.20	µg/L							
Aroclor-1232 [2C]	ND	0.20	µg/L							
Aroclor-1242	ND	0.20	µg/L							
Aroclor-1242 [2C]	ND	0.20	µg/L							
Aroclor-1248	ND	0.20	µg/L							
Aroclor-1248 [2C]	ND	0.20	µg/L							
Aroclor-1254	ND	0.20	µg/L							
Aroclor-1254 [2C]	ND	0.20	µg/L							
Aroclor-1260	ND	0.20	µg/L							
Aroclor-1260 [2C]	ND	0.20	µg/L							
Aroclor-1262	ND	0.20	µg/L							
Aroclor-1262 [2C]	ND	0.20	µg/L							
Aroclor-1268	ND	0.20	µg/L							
Aroclor-1268 [2C]	ND	0.20	µg/L							
Surrogate: Decachlorobiphenyl	*2.43*		µg/L	2.00		121	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.31*		µg/L	2.00		115	30-150			
Surrogate: Tetrachloro-m-xylene	*2.50*		µg/L	2.00		125	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*2.44*		µg/L	2.00		122	30-150			
LCS (B023630-BS1)				Prepared: 12/14/10 Analyzed: 12/15/10						
Aroclor-1016	0.64	0.20	µg/L	0.500		127	40-140			
Aroclor-1016 [2C]	0.66	0.20	µg/L	0.500		132	40-140			
Aroclor-1260	0.65	0.20	µg/L	0.500		131	40-140			
Aroclor-1260 [2C]	0.66	0.20	µg/L	0.500		132	40-140			
Surrogate: Decachlorobiphenyl	*2.75*		µg/L	2.00		138	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.62*		µg/L	2.00		131	30-150			
Surrogate: Tetrachloro-m-xylene	*2.70*		µg/L	2.00		135	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*2.66*		µg/L	2.00		133	30-150			
LCS Dup (B023630-BSD1)				Prepared: 12/14/10 Analyzed: 12/15/10						
Aroclor-1016	0.60	0.20	µg/L	0.500		121	40-140	5.25	20	
Aroclor-1016 [2C]	0.62	0.20	µg/L	0.500		125	40-140	5.87	20	
Aroclor-1260	0.60	0.20	µg/L	0.500		121	40-140	8.17	20	
Aroclor-1260 [2C]	0.61	0.20	µg/L	0.500		122	40-140	7.94	20	
Surrogate: Decachlorobiphenyl	*2.44*		µg/L	2.00		122	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.34*		µg/L	2.00		117	30-150			
Surrogate: Tetrachloro-m-xylene	*2.53*		µg/L	2.00		127	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*2.51*		µg/L	2.00		126	30-150			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023499 - SW-846 3546										
Blank (B023499-BLK1)				Prepared: 12/10/10 Analyzed: 12/13/10						
CT ETPH	ND	10	mg/Kg wet							
Surrogate: o-Terphenyl	*3.26*		mg/Kg wet	3.33		97.7	50-150			
LCS (B023499-BS1)				Prepared: 12/10/10 Analyzed: 12/13/10						
CT ETPH	30.3	10	mg/Kg wet	33.3		90.8	60-120			
Surrogate: o-Terphenyl	*3.21*		mg/Kg wet	3.33		96.4	50-150			
LCS Dup (B023499-BSD1)				Prepared: 12/10/10 Analyzed: 12/13/10						
CT ETPH	29.8	10	mg/Kg wet	33.3		89.4	60-120	1.53	30	
Surrogate: o-Terphenyl	*3.20*		mg/Kg wet	3.33		96.0	50-150			
Batch B023629 - SW-846 3510C										
Blank (B023629-BLK1)				Prepared: 12/14/10 Analyzed: 12/15/10						
CT ETPH	ND	0.075	mg/L							
Surrogate: o-Terphenyl	*0.0941*		mg/L	0.100		94.1	50-150			
LCS (B023629-BS1)				Prepared: 12/14/10 Analyzed: 12/15/10						
CT ETPH	0.938	0.075	mg/L	1.00		93.8	60-120			
Surrogate: o-Terphenyl	*0.0976*		mg/L	0.100		97.6	50-150			
LCS Dup (B023629-BSD1)				Prepared: 12/14/10 Analyzed: 12/15/10						
CT ETPH	0.948	0.075	mg/L	1.00		94.8	60-120	1.05	30	
Surrogate: o-Terphenyl	*0.0966*		mg/L	0.100		96.6	50-150			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023532 - SW-846 3050B										
Blank (B023532-BLK1)				Prepared & Analyzed: 12/13/10						
Arsenic	ND	2.5	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
LCS (B023532-BS1)				Prepared & Analyzed: 12/13/10						
Arsenic	93.9	5.1	mg/Kg wet	107		87.8	81.6-118.4			
Lead	99.5	1.5	mg/Kg wet	107		93.0	79.1-120.3			
LCS (B023532-BS2)				Prepared & Analyzed: 12/13/10						
Lead	0.728	0.71	mg/Kg wet	0.712		102	80-120			
LCS Dup (B023532-BSD1)				Prepared & Analyzed: 12/13/10						
Arsenic	94.4	5.2	mg/Kg wet	107		88.2	81.6-118.4	0.502	30	
Lead	95.5	1.6	mg/Kg wet	107		89.3	79.1-120.3	4.11	30	
Duplicate (B023532-DUP1)		**Source: 10L0291-02**		Prepared & Analyzed: 12/13/10						
Arsenic	ND	2.9	mg/Kg dry		ND			NC	35	
Lead	7.87	0.86	mg/Kg dry		7.79			1.03	35	
Matrix Spike (B023532-MS1)		**Source: 10L0291-02**		Prepared & Analyzed: 12/13/10						
Arsenic	25.3	2.8	mg/Kg dry	28.4	0.398	87.8	75-125			
Lead	32.3	0.85	mg/Kg dry	28.4	7.79	86.6	75-125			
Batch B023534 - SW-846 7470A Prep										
Blank (B023534-BLK1)				Prepared & Analyzed: 12/13/10						
Mercury	ND	0.00010	mg/L							
LCS (B023534-BS1)				Prepared & Analyzed: 12/13/10						
Mercury	0.00190	0.00010	mg/L	0.00200		95.2	80-120			
LCS Dup (B023534-BSD1)				Prepared & Analyzed: 12/13/10						
Mercury	0.00182	0.00010	mg/L	0.00200		91.2	80-120	4.34	20	
Batch B023546 - SW-846 3005A										
Blank (B023546-BLK1)				Prepared: 12/13/10 Analyzed: 12/15/10						
Arsenic	ND	2.0	µg/L							
Lead	ND	5.0	µg/L							
LCS (B023546-BS1)				Prepared: 12/13/10 Analyzed: 12/15/10						
Arsenic	523	4.0	µg/L	500		105	80-120			
Lead	494	10	µg/L	500		98.8	80-120			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023546 - SW-846 3005A										
LCS Dup (B023546-BSD1)				Prepared: 12/13/10 Analyzed: 12/15/10						
Arsenic	526	4.0	µg/L	500		105	80-120	0.579	20	
Lead	487	10	µg/L	500		97.5	80-120	1.36	20	
Batch B023553 - SW-846 7471										
Blank (B023553-BLK1)				Prepared & Analyzed: 12/13/10						
Mercury	ND	0.025	mg/Kg wet							
LCS (B023553-BS1)				Prepared & Analyzed: 12/13/10						
Mercury	1.22	0.034	mg/Kg wet	1.25		97.3	66-132			
LCS Dup (B023553-BSD1)				Prepared & Analyzed: 12/13/10						
Mercury	1.12	0.033	mg/Kg wet	1.25		89.4	66-132	8.49	30	
Duplicate (B023553-DUP1)		**Source: 10L0291-02**		Prepared & Analyzed: 12/13/10						
Mercury	0.0423	0.017	mg/Kg dry		0.0556			27.0	35	
Matrix Spike (B023553-MS1)		**Source: 10L0291-02**		Prepared & Analyzed: 12/13/10						
Mercury	0.404	0.017	mg/Kg dry	0.331	0.0556	105	75-125			

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023554 - % Solids										
Duplicate (B023554-DUP2)	**Source: 10L0291-02**			Prepared: 12/13/10 Analyzed: 12/14/10						
% Solids	87.9		% Wt		88.6			0.793	20	
Batch B023649 - SW846 9014										
Blank (B023649-BLK1)				Prepared & Analyzed: 12/14/10						
Cyanide	ND	0.010	mg/L							
LCS (B023649-BS1)				Prepared & Analyzed: 12/14/10						
Cyanide	0.61	0.010	mg/L	0.688		88.8	80-120			
LCS Dup (B023649-BSD1)				Prepared & Analyzed: 12/14/10						
Cyanide	0.59	0.010	mg/L	0.688		85.4	80-120	3.96	20	
Matrix Spike (B023649-MS1)	**Source: 10L0291-08**			Prepared & Analyzed: 12/14/10						
Cyanide	0.32	0.010	mg/L	0.338	ND	94.5	75-125			
Matrix Spike Dup (B023649-MSD1)	**Source: 10L0291-08**			Prepared & Analyzed: 12/14/10						
Cyanide	0.33	0.010	mg/L	0.338	ND	99.0	75-125	4.70	20	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
MS-07	Matrix spike recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of sample matrix effects that lead to low bias for reported result or non-homogeneous sample aliquot cannot be eliminated.
S-07	One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.
V-04	Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Soil	
CT ETPH	CT
CTDEP ETPH in Water	
CT ETPH	CT
SW-846 6010B in Soil	
Arsenic	CT,NH,NY
Lead	CT,NH,NY,AIHA
SW-846 6020A in Water	
Arsenic	CT,NH,NY,RI,NC
Lead	CT,NH,NY,RI,NC
SW-846 7470A in Water	
Mercury	CT,NH,NY,RI,NC
SW-846 7471A in Soil	
Mercury	CT,NH,NY
SW-846 8082 in Water	
Aroclor-1016	CT,NH,NY,RI,NC
Aroclor-1016 [2C]	CT,NH,NY,RI,NC
Aroclor-1221	CT,NH,NY,RI,NC
Aroclor-1221 [2C]	CT,NH,NY,RI,NC
Aroclor-1232	CT,NH,NY,RI,NC
Aroclor-1232 [2C]	CT,NH,NY,RI,NC
Aroclor-1242	CT,NH,NY,RI,NC
Aroclor-1242 [2C]	CT,NH,NY,RI,NC
Aroclor-1248	CT,NH,NY,RI,NC
Aroclor-1248 [2C]	CT,NH,NY,RI,NC
Aroclor-1254	CT,NH,NY,RI,NC
Aroclor-1254 [2C]	CT,NH,NY,RI,NC
Aroclor-1260	CT,NH,NY,RI,NC
Aroclor-1260 [2C]	CT,NH,NY,RI,NC
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260B in Soil	
Acetone	CT,NH,NY,NC
Acrylonitrile	CT,NH,NY,NC
Benzene	CT,NH,NY,NC
Bromobenzene	NH,NY,NC
Bromodichloromethane	CT,NH,NY,NC
Bromoform	CT,NH,NY,NC
Bromomethane	CT,NH,NY,NC
2-Butanone (MEK)	CT,NH,NY,NC
n-Butylbenzene	CT,NH,NY,NC
sec-Butylbenzene	CT,NH,NY,NC
tert-Butylbenzene	CT,NH,NY,NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Soil	
Carbon Disulfide	CT,NH,NY,NC
Carbon Tetrachloride	CT,NH,NY,NC
Chlorobenzene	CT,NH,NY,NC
Chlorodibromomethane	CT,NH,NY,NC
Chloroethane	CT,NH,NY,NC
Chloroform	CT,NH,NY,NC
Chloromethane	CT,NH,NY,NC
2-Chlorotoluene	CT,NH,NY,NC
4-Chlorotoluene	CT,NH,NY,NC
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC
Dibromomethane	NH,NY,NC
1,2-Dichlorobenzene	CT,NH,NY,NC
1,3-Dichlorobenzene	CT,NH,NY,NC
1,4-Dichlorobenzene	CT,NH,NY,NC
trans-1,4-Dichloro-2-butene	NC
Dichlorodifluoromethane (Freon 12)	NY,NC
1,1-Dichloroethane	CT,NH,NY,NC
1,2-Dichloroethane	CT,NH,NY,NC
1,1-Dichloroethylene	CT,NH,NY,NC
cis-1,2-Dichloroethylene	CT,NH,NY,NC
trans-1,2-Dichloroethylene	CT,NH,NY,NC
1,2-Dichloropropane	CT,NH,NY,NC
1,3-Dichloropropane	NH,NY,NC
2,2-Dichloropropane	NH,NY,NC
1,1-Dichloropropene	NH,NY,NC
cis-1,3-Dichloropropene	CT,NH,NY,NC
trans-1,3-Dichloropropene	CT,NH,NY,NC
Ethylbenzene	CT,NH,NY,NC
Hexachlorobutadiene	NH,NY,NC
2-Hexanone (MBK)	CT,NH,NY,NC
Isopropylbenzene (Cumene)	CT,NH,NY,NC
p-Isopropyltoluene (p-Cymene)	NC
Methyl tert-Butyl Ether (MTBE)	NC
Methylene Chloride	CT,NH,NY,NC
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC
Naphthalene	NH,NY,NC
n-Propylbenzene	NC
Styrene	CT,NH,NY,NC
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC
Tetrachloroethylene	CT,NH,NY,NC
Tetrahydrofuran	NC
Toluene	CT,NH,NY,NC
1,2,3-Trichlorobenzene	NC
1,2,4-Trichlorobenzene	NH,NY,NC
1,1,1-Trichloroethane	CT,NH,NY,NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Soil	
1,1,2-Trichloroethane	CT,NH,NY,NC
Trichloroethylene	CT,NH,NY,NC
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC
1,2,3-Trichloropropane	NH,NY,NC
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC
1,2,4-Trimethylbenzene	CT,NH,NY,NC
1,3,5-Trimethylbenzene	CT,NH,NY,NC
Vinyl Chloride	CT,NH,NY,NC
m+p Xylene	CT,NH,NY,NC
o-Xylene	CT,NH,NY,NC
SW-846 8260B in Water	
Acetone	CT,NH,NY,NC
Acrylonitrile	CT,NY,NC,RI
Benzene	CT,NH,NY,NC,RI
Bromobenzene	NC
Bromodichloromethane	CT,NH,NY,NC,RI
Bromoform	CT,NH,NY,NC,RI
Bromomethane	CT,NH,NY,NC,RI
2-Butanone (MEK)	CT,NH,NY,NC
n-Butylbenzene	NY,NC
sec-Butylbenzene	NY,NC
tert-Butylbenzene	NY,NC
Carbon Disulfide	CT,NH,NY,NC
Carbon Tetrachloride	CT,NH,NY,NC,RI
Chlorobenzene	CT,NH,NY,NC,RI
Chlorodibromomethane	CT,NH,NY,NC,RI
Chloroethane	CT,NH,NY,NC,RI
Chloroform	CT,NH,NY,NC,RI
Chloromethane	CT,NH,NY,NC,RI
2-Chlorotoluene	NY,NC
4-Chlorotoluene	NY,NC
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC
Dibromomethane	NH,NY,NC
1,2-Dichlorobenzene	CT,NY,NC,RI
1,3-Dichlorobenzene	CT,NH,NY,NC,RI
1,4-Dichlorobenzene	CT,NH,NY,NC,RI
trans-1,4-Dichloro-2-butene	NH,NY,NC
Dichlorodifluoromethane (Freon 12)	NH,NY,NC,RI
1,1-Dichloroethane	CT,NH,NY,NC,RI
1,2-Dichloroethane	CT,NH,NY,NC,RI
1,1-Dichloroethylene	CT,NH,NY,NC,RI
cis-1,2-Dichloroethylene	NC
trans-1,2-Dichloroethylene	CT,NH,NY,NC,RI
1,2-Dichloropropane	CT,NH,NY,NC,RI
1,3-Dichloropropane	NY,NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Water	
2,2-Dichloropropane	NH,NY,NC
1,1-Dichloropropene	NH,NY,NC
cis-1,3-Dichloropropene	CT,NH,NY,NC,RI
trans-1,3-Dichloropropene	CT,NH,NY,NC,RI
Ethylbenzene	CT,NH,NY,NC,RI
Hexachlorobutadiene	CT,NH,NY,NC
2-Hexanone (MBK)	CT,NH,NY,NC
Isopropylbenzene (Cumene)	NY,NC
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,NC
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,NC
Methylene Chloride	CT,NH,NY,NC,RI
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC
Naphthalene	NH,NY,NC
n-Propylbenzene	CT,NH,NY,NC
Styrene	CT,NH,NY,NC
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC,RI
Tetrachloroethylene	CT,NH,NY,NC,RI
Tetrahydrofuran	NC
Toluene	CT,NH,NY,NC,RI
1,2,3-Trichlorobenzene	NH,NY,NC
1,2,4-Trichlorobenzene	CT,NH,NY,NC
1,1,1-Trichloroethane	CT,NH,NY,NC,RI
1,1,2-Trichloroethane	CT,NH,NY,NC,RI
Trichloroethylene	CT,NH,NY,NC,RI
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC,RI
1,2,3-Trichloropropane	NH,NY,NC
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC
1,2,4-Trimethylbenzene	NY,NC
1,3,5-Trimethylbenzene	NY,NC
Vinyl Chloride	CT,NH,NY,NC,RI
m+p Xylene	CT,NH,NY,NC,RI
o-Xylene	CT,NH,NY,NC,RI
SW-846 8270C in Soil	
Acenaphthene	CT,NY,NH
Acenaphthylene	CT,NY,NH
Aniline	NY,NH
Anthracene	CT,NY,NH
Benzo(a)anthracene	CT,NY,NH
Benzo(a)pyrene	CT,NY,NH
Benzo(b)fluoranthene	CT,NY,NH
Benzo(g,h,i)perylene	CT,NY,NH
Benzo(k)fluoranthene	CT,NY,NH
Bis(2-chloroethoxy)methane	CT,NY,NH
Bis(2-chloroethyl)ether	CT,NY,NH
Bis(2-chloroisopropyl)ether	CT,NY,NH

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CERTIFICATIONS

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Analyte	Certifications
SW-846 8270C in Soil	
Bis(2-Ethylhexyl)phthalate	CT,NY,NH
4-Bromophenylphenylether	CT,NY,NH
Butylbenzylphthalate	CT,NY,NH
4-Chloroaniline	CT,NY,NH
4-Chloro-3-methylphenol	CT,NY,NH
2-Chloronaphthalene	CT,NY,NH
2-Chlorophenol	CT,NY,NH
4-Chlorophenylphenylether	CT,NY,NH
Chrysene	CT,NY,NH
Dibenz(a,h)anthracene	CT,NY,NH
Dibenzofuran	CT,NY,NH
Di-n-butylphthalate	CT,NY,NH
1,2-Dichlorobenzene	NY,NH
1,3-Dichlorobenzene	NY,NH
1,4-Dichlorobenzene	NY,NH
3,3-Dichlorobenzidine	CT,NY,NH
2,4-Dichlorophenol	CT,NY,NH
Diethylphthalate	CT,NY,NH
2,4-Dimethylphenol	CT,NY,NH
Dimethylphthalate	CT,NY,NH
4,6-Dinitro-2-methylphenol	CT,NY,NH
2,4-Dinitrophenol	CT,NY,NH
2,4-Dinitrotoluene	CT,NY,NH
2,6-Dinitrotoluene	CT,NY,NH
Di-n-octylphthalate	CT,NY,NH
Fluoranthene	CT,NY,NH
Fluorene	NY,NH
Hexachlorobenzene	CT,NY,NH
Hexachlorobutadiene	CT,NY,NH
Hexachlorocyclopentadiene	CT,NY,NH
Hexachloroethane	CT,NY,NH
Indeno(1,2,3-cd)pyrene	CT,NY,NH
Isophorone	CT,NY,NH
2-Methylnaphthalene	CT,NY,NH
2-Methylphenol	CT,NY,NH
3/4-Methylphenol	CT,NY,NH
Naphthalene	CT,NY,NH
2-Nitroaniline	CT,NY,NH
3-Nitroaniline	CT,NY,NH
4-Nitroaniline	CT,NY,NH
Nitrobenzene	CT,NY,NH
2-Nitrophenol	CT,NY,NH
4-Nitrophenol	CT,NY,NH
N-Nitrosodiphenylamine	CT,NY,NH
N-Nitrosodi-n-propylamine	CT,NY,NH
Pentachlorophenol	CT,NY,NH
Phenanthrene	CT,NY,NH

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Analyte	Certifications
SW-846 8270C in Soil	
Phenol	CT,NY,NH
Pyrene	CT,NY,NH
Pyridine	CT,NY,NH
1,2,4-Trichlorobenzene	CT,NY,NH
2,4,5-Trichlorophenol	CT,NY,NH
2,4,6-Trichlorophenol	CT,NY,NH
SW-846 8270C in Water	
Acenaphthene	CT,NY,NH,RI
Acenaphthylene	CT,NY,NH,RI
Aniline	CT,NY
Anthracene	CT,NY,NH,RI
Benzo(a)anthracene	CT,NY,NH,RI
Benzo(a)pyrene	CT,NY,NH,RI
Benzo(b)fluoranthene	CT,NY,NH,RI
Benzo(g,h,i)perylene	CT,NY,NH,RI
Benzo(k)fluoranthene	CT,NY,NH,RI
Bis(2-chloroethoxy)methane	CT,NY,NH,RI
Bis(2-chloroethyl)ether	CT,NY,NH,RI
Bis(2-chloroisopropyl)ether	CT,NY,NH,RI
Bis(2-Ethylhexyl)phthalate	CT,NY,NH,RI
4-Bromophenylphenylether	CT,NY,NH,RI
Butylbenzylphthalate	CT,NY,NH,RI
4-Chloroaniline	CT,NY,NH
4-Chloro-3-methylphenol	CT,NY,NH,RI
2-Chloronaphthalene	CT,NY,NH,RI
2-Chlorophenol	CT,NY,NH,RI
4-Chlorophenylphenylether	CT,NY,NH,RI
Chrysene	CT,NY,NH,RI
Dibenz(a,h)anthracene	CT,NY,NH,RI
Dibenzofuran	CT,NY,NH
Di-n-butylphthalate	CT,NY,NH,RI
3,3-Dichlorobenzidine	CT,NY,NH,RI
2,4-Dichlorophenol	CT,NY,NH,RI
Diethylphthalate	CT,NY,NH,RI
2,4-Dimethylphenol	CT,NY,NH,RI
Dimethylphthalate	CT,NY,NH,RI
4,6-Dinitro-2-methylphenol	CT,NY,NH,RI
2,4-Dinitrophenol	CT,NY,NH,RI
2,4-Dinitrotoluene	CT,NY,NH,RI
2,6-Dinitrotoluene	CT,NY,NH,RI
Di-n-octylphthalate	CT,NY,NH,RI
Fluoranthene	CT,NY,NH,RI
Fluorene	NY,NH,RI
Hexachlorobenzene	CT,NY,NH,RI
Hexachlorobutadiene	CT,NY,NH,RI
Hexachlorocyclopentadiene	CT,NY,NH,RI

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CERTIFICATIONS

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Analyte	Certifications
SW-846 8270C in Water	
Hexachloroethane	CT,NY,NH,RI
Indeno(1,2,3-cd)pyrene	CT,NY,NH,RI
Isophorone	CT,NY,NH,RI
2-Methylnaphthalene	CT,NY,NH
2-Methylphenol	CT,NY,NH
3/4-Methylphenol	CT,NY,NH
Naphthalene	CT,NY,NH,RI
2-Nitroaniline	CT,NY,NH
3-Nitroaniline	CT,NY,NH
4-Nitroaniline	CT,NY,NH
Nitrobenzene	CT,NY,NH,RI
2-Nitrophenol	CT,NY,NH,RI
4-Nitrophenol	CT,NY,NH,RI
N-Nitrosodiphenylamine	CT,NY,NH,RI
N-Nitrosodi-n-propylamine	CT,NY,NH,RI
Pentachlorophenol	CT,NY,NH,RI
Phenanthrene	CT,NY,NH,RI
Phenol	CT,NY,NH,RI
Pyrene	CT,NY,NH,RI
Pyridine	CT,NY,NH
1,2,4-Trichlorobenzene	CT,NY,NH,RI
2,4,5-Trichlorophenol	CT,NY,NH
2,4,6-Trichlorophenol	CT,NY,NH,RI
SW846 9014 in Water	
Cyanide	NY,CT,NH,RI,NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

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Phone: 413-525-2332
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Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

10L0791

39 Spruce Street
East Longmeadow, MA 01028

Company Name: AKRF Inc. | Telephone: 646-388-9882
Address: 7012 Main Street Suite C, Willimantic, CT 06226 | Project #: 91065
Attention: Glen Stefaniak | Client PO#:
Project Location: 6 Rubber Ave, Naugatuck, CT
Sampled By: Steve Grenis

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ☒ EMAIL ○ WEBSITE
Fax #:
Email: gstefaniak@akrf.com
Format: ☒ PDF ☒ EXCEL ○ GIS
○ OTHER _____
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Type	VOCs	SVOCs	ETPH	RCRA 8 Metals	Cyanide	Lead	Arsenic	Mercury
								M/I	I	I	I	I	I	I	I	I	I	I
								V	A	A	A	A	A	A	A	A	A	A
-01	GDC-SB-122 (0-2)	12/9/10	1046		X	S	U				X	X	X			X	X	X
-02	GDC-SB-122 (4-6)	12/9/10	1050		X	S	U				X	X	X			X	X	X
-03	GDC-SB-122-MS	12/9/10	1052		X	S	U				X	X	X			X	X	X
-04	GDC-SB-123 (0-2)	12/9/10	1220		X	S	U				X	X	X			X	X	X
-04	GDC-SB-123 (9-11)	12/9/10	1225		X	S	U				X	X	X			X	X	X
-05	GDC-SB-123B (9-11)	12/9/10	1230		X	S	U				X	X	X			X	X	X
-06	GDC-SB-124 (0-2)	12/9/10	1418		X	S	U					X				X	X	X
-07	GDC-SB-124 (6-8)	12/9/10	1430		X	S	U				X		X			X	X	X
-08	FB2010 1209	12/9/10	1100		NA	O	NA				X	X	X	X	X	X	X	X
-09	TB2010 1209	12/9/10	1115		NA	O	NA				X							

Comments: ☆ Hold Sample(s): GDC-SB-122 (0-2); GDC-SB-123 (0-2) 12-09-10 18:

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other _____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other Trip Blank, Field Blank

Relinquished by: (signature)	Date/Time: 12/9/10 1612	
Received by: (signature)	Date/Time: 12/9/10 1612	
Relinquished by: (signature)	Date/Time: 12/9/10 525	
Received by: (signature)	Date/Time: 12/9/10 550	

Turnaround ††
☒ 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: CTRSR, RDEC, GBPMC
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED

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Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

Page 2 of 2

10L0291

Company Name: AKRF, Inc
Address: 7 Wells Ave, Suite C, Newton, MA 02459
Attention: Glen Stefaniak
Project Location: 6 Rubber Ave, Naugatuck
Sampled By: Steve Green

Telephone: 646-388-9892
Project # 91065
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ☒ EMAIL ○ WEBSITE
Fax #
Email: gstefaniak@akrf.com
Format: ☒ PDF ☒ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	VOCs	SVOCs	ETPH	PCBs	Cyanide	lead	arsenic	mercury
-10	GDC-SB-126(2-4)	12/9/10	1545		X	S	L		X	X			X	X	X
-11	GDC-SB-126(8-10)	12/9/10	1600		X	S	L	X	X	X			X	X	X

# of Containe
** Preservatio
***Container

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

Comments:
12-09-10 18:40 !!

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

	Date/Time:
Relinquished by: (signature)	12/9/10 1612
Received by: (signature)	12/9/10 1612
Relinquished by: (signature)	12/9/10 553
Received by: (signature)	12/9/10 553

Turnaround ††
☒ 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: CTRSR RDEC, GB PMC
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH THE nelac
AIHA ACCREDITED LABORATORY
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED

www.contestlabs.com

con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist

39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

CLIENT NAME: AKRF, Inc RECEIVED BY: TEC DATE: 12/9/10

1) Was the chain(s) of custody relinquished and signed? (Yes) No

2) Does the chain agree with the samples? (Yes) No
If not, explain:

3) Are all the samples in good condition? (Yes) No
If not, explain:

4) How were the samples received:
On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☐

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 2.2

5) Are there Dissolved samples for the lab to filter? Yes (No)
Who was notified _____ Date _____ Time _____

6) Are there any samples "On Hold"? (Yes) No Stored where: _____

7) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)
Who was notified _____ Date _____ Time _____

8) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber	6	8 oz amber/clear jar	10
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic	1	Air Cassette	
40 mL Vial - type listed below	30	SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
Flashpoint bottle		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments: 12-09-10 18:40 l.

40 mL vials: # HCl 3 # Methanol 9
Bisulfate _____ # DI Water 18
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Do all samples have the proper Acid pH: (Yes) No N/A _____

Do all samples have the proper Base pH: Yes No (N/A) _____

CT ETPH DISCRIMINATION CHECK

Date Acquired	12/13/10
Data File Name	A1213051.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.09	330240	348601	-5
c - 10	1.43	338986	348601	-3
c - 12	2.15	348592	348601	0
c - 14	2.81	356068	348601	2
c - 16	3.40	361218	348601	4
c - 18	3.97	363698	348601	4
o-Terphenyl	4.24	405113	348601	
c - 20	4.58	360098	348601	3
c - 22	5.10	349597	348601	0
c - 24	5.54	357970	348601	3
c - 26	5.93	354737	348601	2
c - 28	6.29	351758	348601	1
c - 30	6.63	347708	348601	0
c - 32	6.94	342480	348601	-2
c - 34	7.23	336431	348601	-3
c - 36	7.51	329440	348601	-5

* One compound allowed %D </= 50%

Samples

10L0291-10
10L0291-11@5X

CT ETPH DISCRIMINATION CHECK

Date Acquired	12/14/10
Data File Name	A1214025.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.09	259208	264765	-2
c - 10	1.43	263886	264765	0
c - 12	2.15	268817	264765	2
c - 14	2.81	272930	264765	3
c - 16	3.40	275716	264765	4
c - 18	3.97	277280	264765	5
o-Terphenyl	4.24	309166	264765	
c - 20	4.58	273252	264765	3
c - 22	5.10	264950	264765	0
c - 24	5.54	270722	264765	2
c - 26	5.94	267979	264765	1
c - 28	6.29	263007	264765	-1
c - 30	6.63	261188	264765	-1
c - 32	6.94	256020	264765	-3
c - 34	7.23	250692	264765	-5
c - 36	7.51	245823	264765	-7

* One compound allowed %D </= 50%

Samples

10L0291-02@5X
10L0264-01@10X

CT ETPH DISCRIMINATION CHECK

Date Acquired	12/15/10
Data File Name	A1215006.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.30	400187	437791	-9
c - 10	1.68	410727	437791	-6
c - 12	2.43	427831	437791	-2
c - 14	3.11	445668	437791	2
c - 16	3.71	460473	437791	5
c - 18	4.36	469269	437791	7
o-Terphenyl	4.65	519413	437791	
c - 20	4.96	466882	437791	7
c - 22	5.46	454910	437791	4
c - 24	5.90	464613	437791	6
c - 26	6.29	456975	437791	4
c - 28	6.65	445897	437791	2
c - 30	6.99	434231	437791	-1
c - 32	7.30	421041	437791	-4
c - 34	7.61	408851	437791	-7
c - 36	7.99	399313	437791	-9

* One compound allowed %D </= 50%

Samples

10L0291-05
10L0264-07@40X
10L0291-07@25X

CT ETPH DISCRIMINATION CHECK

Date Acquired	12/15/10
Data File Name	A1215007.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.07	273906	286326	-4
c - 10	1.42	279388	286326	-2
c - 12	2.14	287261	286326	0
c - 14	2.80	295777	286326	3
c - 16	3.39	302596	286326	6
c - 18	3.96	307156	286326	7
o-Terphenyl	4.23	341250	286326	
c - 20	4.58	304445	286326	6
c - 22	5.09	295635	286326	3
c - 24	5.54	301368	286326	5
c - 26	5.93	295904	286326	3
c - 28	6.29	289522	286326	1
c - 30	6.63	280124	286326	-2
c - 32	6.94	269716	286326	-6
c - 34	7.23	260114	286326	-9
c - 36	7.51	251985	286326	-12

* One compound allowed %D </= 50%

Samples

10L0264-05
10L0264-06
10L0264-09
10L0291-04
10L0264-04@10X
10L0264-08@25X

CT ETPH DISCRIMINATION CHECK

Date Acquired	12/16/10
Data File Name	A1216007.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.07	298878	314285	-5
c - 10	1.42	307469	314285	-2
c - 12	2.14	318111	314285	1
c - 14	2.80	327457	314285	4
c - 16	3.39	334800	314285	7
c - 18	3.96	338899	314285	8
o-Terphenyl	4.23	375986	314285	
c - 20	4.58	335306	314285	7
c - 22	5.09	324770	314285	3
c - 24	5.54	329314	314285	5
c - 26	5.93	323485	314285	3
c - 28	6.29	315413	314285	0
c - 30	6.63	305461	314285	-3
c - 32	6.94	295055	314285	-6
c - 34	7.23	284239	314285	-10
c - 36	7.51	275622	314285	-12

* One compound allowed %D </= 50%

Samples

10L0291-08

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: AKRF - WILLIMANTIC, CT

Project Location: 6 Rubber Ave., Naugatuck, CT

Project Number: 10L0291

Laboratory Sample ID(s):

10L0291-02 thru 10L0291-11

Sample Date(s):

12/09/2010

List RCP Methods Used:

CTDEP ETPH, SW-846 6010B, SW-846 6020A, SW-846 7470A, SW-846 7471A, SW-846 8082, SW-846 8260B, SW-846 8270C, SW846 9014

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ 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)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☐ Yes ☑ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

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: Michael A. Erickson **Date:** 12/17/10

Name of Laboratory: Con-Test Analytical Laboratory

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

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

December 21, 2010

Glen Stefaniak
AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226

Project Location: 6 Rubber Ave, Naugatuck, CT
Client Job Number:
Project Number: 91065
Laboratory Work Order Number: 10L0387

Enclosed are results of analyses for samples received by the laboratory on December 14, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Susan M. Burney
Project Manager

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

AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226
ATTN: Glen Stefaniak

REPORT DATE: 12/21/2010

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 91065

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10L0387

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

PROJECT LOCATION: 6 Rubber Ave, Naugatuck, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GDC-TP-03 (2-4)	10L0387-01	Soil		SM 2540G SW-846 1312 SW-846 8270C	

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

CASE NARRATIVE SUMMARY

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

SW-846 8270C

Qualifications:

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

Analyte & Samples(s) Qualified:

3-Nitroaniline, 4-Chloroaniline

10L0387-01[GDC-TP-03 (2-4)], B023913-BLK1, B023913-BS1

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

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol, 4-Nitrophenol

10L0387-01[GDC-TP-03 (2-4)], B023913-BLK1, B023913-BS1

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

Analyte & Samples(s) Qualified:

Pentachloronitrobenzene

10L0387-01[GDC-TP-03 (2-4)], B023913-BLK1, B023913-BS1

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Daren J. Damboragian
Laboratory Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave, Naugatuck, CT Sample Description: Work Order: 10L0387

Date Received: 12/14/2010

Field Sample #: GDC-TP-03 (2-4) Sampled: 11/30/2010 00:00

Sample ID: 10L0387-01

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.5		% Wt	1		SM 2540G	12/15/10	12/15/10 9:32	VAF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0387

Date Received: 12/14/2010

Field Sample #: GDC-TP-03 (2-4) | Sampled: 11/30/2010 00:00

Sample ID: 10L0387-01

Sample Matrix: Soil

SPLP - Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Acenaphthylene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Acetophenone	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Aniline	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Anthracene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Benzidine	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Benzo(a)anthracene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Benzo(a)pyrene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Benzo(b)fluoranthene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Benzo(g,h,i)perylene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Benzo(k)fluoranthene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Benzoic Acid	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
4-Chloroaniline	ND	10	µg/L	1	L-03	SW-846 8270C	12/19/10	12/20/10 20:56	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Chrysene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Dibenz(a,h)anthracene	ND	5.4	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
1,2-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
1,3-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
1,4-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
2,4-Dinitrophenol	ND	10	µg/L	1	V-05	SW-846 8270C	12/19/10	12/20/10 20:56	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Fluoranthene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0387

Date Received: 12/14/2010

Field Sample #: GDC-TP-03 (2-4) | Sampled: 11/30/2010 00:00

Sample ID: 10L0387-01

Sample Matrix: Soil

SPLP - Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Hexachloroethane	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Isophorone	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
1-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
2-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
2-Methylphenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Naphthalene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
3-Nitroaniline	ND	10	µg/L	1	L-03	SW-846 8270C	12/19/10	12/20/10 20:56	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
4-Nitrophenol	ND	10	µg/L	1	V-05	SW-846 8270C	12/19/10	12/20/10 20:56	BGL
N-Nitrosodimethylamine	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
N-Nitrosodiphenylamine	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Pentachloronitrobenzene	ND	10	µg/L	1	V-16	SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Phenanthrene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Phenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Pyrene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
Pyridine	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 20:56	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	38.8	15-110		12/20/10 20:56
Phenol-d6	27.7	15-110		12/20/10 20:56
Nitrobenzene-d5	42.1	30-130		12/20/10 20:56
2-Fluorobiphenyl	52.7	30-130		12/20/10 20:56
2,4,6-Tribromophenol	66.1	15-110		12/20/10 20:56
Terphenyl-d14	72.0	30-130		12/20/10 20:56

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
10L0387-01 [GDC-TP-03 (2-4)]	B023675	12/15/10

Prep Method: SW-846 3510C-SW-846 8270C **Leachates were extracted on 12/16/2010 per SW-846 1312 in Batch B023779**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0387-01 [GDC-TP-03 (2-4)]	B023913	500	0.500	12/19/10

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QUALITY CONTROL

SPLP - Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023913 - SW-846 3510C										
Blank (B023913-BLK1)				Prepared: 12/19/10 Analyzed: 12/20/10						
Acenaphthene	ND	5.0	µg/L							
Acenaphthylene	ND	5.0	µg/L							
Acetophenone	ND	10	µg/L							
Aniline	ND	5.0	µg/L							
Anthracene	ND	5.0	µg/L							
Benzidine	ND	10	µg/L							
Benzo(a)anthracene	ND	5.0	µg/L							
Benzo(a)pyrene	ND	5.0	µg/L							
Benzo(b)fluoranthene	ND	5.0	µg/L							
Benzo(g,h,i)perylene	ND	5.0	µg/L							
Benzo(k)fluoranthene	ND	5.0	µg/L							
Benzoic Acid	ND	10	µg/L							
Bis(2-chloroethoxy)methane	ND	10	µg/L							
Bis(2-chloroethyl)ether	ND	10	µg/L							
Bis(2-chloroisopropyl)ether	ND	10	µg/L							
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L							
4-Bromophenylphenylether	ND	10	µg/L							
Butylbenzylphthalate	ND	10	µg/L							
Carbazole	ND	10	µg/L							
4-Chloroaniline	ND	10	µg/L							L-03
4-Chloro-3-methylphenol	ND	10	µg/L							
2-Chloronaphthalene	ND	10	µg/L							
2-Chlorophenol	ND	10	µg/L							
4-Chlorophenylphenylether	ND	10	µg/L							
Chrysene	ND	5.0	µg/L							
Dibenz(a,h)anthracene	ND	5.4	µg/L							
Dibenzofuran	ND	5.0	µg/L							
Di-n-butylphthalate	ND	10	µg/L							
1,2-Dichlorobenzene	ND	5.0	µg/L							
1,3-Dichlorobenzene	ND	5.0	µg/L							
1,4-Dichlorobenzene	ND	5.0	µg/L							
3,3-Dichlorobenzidine	ND	10	µg/L							
2,4-Dichlorophenol	ND	10	µg/L							
Diethylphthalate	ND	10	µg/L							
2,4-Dimethylphenol	ND	10	µg/L							
Dimethylphthalate	ND	10	µg/L							
4,6-Dinitro-2-methylphenol	ND	10	µg/L							
2,4-Dinitrophenol	ND	10	µg/L							V-05
2,4-Dinitrotoluene	ND	10	µg/L							
2,6-Dinitrotoluene	ND	10	µg/L							
Di-n-octylphthalate	ND	10	µg/L							
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L							
Fluoranthene	ND	5.0	µg/L							
Fluorene	ND	5.0	µg/L							
Hexachlorobenzene	ND	10	µg/L							
Hexachlorobutadiene	ND	10	µg/L							
Hexachlorocyclopentadiene	ND	10	µg/L							
Hexachloroethane	ND	10	µg/L							
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L							
Isophorone	ND	10	µg/L							
1-Methylnaphthalene	ND	5.0	µg/L							
2-Methylnaphthalene	ND	5.0	µg/L							

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QUALITY CONTROL

SPLP - Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B023913 - SW-846 3510C												
Blank (B023913-BLK1)				Prepared: 12/19/10 Analyzed: 12/20/10								
2-Methylphenol	ND	10	µg/L									
3/4-Methylphenol	ND	10	µg/L									
Naphthalene	ND	5.0	µg/L									
2-Nitroaniline	ND	10	µg/L									
3-Nitroaniline	ND	10	µg/L								L-03	
4-Nitroaniline	ND	10	µg/L									
Nitrobenzene	ND	10	µg/L									
2-Nitrophenol	ND	10	µg/L									
4-Nitrophenol	ND	10	µg/L								V-05	
N-Nitrosodimethylamine	ND	5.0	µg/L									
N-Nitrosodiphenylamine	ND	10	µg/L									
N-Nitrosodi-n-propylamine	ND	10	µg/L									
Pentachloronitrobenzene	ND	10	µg/L								V-16	
Pentachlorophenol	ND	10	µg/L									
Phenanthrene	ND	5.0	µg/L									
Phenol	ND	10	µg/L									
Pyrene	ND	5.0	µg/L									
Pyridine	ND	5.0	µg/L									
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L									
1,2,4-Trichlorobenzene	ND	5.0	µg/L									
2,4,5-Trichlorophenol	ND	10	µg/L									
2,4,6-Trichlorophenol	ND	10	µg/L									
Surrogate: 2-Fluorophenol	*148*		µg/L	200		74.0		15-110				
Surrogate: Phenol-d6	*157*		µg/L	200		78.6		15-110				
Surrogate: Nitrobenzene-d5	*62.6*		µg/L	100		62.6		30-130				
Surrogate: 2-Fluorobiphenyl	*75.8*		µg/L	100		75.8		30-130				
Surrogate: 2,4,6-Tribromophenol	*149*		µg/L	200		74.3		15-110				
Surrogate: Terphenyl-d14	*82.8*		µg/L	100		82.8		30-130				
LCS (B023913-BS1)				Prepared: 12/19/10 Analyzed: 12/20/10								
Acenaphthene	64.2	5.0	µg/L	100		64.2		40-140				
Acenaphthylene	62.5	5.0	µg/L	100		62.5		40-140				
Acetophenone	28.6	10	µg/L	50.0		57.1		40-140				
Aniline	50.9	5.0	µg/L	100		50.9		40-140				
Anthracene	64.1	5.0	µg/L	100		64.1		40-140				
Benzidine	46.1	10	µg/L	100		46.1		40-140				
Benzo(a)anthracene	63.2	5.0	µg/L	100		63.2		40-140				
Benzo(a)pyrene	67.7	5.0	µg/L	100		67.7		40-140				
Benzo(b)fluoranthene	72.2	5.0	µg/L	100		72.2		40-140				
Benzo(g,h,i)perylene	76.9	5.0	µg/L	100		76.9		40-140				
Benzo(k)fluoranthene	66.0	5.0	µg/L	100		66.0		40-140				
Benzoic Acid	35.0	10	µg/L	100		35.0		10-130				†
Bis(2-chloroethoxy)methane	68.2	10	µg/L	100		68.2		40-140				
Bis(2-chloroethyl)ether	77.1	10	µg/L	100		77.1		40-140				
Bis(2-chloroisopropyl)ether	47.1	10	µg/L	100		47.1		40-140				
Bis(2-Ethylhexyl)phthalate	66.2	10	µg/L	100		66.2		40-140				
4-Bromophenylphenylether	83.2	10	µg/L	100		83.2		40-140				
Butylbenzylphthalate	64.4	10	µg/L	100		64.4		40-140				
Carbazole	58.3	10	µg/L	100		58.3		40-140				
4-Chloroaniline	21.6	10	µg/L	100		**21.6**	*	40-140			L-03	
4-Chloro-3-methylphenol	67.0	10	µg/L	100		67.0		30-130				
2-Chloronaphthalene	62.8	10	µg/L	100		62.8		40-140				

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QUALITY CONTROL

SPLP - Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B023913 - SW-846 3510C												
LCS (B023913-BS1)					Prepared: 12/19/10 Analyzed: 12/20/10							
2-Chlorophenol	62.8	10	µg/L	100		62.8		30-130				
4-Chlorophenylphenylether	75.2	10	µg/L	100		75.2		40-140				
Chrysene	63.7	5.0	µg/L	100		63.7		40-140				
Dibenz(a,h)anthracene	86.2	5.4	µg/L	100		86.2		40-140				
Dibenzofuran	76.0	5.0	µg/L	100		76.0		40-140				
Di-n-butylphthalate	71.1	10	µg/L	100		71.1		40-140				
1,2-Dichlorobenzene	65.2	5.0	µg/L	100		65.2		40-140				
1,3-Dichlorobenzene	63.2	5.0	µg/L	100		63.2		40-140				
1,4-Dichlorobenzene	66.7	5.0	µg/L	100		66.7		40-140				
3,3-Dichlorobenzidine	49.9	10	µg/L	100		49.9		40-140				
2,4-Dichlorophenol	78.6	10	µg/L	100		78.6		30-130				
Diethylphthalate	61.2	10	µg/L	100		61.2		40-140				
2,4-Dimethylphenol	72.1	10	µg/L	100		72.1		30-130				
Dimethylphthalate	66.1	10	µg/L	100		66.1		40-140				
4,6-Dinitro-2-methylphenol	60.2	10	µg/L	100		60.2		30-130				
2,4-Dinitrophenol	47.7	10	µg/L	100		47.7		30-130			V-05	
2,4-Dinitrotoluene	60.4	10	µg/L	100		60.4		40-140				
2,6-Dinitrotoluene	66.4	10	µg/L	100		66.4		40-140				
Di-n-octylphthalate	72.6	10	µg/L	100		72.6		40-140				
1,2-Diphenylhydrazine (as Azobenzene)	75.7	10	µg/L	100		75.7		40-140				
Fluoranthene	63.3	5.0	µg/L	100		63.3		40-140				
Fluorene	64.8	5.0	µg/L	100		64.8		40-140				
Hexachlorobenzene	84.9	10	µg/L	100		84.9		40-140				
Hexachlorobutadiene	85.0	10	µg/L	100		85.0		40-140				
Hexachlorocyclopentadiene	77.9	10	µg/L	100		77.9		30-140				†
Hexachloroethane	67.5	10	µg/L	100		67.5		40-140				
Indeno(1,2,3-cd)pyrene	93.6	5.0	µg/L	100		93.6		40-140				
Isophorone	63.6	10	µg/L	100		63.6		40-140				
1-Methylnaphthalene	74.7	5.0	µg/L	100		74.7		40-140				
2-Methylnaphthalene	67.4	5.0	µg/L	100		67.4		40-140				
2-Methylphenol	59.7	10	µg/L	100		59.7		30-130				
3/4-Methylphenol	62.4	10	µg/L	100		62.4		30-130				
Naphthalene	65.8	5.0	µg/L	100		65.8		40-140				
2-Nitroaniline	59.4	10	µg/L	100		59.4		40-140				
3-Nitroaniline	37.4	10	µg/L	100		**37.4**	*	40-140			L-03	
4-Nitroaniline	48.6	10	µg/L	100		48.6		40-140				
Nitrobenzene	66.0	10	µg/L	100		66.0		40-140				
2-Nitrophenol	70.4	10	µg/L	100		70.4		30-130				
4-Nitrophenol	52.0	10	µg/L	100		52.0		10-130			V-05	†
N-Nitrosodimethylamine	49.8	5.0	µg/L	100		49.8		40-140				
N-Nitrosodiphenylamine	92.0	10	µg/L	100		92.0		40-140				
N-Nitrosodi-n-propylamine	62.0	10	µg/L	100		62.0		40-140				
Pentachloronitrobenzene	43.5	10	µg/L	50.0		87.0		40-140			V-16	
Pentachlorophenol	53.0	10	µg/L	100		53.0		30-130				
Phenanthrene	66.7	5.0	µg/L	100		66.7		40-140				
Phenol	66.2	10	µg/L	100		66.2		20-130				†
Pyrene	58.6	5.0	µg/L	100		58.6		40-140				
Pyridine	34.6	5.0	µg/L	100		34.6		10-140				†
1,2,4,5-Tetrachlorobenzene	42.3	10	µg/L	50.0		84.6		40-140				
1,2,4-Trichlorobenzene	80.1	5.0	µg/L	100		80.1		40-140				
2,4,5-Trichlorophenol	76.0	10	µg/L	100		76.0		30-130				
2,4,6-Trichlorophenol	76.0	10	µg/L	100		76.0		30-130				

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QUALITY CONTROL

SPLP - Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023913 - SW-846 3510C										
LCS (B023913-BS1)				Prepared: 12/19/10 Analyzed: 12/20/10						
Surrogate: 2-Fluorophenol	*149*		µg/L	200		74.7	15-110			
Surrogate: Phenol-d6	*136*		µg/L	200		68.1	15-110			
Surrogate: Nitrobenzene-d5	*64.5*		µg/L	100		64.5	30-130			
Surrogate: 2-Fluorobiphenyl	*80.4*		µg/L	100		80.4	30-130			
Surrogate: 2,4,6-Tribromophenol	*180*		µg/L	200		89.9	15-110			
Surrogate: Terphenyl-d14	*76.0*		µg/L	100		76.0	30-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-03	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications

No certified Analyses included in this Report

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

1060387

CHAIN OF CUSTODY RECORD

~~1010881~~

con-test® ANALYTICAL LABORATORY
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Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

Page 1 of

Company Name: AMRF, INC. Telephone: 646-388-9882

Address: 700 Main Street Suite C
Willimantic, CT 06226

Project # 91065

Client PO#

Attention: GLEN STEFANIAK

Project Location: 6 RUBBER AVE, NAUGATUCK

Sampled By: STEVE GREUS

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ⊗ EMAIL ○ WEBSITE
Fax #
Email: gstefaniak@akrf.com
Format: ⊗ PDF ⊗ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	VOCs	SVOCs	ETPH	TOTAL RSR 15 METALS	SPLP RSR 15 METALS	PCB's	CYANIDE	SPLP 8082	# Receive 5 day TAT
-01	GDC-TP-01(2-4)	11/30/10	11/30/10		✓	S	U		X	X	X	X	X			
-02	GDC-TP-01(6-7)	11/30/10	11/30/10		✓	S	U		X	X	X	X	X			
-03	GDC-TP-05(2-4)	11/30/10	11/30/10		✓	S	U		X	X	X	X	X	X	X	
-04	GDC-TP-05A(10-12)	11/30/10	11/30/10		✓	S	U		X	X	X	X	X	X		
-05	~~Temp Blank~~ SL															
-06	TB20101101	11/30/10				O		X								

Comments: * Hold Sample(s): GDC-TP-01(6-7)
11-30-10 18:04 IN

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
	11/30/10 1550
Received by: (signature)	Date/Time:
	11/30 1550
Relinquished by: (signature)	Date/Time:
	11/30 1800
Received by: (signature)	Date/Time:
	11/30/10 1800

Turnaround ††
☒ 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: CT RSR
RDEC, GBPMC
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
⊗ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certifie
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED

PLEASE BE CAREFUL NOT TO CONTAMINATE YOUR SAMPLES

*****Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisul
X = Na hydroxide
T = Na thiosulfat
O = Other ____

***Matrix Code:**
GW= groundwat
WW= wastewat
DW= drinking w
A = air
S = soil/solid
SL = sludge
O = other TRIP

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Sample Receipt Checklist

39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

CLIENT NAME: AKRF, Inc. RECEIVED BY: CB DATE: 11/30/10

1) Was the chain(s) of custody relinquished and signed? (Yes) No

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 5.1

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any samples "On Hold"? (Yes) No Stored where: 19

7) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

8) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature:

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)	8	2 oz amber/clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below	3	SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
Flashpoint bottle		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 1

Bisulfate _____ # DI Water 2

Thiosulfate _____ Unpreserved _____

Time and Date Frozen: 11-30-10 18:04 IN

Do all samples have the proper Acid pH: Yes No (N/A) _____

Do all samples have the proper Base pH: Yes No (N/A) _____

June 2010

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: AKRF - WILLIMANTIC, CT

Project Location: 6 Rubber Ave, Naugatuck, CT

Project Number: 10L0387

Laboratory Sample ID(s):

10L0387-01

Sample Date(s):

11/30/2010

List RCP Methods Used:

SW-846 1312, SW-846 8270C

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ 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)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐ Yes ☑ No

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 Manager

Printed Name: Daren J. Damboragian **Date:** 12/21/10

Name of Laboratory: Con-Test Analytical Laboratory

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

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December 21, 2010

Glen Stefaniak
AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226

Project Location: 6 Rubber Ave., Naugatuck, CT
Client Job Number:
Project Number: 91065
Laboratory Work Order Number: 10L0388

Enclosed are results of analyses for samples received by the laboratory on December 14, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Susan M. Burney
Project Manager

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

AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226
ATTN: Glen Stefaniak

REPORT DATE: 12/21/2010

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 91065

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10L0388

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

PROJECT LOCATION: 6 Rubber Ave., Naugatuck, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GDC-TP-05 (2-4)	10L0388-01	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 1312	
				SW-846 8082	
				SW-846 8270C	

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CASE NARRATIVE SUMMARY

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

SW-846 8082

Qualifications:

Analyte is found in the associated blank as well as in the sample.

Analyte & Samples(s) Qualified:

Aroclor-1016, Aroclor-1016 [2C], Aroclor-1260, Aroclor-1260 [2C]
B023915-BS1

The Method Blank for this analytical batch was spiked. Data validation is not affected due to the sample result being Not Detected.

Analyte & Samples(s) Qualified:

Aroclor-1016, Aroclor-1016 [2C], Aroclor-1260, Aroclor-1260 [2C]
10L0388-01[GDC-TP-05 (2-4)], B023915-BLK1

SW-846 8270C

Qualifications:

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

Analyte & Samples(s) Qualified:

3-Nitroaniline, 4-Chloroaniline
10L0388-01[GDC-TP-05 (2-4)], B023913-BLK1, B023913-BS1

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

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol, 4-Nitrophenol
10L0388-01[GDC-TP-05 (2-4)], B023913-BLK1, B023913-BS1

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

Analyte & Samples(s) Qualified:

Pentachloronitrobenzene
10L0388-01[GDC-TP-05 (2-4)], B023913-BLK1, B023913-BS1

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The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Daren J. Damboragian
Laboratory Manager

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0388

Date Received: 12/14/2010

Field Sample #: GDC-TP-05 (2-4) Sampled: 12/1/2010 07:50

Sample ID: 10L0388-01

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	68.4		% Wt	1		SM 2540G	12/15/10	12/15/10 9:32	VAF

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0388

Date Received: 12/14/2010

Field Sample #: GDC-TP-05 (2-4) | Sampled: 12/1/2010 07:50

Sample ID: 10L0388-01

Sample Matrix: Soil

SPLP - Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Acenaphthylene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Acetophenone	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Aniline	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Anthracene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Benzidine	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Benzo(a)anthracene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Benzo(a)pyrene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Benzo(b)fluoranthene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Benzo(g,h,i)perylene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Benzo(k)fluoranthene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Benzoic Acid	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Carbazole	15	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
4-Chloroaniline	ND	10	µg/L	1	L-03	SW-846 8270C	12/19/10	12/20/10 21:30	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Chrysene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Dibenz(a,h)anthracene	ND	5.4	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
1,2-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
1,3-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
1,4-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
2,4-Dinitrophenol	ND	10	µg/L	1	V-05	SW-846 8270C	12/19/10	12/20/10 21:30	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Fluoranthene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0388

Date Received: 12/14/2010

Field Sample #: GDC-TP-05 (2-4) | Sampled: 12/1/2010 07:50

Sample ID: 10L0388-01

Sample Matrix: Soil

SPLP - Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Hexachloroethane	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Isophorone	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
1-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
2-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
2-Methylphenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Naphthalene	9.2	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
3-Nitroaniline	ND	10	µg/L	1	L-03	SW-846 8270C	12/19/10	12/20/10 21:30	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
4-Nitrophenol	ND	10	µg/L	1	V-05	SW-846 8270C	12/19/10	12/20/10 21:30	BGL
N-Nitrosodimethylamine	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
N-Nitrosodiphenylamine	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Pentachloronitrobenzene	ND	10	µg/L	1	V-16	SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Phenanthrene	12	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Phenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Pyrene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
Pyridine	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 21:30	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	37.4	15-110		12/20/10 21:30
Phenol-d6	25.8	15-110		12/20/10 21:30
Nitrobenzene-d5	40.2	30-130		12/20/10 21:30
2-Fluorobiphenyl	51.2	30-130		12/20/10 21:30
2,4,6-Tribromophenol	69.1	15-110		12/20/10 21:30
Terphenyl-d14	76.3	30-130		12/20/10 21:30

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0388

Date Received: 12/14/2010

Field Sample #: GDC-TP-05 (2-4) | Sampled: 12/1/2010 07:50

Sample ID: 10L0388-01

Sample Matrix: Soil

SPLP - Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1	Z-01	SW-846 8082	12/19/10	12/20/10 14:41	PJG
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082	12/19/10	12/20/10 14:41	PJG
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082	12/19/10	12/20/10 14:41	PJG
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082	12/19/10	12/20/10 14:41	PJG
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082	12/19/10	12/20/10 14:41	PJG
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082	12/19/10	12/20/10 14:41	PJG
Aroclor-1260 [1]	ND	0.20	µg/L	1	Z-01	SW-846 8082	12/19/10	12/20/10 14:41	PJG
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082	12/19/10	12/20/10 14:41	PJG
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082	12/19/10	12/20/10 14:41	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	113	30-150		12/20/10 14:41
Decachlorobiphenyl [2]	108	30-150		12/20/10 14:41
Tetrachloro-m-xylene [1]	87.8	30-150		12/20/10 14:41
Tetrachloro-m-xylene [2]	89.1	30-150		12/20/10 14:41

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0388

Date Received: 12/14/2010

Field Sample #: GDC-TP-05 (2-4) | Sampled: 12/1/2010 07:50

Sample ID: 10L0388-01

Sample Matrix: Soil

SPLP - Semivolatile Organic Compounds by GC

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	0.71	0.075	mg/L	1		CTDEP ETPH	12/19/10	12/20/10 13:48	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
o-Terphenyl	97.5	50-150		12/20/10 13:48

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Sample Extraction Data

Prep Method: SW-846 3510C-CTDEP ETPH **Leachates were extracted on 12/16/2010 per SW-846 1312 in Batch B023779**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0388-01 [GDC-TP-05 (2-4)]	B023914	500	0.500	12/19/10

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
10L0388-01 [GDC-TP-05 (2-4)]	B023675	12/15/10

Prep Method: SW-846 3510C-SW-846 8082 **Leachates were extracted on 12/16/2010 per SW-846 1312 in Batch B023779**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0388-01 [GDC-TP-05 (2-4)]	B023915	500	5.00	12/19/10

Prep Method: SW-846 3510C-SW-846 8270C **Leachates were extracted on 12/16/2010 per SW-846 1312 in Batch B023779**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0388-01 [GDC-TP-05 (2-4)]	B023913	500	0.500	12/19/10

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QUALITY CONTROL

SPLP - Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023913 - SW-846 3510C										
Blank (B023913-BLK1)				Prepared: 12/19/10 Analyzed: 12/20/10						
Acenaphthene	ND	5.0	µg/L							
Acenaphthylene	ND	5.0	µg/L							
Acetophenone	ND	10	µg/L							
Aniline	ND	5.0	µg/L							
Anthracene	ND	5.0	µg/L							
Benzidine	ND	10	µg/L							
Benzo(a)anthracene	ND	5.0	µg/L							
Benzo(a)pyrene	ND	5.0	µg/L							
Benzo(b)fluoranthene	ND	5.0	µg/L							
Benzo(g,h,i)perylene	ND	5.0	µg/L							
Benzo(k)fluoranthene	ND	5.0	µg/L							
Benzoic Acid	ND	10	µg/L							
Bis(2-chloroethoxy)methane	ND	10	µg/L							
Bis(2-chloroethyl)ether	ND	10	µg/L							
Bis(2-chloroisopropyl)ether	ND	10	µg/L							
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L							
4-Bromophenylphenylether	ND	10	µg/L							
Butylbenzylphthalate	ND	10	µg/L							
Carbazole	ND	10	µg/L							
4-Chloroaniline	ND	10	µg/L							L-03
4-Chloro-3-methylphenol	ND	10	µg/L							
2-Chloronaphthalene	ND	10	µg/L							
2-Chlorophenol	ND	10	µg/L							
4-Chlorophenylphenylether	ND	10	µg/L							
Chrysene	ND	5.0	µg/L							
Dibenz(a,h)anthracene	ND	5.4	µg/L							
Dibenzofuran	ND	5.0	µg/L							
Di-n-butylphthalate	ND	10	µg/L							
1,2-Dichlorobenzene	ND	5.0	µg/L							
1,3-Dichlorobenzene	ND	5.0	µg/L							
1,4-Dichlorobenzene	ND	5.0	µg/L							
3,3-Dichlorobenzidine	ND	10	µg/L							
2,4-Dichlorophenol	ND	10	µg/L							
Diethylphthalate	ND	10	µg/L							
2,4-Dimethylphenol	ND	10	µg/L							
Dimethylphthalate	ND	10	µg/L							
4,6-Dinitro-2-methylphenol	ND	10	µg/L							
2,4-Dinitrophenol	ND	10	µg/L							V-05
2,4-Dinitrotoluene	ND	10	µg/L							
2,6-Dinitrotoluene	ND	10	µg/L							
Di-n-octylphthalate	ND	10	µg/L							
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L							
Fluoranthene	ND	5.0	µg/L							
Fluorene	ND	5.0	µg/L							
Hexachlorobenzene	ND	10	µg/L							
Hexachlorobutadiene	ND	10	µg/L							
Hexachlorocyclopentadiene	ND	10	µg/L							
Hexachloroethane	ND	10	µg/L							
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L							
Isophorone	ND	10	µg/L							
1-Methylnaphthalene	ND	5.0	µg/L							
2-Methylnaphthalene	ND	5.0	µg/L							

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QUALITY CONTROL

SPLP - Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B023913 - SW-846 3510C											
Blank (B023913-BLK1)				Prepared: 12/19/10 Analyzed: 12/20/10							
2-Methylphenol	ND	10	µg/L								
3/4-Methylphenol	ND	10	µg/L								
Naphthalene	ND	5.0	µg/L								
2-Nitroaniline	ND	10	µg/L								
3-Nitroaniline	ND	10	µg/L								L-03
4-Nitroaniline	ND	10	µg/L								
Nitrobenzene	ND	10	µg/L								
2-Nitrophenol	ND	10	µg/L								
4-Nitrophenol	ND	10	µg/L								V-05
N-Nitrosodimethylamine	ND	5.0	µg/L								
N-Nitrosodiphenylamine	ND	10	µg/L								
N-Nitrosodi-n-propylamine	ND	10	µg/L								
Pentachloronitrobenzene	ND	10	µg/L								V-16
Pentachlorophenol	ND	10	µg/L								
Phenanthrene	ND	5.0	µg/L								
Phenol	ND	10	µg/L								
Pyrene	ND	5.0	µg/L								
Pyridine	ND	5.0	µg/L								
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L								
1,2,4-Trichlorobenzene	ND	5.0	µg/L								
2,4,5-Trichlorophenol	ND	10	µg/L								
2,4,6-Trichlorophenol	ND	10	µg/L								
Surrogate: 2-Fluorophenol	*148*		µg/L	200		74.0		15-110			
Surrogate: Phenol-d6	*157*		µg/L	200		78.6		15-110			
Surrogate: Nitrobenzene-d5	*62.6*		µg/L	100		62.6		30-130			
Surrogate: 2-Fluorobiphenyl	*75.8*		µg/L	100		75.8		30-130			
Surrogate: 2,4,6-Tribromophenol	*149*		µg/L	200		74.3		15-110			
Surrogate: Terphenyl-d14	*82.8*		µg/L	100		82.8		30-130			
LCS (B023913-BS1)				Prepared: 12/19/10 Analyzed: 12/20/10							
Acenaphthene	64.2	5.0	µg/L	100		64.2		40-140			
Acenaphthylene	62.5	5.0	µg/L	100		62.5		40-140			
Acetophenone	28.6	10	µg/L	50.0		57.1		40-140			
Aniline	50.9	5.0	µg/L	100		50.9		40-140			
Anthracene	64.1	5.0	µg/L	100		64.1		40-140			
Benzidine	46.1	10	µg/L	100		46.1		40-140			
Benzo(a)anthracene	63.2	5.0	µg/L	100		63.2		40-140			
Benzo(a)pyrene	67.7	5.0	µg/L	100		67.7		40-140			
Benzo(b)fluoranthene	72.2	5.0	µg/L	100		72.2		40-140			
Benzo(g,h,i)perylene	76.9	5.0	µg/L	100		76.9		40-140			
Benzo(k)fluoranthene	66.0	5.0	µg/L	100		66.0		40-140			
Benzoic Acid	35.0	10	µg/L	100		35.0		10-130			†
Bis(2-chloroethoxy)methane	68.2	10	µg/L	100		68.2		40-140			
Bis(2-chloroethyl)ether	77.1	10	µg/L	100		77.1		40-140			
Bis(2-chloroisopropyl)ether	47.1	10	µg/L	100		47.1		40-140			
Bis(2-Ethylhexyl)phthalate	66.2	10	µg/L	100		66.2		40-140			
4-Bromophenylphenylether	83.2	10	µg/L	100		83.2		40-140			
Butylbenzylphthalate	64.4	10	µg/L	100		64.4		40-140			
Carbazole	58.3	10	µg/L	100		58.3		40-140			
4-Chloroaniline	21.6	10	µg/L	100		**21.6**	*	40-140			L-03
4-Chloro-3-methylphenol	67.0	10	µg/L	100		67.0		30-130			
2-Chloronaphthalene	62.8	10	µg/L	100		62.8		40-140			

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QUALITY CONTROL

SPLP - Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B023913 - SW-846 3510C												
LCS (B023913-BS1)				Prepared: 12/19/10 Analyzed: 12/20/10								
2-Chlorophenol	62.8	10	µg/L	100		62.8		30-130				
4-Chlorophenylphenylether	75.2	10	µg/L	100		75.2		40-140				
Chrysene	63.7	5.0	µg/L	100		63.7		40-140				
Dibenz(a,h)anthracene	86.2	5.4	µg/L	100		86.2		40-140				
Dibenzofuran	76.0	5.0	µg/L	100		76.0		40-140				
Di-n-butylphthalate	71.1	10	µg/L	100		71.1		40-140				
1,2-Dichlorobenzene	65.2	5.0	µg/L	100		65.2		40-140				
1,3-Dichlorobenzene	63.2	5.0	µg/L	100		63.2		40-140				
1,4-Dichlorobenzene	66.7	5.0	µg/L	100		66.7		40-140				
3,3-Dichlorobenzidine	49.9	10	µg/L	100		49.9		40-140				
2,4-Dichlorophenol	78.6	10	µg/L	100		78.6		30-130				
Diethylphthalate	61.2	10	µg/L	100		61.2		40-140				
2,4-Dimethylphenol	72.1	10	µg/L	100		72.1		30-130				
Dimethylphthalate	66.1	10	µg/L	100		66.1		40-140				
4,6-Dinitro-2-methylphenol	60.2	10	µg/L	100		60.2		30-130				
2,4-Dinitrophenol	47.7	10	µg/L	100		47.7		30-130			V-05	
2,4-Dinitrotoluene	60.4	10	µg/L	100		60.4		40-140				
2,6-Dinitrotoluene	66.4	10	µg/L	100		66.4		40-140				
Di-n-octylphthalate	72.6	10	µg/L	100		72.6		40-140				
1,2-Diphenylhydrazine (as Azobenzene)	75.7	10	µg/L	100		75.7		40-140				
Fluoranthene	63.3	5.0	µg/L	100		63.3		40-140				
Fluorene	64.8	5.0	µg/L	100		64.8		40-140				
Hexachlorobenzene	84.9	10	µg/L	100		84.9		40-140				
Hexachlorobutadiene	85.0	10	µg/L	100		85.0		40-140				
Hexachlorocyclopentadiene	77.9	10	µg/L	100		77.9		30-140				†
Hexachloroethane	67.5	10	µg/L	100		67.5		40-140				
Indeno(1,2,3-cd)pyrene	93.6	5.0	µg/L	100		93.6		40-140				
Isophorone	63.6	10	µg/L	100		63.6		40-140				
1-Methylnaphthalene	74.7	5.0	µg/L	100		74.7		40-140				
2-Methylnaphthalene	67.4	5.0	µg/L	100		67.4		40-140				
2-Methylphenol	59.7	10	µg/L	100		59.7		30-130				
3/4-Methylphenol	62.4	10	µg/L	100		62.4		30-130				
Naphthalene	65.8	5.0	µg/L	100		65.8		40-140				
2-Nitroaniline	59.4	10	µg/L	100		59.4		40-140				
3-Nitroaniline	37.4	10	µg/L	100		**37.4**	*	40-140			L-03	
4-Nitroaniline	48.6	10	µg/L	100		48.6		40-140				
Nitrobenzene	66.0	10	µg/L	100		66.0		40-140				
2-Nitrophenol	70.4	10	µg/L	100		70.4		30-130				
4-Nitrophenol	52.0	10	µg/L	100		52.0		10-130			V-05	†
N-Nitrosodimethylamine	49.8	5.0	µg/L	100		49.8		40-140				
N-Nitrosodiphenylamine	92.0	10	µg/L	100		92.0		40-140				
N-Nitrosodi-n-propylamine	62.0	10	µg/L	100		62.0		40-140				
Pentachloronitrobenzene	43.5	10	µg/L	50.0		87.0		40-140			V-16	
Pentachlorophenol	53.0	10	µg/L	100		53.0		30-130				
Phenanthrene	66.7	5.0	µg/L	100		66.7		40-140				
Phenol	66.2	10	µg/L	100		66.2		20-130				†
Pyrene	58.6	5.0	µg/L	100		58.6		40-140				
Pyridine	34.6	5.0	µg/L	100		34.6		10-140				†
1,2,4,5-Tetrachlorobenzene	42.3	10	µg/L	50.0		84.6		40-140				
1,2,4-Trichlorobenzene	80.1	5.0	µg/L	100		80.1		40-140				
2,4,5-Trichlorophenol	76.0	10	µg/L	100		76.0		30-130				
2,4,6-Trichlorophenol	76.0	10	µg/L	100		76.0		30-130				

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QUALITY CONTROL

SPLP - Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023913 - SW-846 3510C										
LCS (B023913-BS1)				Prepared: 12/19/10 Analyzed: 12/20/10						
Surrogate: 2-Fluorophenol	*149*		µg/L	200		74.7	15-110			
Surrogate: Phenol-d6	*136*		µg/L	200		68.1	15-110			
Surrogate: Nitrobenzene-d5	*64.5*		µg/L	100		64.5	30-130			
Surrogate: 2-Fluorobiphenyl	*80.4*		µg/L	100		80.4	30-130			
Surrogate: 2,4,6-Tribromophenol	*180*		µg/L	200		89.9	15-110			
Surrogate: Terphenyl-d14	*76.0*		µg/L	100		76.0	30-130			

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QUALITY CONTROL

SPLP - Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023915 - SW-846 3510C										
Blank (B023915-BLK1)				Prepared: 12/19/10 Analyzed: 12/20/10						
Aroclor-1016	0.56	0.20	µg/L							Z-01
Aroclor-1016 [2C]	0.65	0.20	µg/L							Z-01
Aroclor-1221	ND	0.20	µg/L							
Aroclor-1221 [2C]	ND	0.20	µg/L							
Aroclor-1232	ND	0.20	µg/L							
Aroclor-1232 [2C]	ND	0.20	µg/L							
Aroclor-1242	ND	0.20	µg/L							
Aroclor-1242 [2C]	ND	0.20	µg/L							
Aroclor-1248	ND	0.20	µg/L							
Aroclor-1248 [2C]	ND	0.20	µg/L							
Aroclor-1254	ND	0.20	µg/L							
Aroclor-1254 [2C]	ND	0.20	µg/L							
Aroclor-1260	0.59	0.20	µg/L							Z-01
Aroclor-1260 [2C]	0.60	0.20	µg/L							Z-01
Aroclor-1262	ND	0.20	µg/L							
Aroclor-1262 [2C]	ND	0.20	µg/L							
Aroclor-1268	ND	0.20	µg/L							
Aroclor-1268 [2C]	ND	0.20	µg/L							
Surrogate: Decachlorobiphenyl	*2.50*		µg/L	2.00		125	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.42*		µg/L	2.00		121	30-150			
Surrogate: Tetrachloro-m-xylene	*2.19*		µg/L	2.00		110	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*2.17*		µg/L	2.00		109	30-150			
LCS (B023915-BS1)				Prepared: 12/19/10 Analyzed: 12/20/10						
Aroclor-1016	0.60	0.20	µg/L	0.500		120	40-140			B
Aroclor-1016 [2C]	0.67	0.20	µg/L	0.500		134	40-140			B
Aroclor-1260	0.63	0.20	µg/L	0.500		127	40-140			B
Aroclor-1260 [2C]	0.64	0.20	µg/L	0.500		128	40-140			B
Surrogate: Decachlorobiphenyl	*2.68*		µg/L	2.00		134	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.53*		µg/L	2.00		127	30-150			
Surrogate: Tetrachloro-m-xylene	*2.35*		µg/L	2.00		118	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*2.29*		µg/L	2.00		115	30-150			

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QUALITY CONTROL

SPLP - Semivolatile Organic Compounds by GC - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023914 - SW-846 3510C										
Blank (B023914-BLK1)				Prepared: 12/19/10 Analyzed: 12/20/10						
CT ETPH	ND	0.075	mg/L							
Surrogate: o-Terphenyl	*0.0975*		mg/L	0.100		97.5	50-150			
LCS (B023914-BS1)				Prepared: 12/19/10 Analyzed: 12/20/10						
CT ETPH	0.896	0.075	mg/L	1.00		89.6	60-120			
Surrogate: o-Terphenyl	*0.101*		mg/L	0.100		101	50-150			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
B	Analyte is found in the associated blank as well as in the sample.
L-03	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
Z-01	The Method Blank for this analytical batch was spiked. Data validation is not affected due to the sample result being Not Detected.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Water	
CT ETPH	CT

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

VOL 0508

CHAIN OF CUSTODY RECORD

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East Longmeadow, MA 01028

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~~10L0028~~

Company Name: AKRF Inc. Telephone: 646-388-9882
Address: 700 Main St. Suite C Project # 91065
Willimantic, CT 06226 Client PO#
Attention: Glen Stefaniak
Project Location: 6 Rubber Ave, Naugatuck, CT.
Sampled By: Steve Gorens

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ☒ EMAIL ○ WEBSITE
Fax #
Email: gstefaniak@akrf.com
Format: ☒ PDF ☒ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	VOCs	SVOCs	ETPH	Total RCP 15 Metals	SPLP RCP 15 Metals	PCBs	Cyanide	SPLP SVOC *	SPLP ETPH *	SPLP PCB *	# of Containers
-01 *	GDC-TP-05(0-2)	12/1/10	12/1/10 0745		X	S	U		X	X	X	X	X	X				
-02	GDC-TP-05(2-4)	12/1/10	12/1/10 0750		X	S	U	X	X	X	X	X	X	X	X	X	X	
-03	GDC-TP-05(8-10)	12/1/10	12/1/10 0830		X	S	U		X	X	X	X	X	X				
-04	GDC-TP-11(0-2)	12/1/10	1044		X	S	U	X	X	X	X	X	X	X				
-05 *	GDC-TP-11(2-4)	12/1/10	1050		X	S	U		X	X	X	X	X	X				
-06	GDC-TP-11(6-8)	12/1/10	1100		X	S	U		X	X	X	X	X	X				
-07 *	GDC-TP-06(0-2)	12/1/10	1312		X	S	U		X	X	X	X	X	X				
-08	GDC-TP-06(2-4)	12/1/10	1320		X	S	U		X	X	X	X	X	X				
-09	~~GDC~~ TB20101201	12/1/10	1400			O		X										

Comments: * Hold Sample(s): GDC-TP-05(0-2); GDC-TP-11(2-4), GDC-TP-06(0-2),
12-01-10 18:14 IN

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

ANALYSIS REQUESTED
Dissolved Met
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V=vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisul
X = Na hydroxide
T = Na thiosulfat
O = Other

*Matrix Code:
GW= groundwat
WW= wastewate
DW= drinking wa
A = air
S = soil/solid
SL = sludge
O = other

	Date/Time:
Relinquished by: (signature)	12/1/10 1401
Received by: (signature)	12/1/10 205
Relinquished by: (signature)	12/1/10 4:18
Received by: (signature)	12/1/10 1618

Turnaround ††
☒ 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: CT RSR
RDEC, GBPMC
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
☒ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certifie
WBE/DBE Certified

TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED

v Receive 5 day TAT

www.contestlabs.com

con-test ANALYTICAL LABORATORY

Sample Receipt Checklist

39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

CLIENT NAME: AKRF, Inc. RECEIVED BY: CB DATE: 12/1/10

1) Was the chain(s) of custody relinquished and signed? (Yes) No

2) Does the chain agree with the samples? (Yes) No
If not, explain:

3) Are all the samples in good condition? (Yes) No
If not, explain:

4) How were the samples received:
On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank 2.5°C Temperature °C by Temp gun _____

5) Are there Dissolved samples for the lab to filter? Yes (No)
Who was notified _____ Date _____ Time _____

6) Are there any samples "On Hold"? (Yes) No Stored where: 19

7) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)
Who was notified _____ Date _____ Time _____

8) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature:

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)	16	2 oz amber/clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below	9	SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
~~Flashpoint bottle~~		~~Other~~	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 3
Bisulfate _____ # DI Water 6
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:
12-01-10 18:14 IN

Do all samples have the proper Acid pH: Yes No (N/A) _____

Do all samples have the proper Base pH: Yes No (N/A)

CT ETPH DISCRIMINATION CHECK

Date Acquired	12/20/10
Data File Name	A1220028.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.30	362109	384422	-6
c - 10	1.68	372492	384422	-3
c - 12	2.43	387813	384422	1
c - 14	3.11	400920	384422	4
c - 16	3.71	409585	384422	7
c - 18	4.36	411214	384422	7
o-Terphenyl	4.65	450815	384422	
c - 20	4.95	403140	384422	5
c - 22	5.46	387639	384422	1
c - 24	5.89	392602	384422	2
c - 26	6.29	386816	384422	1
c - 28	6.65	381134	384422	-1
c - 30	6.99	375885	384422	-2
c - 32	7.30	370111	384422	-4
c - 34	7.60	364575	384422	-5
c - 36	7.98	360298	384422	-6

* One compound allowed %D </= 50%

Samples

10L0388-01

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: AKRF - WILLIMANTIC, CT

Project Location: 6 Rubber Ave., Naugatuck, CT

Project Number: 10L0388

Laboratory Sample ID(s):

10L0388-01

Sample Date(s):

12/01/2010

List RCP Methods Used:

CTDEP ETPH, SW-846 1312, SW-846 8082, SW-846 8270C

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ 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)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐ Yes ☑ No

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 Manager

Printed Name: Daren J. Damboragian **Date:** 12/21/10

Name of Laboratory: Con-Test Analytical Laboratory

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

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

December 21, 2010

Glen Stefaniak
AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226

Project Location: 6 Rubber Ave, Naugatuck, CT
Client Job Number:
Project Number: 91065
Laboratory Work Order Number: 10L0389

Enclosed are results of analyses for samples received by the laboratory on December 14, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Susan M. Burney
Project Manager

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

AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226
ATTN: Glen Stefaniak

REPORT DATE: 12/21/2010

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 91065

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10L0389

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

PROJECT LOCATION: 6 Rubber Ave, Naugatuck, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GDC-TP-08 (4-6)	10L0389-01	Soil		SM 2540G	
				SW-846 1312	
				SW-846 8270C	
GDC-TP-07 (6-8)	10L0389-02	Soil		SM 2540G	
				SW-846 1312	
				SW-846 8270C	

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CASE NARRATIVE SUMMARY

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

SW-846 8270C

Qualifications:

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

Analyte & Samples(s) Qualified:

3-Nitroaniline, 4-Chloroaniline

10L0389-01[GDC-TP-08 (4-6)], 10L0389-02[GDC-TP-07 (6-8)], B023913-BLK1, B023913-BS1

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

Analyte & Samples(s) Qualified:

3-Nitroaniline, 4-Chloroaniline, Aniline, Benzidine, Bis(2-chloroisopropyl)ether, N-Nitrosodimethylamine, Phenol, Pyridine

10L0389-02[GDC-TP-07 (6-8)], B023913-MS1

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

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol, 4-Nitrophenol

10L0389-01[GDC-TP-08 (4-6)], 10L0389-02[GDC-TP-07 (6-8)], B023913-BLK1, B023913-BS1, B023913-MS1

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

Analyte & Samples(s) Qualified:

Pentachloronitrobenzene

10L0389-01[GDC-TP-08 (4-6)], 10L0389-02[GDC-TP-07 (6-8)], B023913-BLK1, B023913-BS1, B023913-MS1

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Daren J. Damboragian
Laboratory Manager

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

Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0389

Date Received: 12/14/2010

Field Sample #: GDC-TP-08 (4-6) | Sampled: 12/2/2010 09:15

Sample ID: 10L0389-01

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.1		% Wt	1		SM 2540G	12/15/10	12/15/10 9:32	VAF

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0389

Date Received: 12/14/2010

Field Sample #: GDC-TP-08 (4-6) | Sampled: 12/2/2010 09:15

Sample ID: 10L0389-01

Sample Matrix: Soil

SPLP - Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Acenaphthylene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Acetophenone	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Aniline	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Anthracene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Benzidine	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Benzo(a)anthracene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Benzo(a)pyrene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Benzo(b)fluoranthene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Benzo(g,h,i)perylene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Benzo(k)fluoranthene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Benzoic Acid	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
4-Chloroaniline	ND	10	µg/L	1	L-03	SW-846 8270C	12/19/10	12/20/10 22:04	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Chrysene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Dibenz(a,h)anthracene	ND	5.4	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
1,2-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
1,3-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
1,4-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
2,4-Dinitrophenol	ND	10	µg/L	1	V-05	SW-846 8270C	12/19/10	12/20/10 22:04	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Fluoranthene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL

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

Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0389

Date Received: 12/14/2010

Field Sample #: GDC-TP-08 (4-6) | Sampled: 12/2/2010 09:15

Sample ID: 10L0389-01

Sample Matrix: Soil

SPLP - Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Hexachloroethane	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Isophorone	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
1-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
2-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
2-Methylphenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Naphthalene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
3-Nitroaniline	ND	10	µg/L	1	L-03	SW-846 8270C	12/19/10	12/20/10 22:04	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
4-Nitrophenol	ND	10	µg/L	1	V-05	SW-846 8270C	12/19/10	12/20/10 22:04	BGL
N-Nitrosodimethylamine	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
N-Nitrosodiphenylamine	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Pentachloronitrobenzene	ND	10	µg/L	1	V-16	SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Phenanthrene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Phenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Pyrene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
Pyridine	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:04	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	55.1	15-110		12/20/10 22:04
Phenol-d6	43.2	15-110		12/20/10 22:04
Nitrobenzene-d5	66.3	30-130		12/20/10 22:04
2-Fluorobiphenyl	82.1	30-130		12/20/10 22:04
2,4,6-Tribromophenol	102	15-110		12/20/10 22:04
Terphenyl-d14	119	30-130		12/20/10 22:04

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Project Location: 6 Rubber Ave, Naugatuck, CT Sample Description: Work Order: 10L0389

Date Received: 12/14/2010

Field Sample #: GDC-TP-07 (6-8) Sampled: 12/2/2010 10:48

Sample ID: 10L0389-02

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.6		% Wt	1		SM 2540G	12/15/10	12/15/10 9:32	VAF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0389

Date Received: 12/14/2010

Field Sample #: GDC-TP-07 (6-8) | Sampled: 12/2/2010 10:48

Sample ID: 10L0389-02

Sample Matrix: Soil

SPLP - Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Acenaphthylene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Acetophenone	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Aniline	ND	5.0	µg/L	1	MS-08	SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Anthracene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Benzidine	ND	10	µg/L	1	MS-08	SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Benzo(a)anthracene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Benzo(a)pyrene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Benzo(b)fluoranthene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Benzo(g,h,i)perylene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Benzo(k)fluoranthene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Benzoic Acid	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1	MS-08	SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
4-Chloroaniline	ND	10	µg/L	1	L-03, MS-08	SW-846 8270C	12/19/10	12/20/10 22:37	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Chrysene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Dibenz(a,h)anthracene	ND	5.4	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
1,2-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
1,3-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
1,4-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
2,4-Dinitrophenol	ND	10	µg/L	1	V-05	SW-846 8270C	12/19/10	12/20/10 22:37	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Fluoranthene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL

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Project Location: 6 Rubber Ave, Naugatuck, CT | Sample Description: | Work Order: 10L0389

Date Received: 12/14/2010

Field Sample #: GDC-TP-07 (6-8) | Sampled: 12/2/2010 10:48

Sample ID: 10L0389-02

Sample Matrix: Soil

SPLP - Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Hexachloroethane	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Isophorone	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
1-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
2-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
2-Methylphenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Naphthalene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
3-Nitroaniline	ND	10	µg/L	1	L-03, MS-08	SW-846 8270C	12/19/10	12/20/10 22:37	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
4-Nitrophenol	ND	10	µg/L	1	V-05	SW-846 8270C	12/19/10	12/20/10 22:37	BGL
N-Nitrosodimethylamine	ND	5.0	µg/L	1	MS-08	SW-846 8270C	12/19/10	12/20/10 22:37	BGL
N-Nitrosodiphenylamine	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Pentachloronitrobenzene	ND	10	µg/L	1	V-16	SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Phenanthrene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Phenol	ND	10	µg/L	1	MS-08	SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Pyrene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
Pyridine	ND	5.0	µg/L	1	MS-08	SW-846 8270C	12/19/10	12/20/10 22:37	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270C	12/19/10	12/20/10 22:37	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	37.8	15-110		12/20/10 22:37
Phenol-d6	26.4	15-110		12/20/10 22:37
Nitrobenzene-d5	40.4	30-130		12/20/10 22:37
2-Fluorobiphenyl	47.0	30-130		12/20/10 22:37
2,4,6-Tribromophenol	69.7	15-110		12/20/10 22:37
Terphenyl-d14	69.6	30-130		12/20/10 22:37

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
10L0389-01 [GDC-TP-08 (4-6)]	B023675	12/15/10
10L0389-02 [GDC-TP-07 (6-8)]	B023675	12/15/10

Prep Method: SW-846 3510C-SW-846 8270C **Leachates were extracted on 12/16/2010 per SW-846 1312 in Batch B023779**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0389-01 [GDC-TP-08 (4-6)]	B023913	500	0.500	12/19/10
10L0389-02 [GDC-TP-07 (6-8)]	B023913	500	0.500	12/19/10

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QUALITY CONTROL

SPLP - Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023913 - SW-846 3510C										
Blank (B023913-BLK1)				Prepared: 12/19/10 Analyzed: 12/20/10						
Acenaphthene	ND	5.0	µg/L							
Acenaphthylene	ND	5.0	µg/L							
Acetophenone	ND	10	µg/L							
Aniline	ND	5.0	µg/L							
Anthracene	ND	5.0	µg/L							
Benzidine	ND	10	µg/L							
Benzo(a)anthracene	ND	5.0	µg/L							
Benzo(a)pyrene	ND	5.0	µg/L							
Benzo(b)fluoranthene	ND	5.0	µg/L							
Benzo(g,h,i)perylene	ND	5.0	µg/L							
Benzo(k)fluoranthene	ND	5.0	µg/L							
Benzoic Acid	ND	10	µg/L							
Bis(2-chloroethoxy)methane	ND	10	µg/L							
Bis(2-chloroethyl)ether	ND	10	µg/L							
Bis(2-chloroisopropyl)ether	ND	10	µg/L							
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L							
4-Bromophenylphenylether	ND	10	µg/L							
Butylbenzylphthalate	ND	10	µg/L							
Carbazole	ND	10	µg/L							
4-Chloroaniline	ND	10	µg/L							L-03
4-Chloro-3-methylphenol	ND	10	µg/L							
2-Chloronaphthalene	ND	10	µg/L							
2-Chlorophenol	ND	10	µg/L							
4-Chlorophenylphenylether	ND	10	µg/L							
Chrysene	ND	5.0	µg/L							
Dibenz(a,h)anthracene	ND	5.4	µg/L							
Dibenzofuran	ND	5.0	µg/L							
Di-n-butylphthalate	ND	10	µg/L							
1,2-Dichlorobenzene	ND	5.0	µg/L							
1,3-Dichlorobenzene	ND	5.0	µg/L							
1,4-Dichlorobenzene	ND	5.0	µg/L							
3,3-Dichlorobenzidine	ND	10	µg/L							
2,4-Dichlorophenol	ND	10	µg/L							
Diethylphthalate	ND	10	µg/L							
2,4-Dimethylphenol	ND	10	µg/L							
Dimethylphthalate	ND	10	µg/L							
4,6-Dinitro-2-methylphenol	ND	10	µg/L							
2,4-Dinitrophenol	ND	10	µg/L							V-05
2,4-Dinitrotoluene	ND	10	µg/L							
2,6-Dinitrotoluene	ND	10	µg/L							
Di-n-octylphthalate	ND	10	µg/L							
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L							
Fluoranthene	ND	5.0	µg/L							
Fluorene	ND	5.0	µg/L							
Hexachlorobenzene	ND	10	µg/L							
Hexachlorobutadiene	ND	10	µg/L							
Hexachlorocyclopentadiene	ND	10	µg/L							
Hexachloroethane	ND	10	µg/L							
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L							
Isophorone	ND	10	µg/L							
1-Methylnaphthalene	ND	5.0	µg/L							
2-Methylnaphthalene	ND	5.0	µg/L							

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QUALITY CONTROL

SPLP - Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B023913 - SW-846 3510C												
Blank (B023913-BLK1)				Prepared: 12/19/10 Analyzed: 12/20/10								
2-Methylphenol	ND	10	µg/L									
3/4-Methylphenol	ND	10	µg/L									
Naphthalene	ND	5.0	µg/L									
2-Nitroaniline	ND	10	µg/L									
3-Nitroaniline	ND	10	µg/L								L-03	
4-Nitroaniline	ND	10	µg/L									
Nitrobenzene	ND	10	µg/L									
2-Nitrophenol	ND	10	µg/L									
4-Nitrophenol	ND	10	µg/L								V-05	
N-Nitrosodimethylamine	ND	5.0	µg/L									
N-Nitrosodiphenylamine	ND	10	µg/L									
N-Nitrosodi-n-propylamine	ND	10	µg/L									
Pentachloronitrobenzene	ND	10	µg/L								V-16	
Pentachlorophenol	ND	10	µg/L									
Phenanthrene	ND	5.0	µg/L									
Phenol	ND	10	µg/L									
Pyrene	ND	5.0	µg/L									
Pyridine	ND	5.0	µg/L									
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L									
1,2,4-Trichlorobenzene	ND	5.0	µg/L									
2,4,5-Trichlorophenol	ND	10	µg/L									
2,4,6-Trichlorophenol	ND	10	µg/L									
Surrogate: 2-Fluorophenol	*148*		µg/L	200		74.0		15-110				
Surrogate: Phenol-d6	*157*		µg/L	200		78.6		15-110				
Surrogate: Nitrobenzene-d5	*62.6*		µg/L	100		62.6		30-130				
Surrogate: 2-Fluorobiphenyl	*75.8*		µg/L	100		75.8		30-130				
Surrogate: 2,4,6-Tribromophenol	*149*		µg/L	200		74.3		15-110				
Surrogate: Terphenyl-d14	*82.8*		µg/L	100		82.8		30-130				
LCS (B023913-BS1)				Prepared: 12/19/10 Analyzed: 12/20/10								
Acenaphthene	64.2	5.0	µg/L	100		64.2		40-140				
Acenaphthylene	62.5	5.0	µg/L	100		62.5		40-140				
Acetophenone	28.6	10	µg/L	50.0		57.1		40-140				
Aniline	50.9	5.0	µg/L	100		50.9		40-140				
Anthracene	64.1	5.0	µg/L	100		64.1		40-140				
Benzidine	46.1	10	µg/L	100		46.1		40-140				
Benzo(a)anthracene	63.2	5.0	µg/L	100		63.2		40-140				
Benzo(a)pyrene	67.7	5.0	µg/L	100		67.7		40-140				
Benzo(b)fluoranthene	72.2	5.0	µg/L	100		72.2		40-140				
Benzo(g,h,i)perylene	76.9	5.0	µg/L	100		76.9		40-140				
Benzo(k)fluoranthene	66.0	5.0	µg/L	100		66.0		40-140				
Benzoic Acid	35.0	10	µg/L	100		35.0		10-130				†
Bis(2-chloroethoxy)methane	68.2	10	µg/L	100		68.2		40-140				
Bis(2-chloroethyl)ether	77.1	10	µg/L	100		77.1		40-140				
Bis(2-chloroisopropyl)ether	47.1	10	µg/L	100		47.1		40-140				
Bis(2-Ethylhexyl)phthalate	66.2	10	µg/L	100		66.2		40-140				
4-Bromophenylphenylether	83.2	10	µg/L	100		83.2		40-140				
Butylbenzylphthalate	64.4	10	µg/L	100		64.4		40-140				
Carbazole	58.3	10	µg/L	100		58.3		40-140				
4-Chloroaniline	21.6	10	µg/L	100		**21.6**	*	40-140			L-03	
4-Chloro-3-methylphenol	67.0	10	µg/L	100		67.0		30-130				
2-Chloronaphthalene	62.8	10	µg/L	100		62.8		40-140				

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QUALITY CONTROL

SPLP - Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B023913 - SW-846 3510C												
LCS (B023913-BS1)				Prepared: 12/19/10 Analyzed: 12/20/10								
2-Chlorophenol	62.8	10	µg/L	100		62.8		30-130				
4-Chlorophenylphenylether	75.2	10	µg/L	100		75.2		40-140				
Chrysene	63.7	5.0	µg/L	100		63.7		40-140				
Dibenz(a,h)anthracene	86.2	5.4	µg/L	100		86.2		40-140				
Dibenzofuran	76.0	5.0	µg/L	100		76.0		40-140				
Di-n-butylphthalate	71.1	10	µg/L	100		71.1		40-140				
1,2-Dichlorobenzene	65.2	5.0	µg/L	100		65.2		40-140				
1,3-Dichlorobenzene	63.2	5.0	µg/L	100		63.2		40-140				
1,4-Dichlorobenzene	66.7	5.0	µg/L	100		66.7		40-140				
3,3-Dichlorobenzidine	49.9	10	µg/L	100		49.9		40-140				
2,4-Dichlorophenol	78.6	10	µg/L	100		78.6		30-130				
Diethylphthalate	61.2	10	µg/L	100		61.2		40-140				
2,4-Dimethylphenol	72.1	10	µg/L	100		72.1		30-130				
Dimethylphthalate	66.1	10	µg/L	100		66.1		40-140				
4,6-Dinitro-2-methylphenol	60.2	10	µg/L	100		60.2		30-130				
2,4-Dinitrophenol	47.7	10	µg/L	100		47.7		30-130			V-05	
2,4-Dinitrotoluene	60.4	10	µg/L	100		60.4		40-140				
2,6-Dinitrotoluene	66.4	10	µg/L	100		66.4		40-140				
Di-n-octylphthalate	72.6	10	µg/L	100		72.6		40-140				
1,2-Diphenylhydrazine (as Azobenzene)	75.7	10	µg/L	100		75.7		40-140				
Fluoranthene	63.3	5.0	µg/L	100		63.3		40-140				
Fluorene	64.8	5.0	µg/L	100		64.8		40-140				
Hexachlorobenzene	84.9	10	µg/L	100		84.9		40-140				
Hexachlorobutadiene	85.0	10	µg/L	100		85.0		40-140				
Hexachlorocyclopentadiene	77.9	10	µg/L	100		77.9		30-140				†
Hexachloroethane	67.5	10	µg/L	100		67.5		40-140				
Indeno(1,2,3-cd)pyrene	93.6	5.0	µg/L	100		93.6		40-140				
Isophorone	63.6	10	µg/L	100		63.6		40-140				
1-Methylnaphthalene	74.7	5.0	µg/L	100		74.7		40-140				
2-Methylnaphthalene	67.4	5.0	µg/L	100		67.4		40-140				
2-Methylphenol	59.7	10	µg/L	100		59.7		30-130				
3/4-Methylphenol	62.4	10	µg/L	100		62.4		30-130				
Naphthalene	65.8	5.0	µg/L	100		65.8		40-140				
2-Nitroaniline	59.4	10	µg/L	100		59.4		40-140				
3-Nitroaniline	37.4	10	µg/L	100		**37.4**	*	40-140			L-03	
4-Nitroaniline	48.6	10	µg/L	100		48.6		40-140				
Nitrobenzene	66.0	10	µg/L	100		66.0		40-140				
2-Nitrophenol	70.4	10	µg/L	100		70.4		30-130				
4-Nitrophenol	52.0	10	µg/L	100		52.0		10-130			V-05	†
N-Nitrosodimethylamine	49.8	5.0	µg/L	100		49.8		40-140				
N-Nitrosodiphenylamine	92.0	10	µg/L	100		92.0		40-140				
N-Nitrosodi-n-propylamine	62.0	10	µg/L	100		62.0		40-140				
Pentachloronitrobenzene	43.5	10	µg/L	50.0		87.0		40-140			V-16	
Pentachlorophenol	53.0	10	µg/L	100		53.0		30-130				
Phenanthrene	66.7	5.0	µg/L	100		66.7		40-140				
Phenol	66.2	10	µg/L	100		66.2		20-130				†
Pyrene	58.6	5.0	µg/L	100		58.6		40-140				
Pyridine	34.6	5.0	µg/L	100		34.6		10-140				†
1,2,4,5-Tetrachlorobenzene	42.3	10	µg/L	50.0		84.6		40-140				
1,2,4-Trichlorobenzene	80.1	5.0	µg/L	100		80.1		40-140				
2,4,5-Trichlorophenol	76.0	10	µg/L	100		76.0		30-130				
2,4,6-Trichlorophenol	76.0	10	µg/L	100		76.0		30-130				

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

QUALITY CONTROL

SPLP - Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B023913 - SW-846 3510C											
LCS (B023913-BS1)				Prepared: 12/19/10 Analyzed: 12/20/10							
Surrogate: 2-Fluorophenol	*149*		µg/L	200		74.7		15-110			
Surrogate: Phenol-d6	*136*		µg/L	200		68.1		15-110			
Surrogate: Nitrobenzene-d5	*64.5*		µg/L	100		64.5		30-130			
Surrogate: 2-Fluorobiphenyl	*80.4*		µg/L	100		80.4		30-130			
Surrogate: 2,4,6-Tribromophenol	*180*		µg/L	200		89.9		15-110			
Surrogate: Terphenyl-d14	*76.0*		µg/L	100		76.0		30-130			
Matrix Spike (B023913-MS1)	**Source: 10L0389-02**			Prepared: 12/19/10 Analyzed: 12/20/10							
Acenaphthene	56.2	5.0	µg/L	100	ND	56.2		40-140			
Acenaphthylene	53.2	5.0	µg/L	100	ND	53.2		40-140			
Acetophenone	26.2	10	µg/L	50.0	ND	52.5		40-140			
Aniline	21.8	5.0	µg/L	100	ND	**21.8**	*	40-140			MS-08
Anthracene	54.0	5.0	µg/L	100	ND	54.0		40-140			
Benzidine	ND	10	µg/L	100	ND		*	40-140			MS-08
Benzo(a)anthracene	64.7	5.0	µg/L	100	ND	64.7		40-140			
Benzo(a)pyrene	60.4	5.0	µg/L	100	ND	60.4		40-140			
Benzo(b)fluoranthene	77.6	5.0	µg/L	100	ND	77.6		40-140			
Benzo(g,h,i)perylene	61.4	5.0	µg/L	100	ND	61.4		40-140			
Benzo(k)fluoranthene	46.1	5.0	µg/L	100	ND	46.1		40-140			
Benzoic Acid	40.6	10	µg/L	100	ND	40.6		40-140			
Bis(2-chloroethoxy)methane	55.1	10	µg/L	100	ND	55.1		40-140			
Bis(2-chloroethyl)ether	59.5	10	µg/L	100	ND	59.5		40-140			
Bis(2-chloroisopropyl)ether	37.8	10	µg/L	100	ND	**37.8**	*	40-140			MS-08
Bis(2-Ethylhexyl)phthalate	66.2	10	µg/L	100	ND	66.2		40-140			
4-Bromophenylphenylether	72.0	10	µg/L	100	ND	72.0		40-140			
Butylbenzylphthalate	62.1	10	µg/L	100	ND	62.1		40-140			
Carbazole	55.0	10	µg/L	100	ND	55.0		40-140			
4-Chloroaniline	21.7	10	µg/L	100	ND	**21.7**	*	40-140			MS-08
4-Chloro-3-methylphenol	60.8	10	µg/L	100	ND	60.8		40-140			
2-Chloronaphthalene	50.2	10	µg/L	100	ND	50.2		40-140			
2-Chlorophenol	49.9	10	µg/L	100	ND	49.9		40-140			
4-Chlorophenylphenylether	69.0	10	µg/L	100	ND	69.0		40-140			
Chrysene	57.3	5.0	µg/L	100	ND	57.3		40-140			
Dibenz(a,h)anthracene	71.3	5.4	µg/L	100	ND	71.3		40-140			
Dibenzofuran	68.1	5.0	µg/L	100	ND	68.1		40-140			
Di-n-butylphthalate	65.8	10	µg/L	100	ND	65.8		40-140			
1,2-Dichlorobenzene	44.9	5.0	µg/L	100	ND	44.9		40-140			
1,3-Dichlorobenzene	43.5	5.0	µg/L	100	ND	43.5		40-140			
1,4-Dichlorobenzene	46.8	5.0	µg/L	100	ND	46.8		40-140			
3,3-Dichlorobenzidine	52.0	10	µg/L	100	ND	52.0		40-140			
2,4-Dichlorophenol	64.5	10	µg/L	100	ND	64.5		40-140			
Diethylphthalate	62.4	10	µg/L	100	ND	62.4		40-140			
2,4-Dimethylphenol	48.8	10	µg/L	100	ND	48.8		40-140			
Dimethylphthalate	54.8	10	µg/L	100	ND	54.8		40-140			
4,6-Dinitro-2-methylphenol	60.1	10	µg/L	100	ND	60.1		40-140			
2,4-Dinitrophenol	58.1	10	µg/L	100	ND	58.1		40-140			V-05
2,4-Dinitrotoluene	53.9	10	µg/L	100	ND	53.9		40-140			
2,6-Dinitrotoluene	56.9	10	µg/L	100	ND	56.9		40-140			
Di-n-octylphthalate	67.3	10	µg/L	100	ND	67.3		40-140			
1,2-Diphenylhydrazine (as Azobenzene)	70.0	10	µg/L	100	ND	70.0		40-140			
Fluoranthene	59.6	5.0	µg/L	100	ND	59.6		40-140			
Fluorene	59.5	5.0	µg/L	100	ND	59.5		40-140			

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QUALITY CONTROL

SPLP - Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B023913 - SW-846 3510C											
Matrix Spike (B023913-MS1)	**Source: 10L0389-02**			Prepared: 12/19/10 Analyzed: 12/20/10							
Hexachlorobenzene	73.4	10	µg/L	100	ND	73.4		40-140			
Hexachlorobutadiene	55.8	10	µg/L	100	ND	55.8		40-140			
Hexachlorocyclopentadiene	58.5	10	µg/L	100	ND	58.5		40-140			
Hexachloroethane	46.2	10	µg/L	100	ND	46.2		40-140			
Indeno(1,2,3-cd)pyrene	76.0	5.0	µg/L	100	ND	76.0		40-140			
Isophorone	54.6	10	µg/L	100	ND	54.6		40-140			
1-Methylnaphthalene	60.7	5.0	µg/L	100	ND	60.7		40-140			
2-Methylnaphthalene	51.1	5.0	µg/L	100	ND	51.1		40-140			
2-Methylphenol	47.2	10	µg/L	100	ND	47.2		40-140			
3/4-Methylphenol	49.0	10	µg/L	100	ND	49.0		40-140			
Naphthalene	49.5	5.0	µg/L	100	ND	49.5		40-140			
2-Nitroaniline	55.8	10	µg/L	100	ND	55.8		40-140			
3-Nitroaniline	37.6	10	µg/L	100	ND	**37.6**	*	40-140			MS-08
4-Nitroaniline	44.4	10	µg/L	100	ND	44.4		40-140			
Nitrobenzene	50.8	10	µg/L	100	ND	50.8		40-140			
2-Nitrophenol	55.7	10	µg/L	100	ND	55.7		40-140			
4-Nitrophenol	41.9	10	µg/L	100	ND	41.9		40-140			V-05
N-Nitrosodimethylamine	29.4	5.0	µg/L	100	ND	**29.4**	*	40-140			MS-08
N-Nitrosodiphenylamine	70.2	10	µg/L	100	ND	70.2		40-140			
N-Nitrosodi-n-propylamine	55.0	10	µg/L	100	ND	55.0		40-140			
Pentachloronitrobenzene	39.6	10	µg/L	50.0	ND	79.1		40-140			V-16
Pentachlorophenol	63.4	10	µg/L	100	ND	63.4		40-140			
Phenanthrene	66.0	5.0	µg/L	100	ND	66.0		40-140			
Phenol	31.7	10	µg/L	100	ND	**31.7**	*	40-140			MS-08
Pyrene	54.3	5.0	µg/L	100	ND	54.3		40-140			
Pyridine	9.51	5.0	µg/L	100	ND	**9.51**	*	40-140			MS-08
1,2,4,5-Tetrachlorobenzene	32.1	10	µg/L	50.0	ND	64.2		40-140			
1,2,4-Trichlorobenzene	55.7	5.0	µg/L	100	ND	55.7		40-140			
2,4,5-Trichlorophenol	49.6	10	µg/L	100	ND	49.6		40-140			
2,4,6-Trichlorophenol	68.7	10	µg/L	100	ND	68.7		40-140			
Surrogate: 2-Fluorophenol	*86.5*		µg/L	200		43.3		15-110			
Surrogate: Phenol-d6	*62.5*		µg/L	200		31.2		15-110			
Surrogate: Nitrobenzene-d5	*49.7*		µg/L	100		49.7		30-130			
Surrogate: 2-Fluorobiphenyl	*64.7*		µg/L	100		64.7		30-130			
Surrogate: 2,4,6-Tribromophenol	*178*		µg/L	200		89.2		15-110			
Surrogate: Terphenyl-d14	*71.0*		µg/L	100		71.0		30-130			

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

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-03	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.
MS-08	Matrix spike recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications

No certified Analyses included in this Report

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

1010389

CHAIN OF CUSTODY RECORD

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Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

Page 1 of 1

~~10L0090~~

Company Name: AMRF, Inc. Telephone: 646-388-9582
Address: 700 Main Street Suite C Project # 41065
Willimantic, CT 06226 Client PO#
Attention: Glen Stefaniak
Project Location: 6 Rubber Ave, Naugatuck, CT
Sampled By: Steve Greis

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ⊗ EMAIL ○ WEBSITE
Fax #
Email: gstefaniak@amrf.com
Format: ⊗ PDF ⊗ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	VOCs	SVOCs	ETPH	Total RCP 15 Metals	SPLP RCP 15 Metals	PCBs	Cyanide	SPLP SVOC &	* Reanalyze 5 days MT
								6	2O	2O	2O	2O	2O	2O	2O	2O	2O		
								MK	I	I	I	I	I	I	I	I	I		
								V	A	A	A	A	A	A	A	A	A		
-01 ☆	GDC-TP-08(0-2)	12/2/10	0900		X	S	U		X	X	X	X	X	X	X				
-02	GDC-TP-08(4-6)	12/2/10	0915		X	S	U		X	X	X	X	X	X	X	X			
-03 ☆	GDC-TP-07(0-2)	12/2/10	1040		X	S	U		X	X	X	X	X	X	X				
-04	GDC-TP-07(6-8)	12/2/10	1045		X	S	U	X	X	X	X	X	X	X	X	X			
-05	GDC-TP-07-MS	12/2/10	1045		X	S	U	X	X	X	X	X	X	X	X				
-06	GDC-TP-04(0-2)	12/2/10	1300		X	S	U		X	X	X	X	X	X	X				
-06 ☆	GDC-TP-04(4-6)	12/2/10	1305		X	S	U		X	X	X	X	X	X	X				
-07	GDC-TP-04(6-8)	12/2/10	1310		X	S	U		X	X	X	X	X	X	X				
-08	GDC-TP-12(0-2)	12/2/10	1400		X	S	U		X		X	X							
-09	GDC-TP-12(6-8)	12/2/10	1450		X	S	U		X	X	X	X	X	X	X				
	TB2.010102.02	12/2/10	1500					X											

Comments: ☆ Hold Sample(s): GDC-TP-08(0-2); GDC-TP-07(0-2); GDC-TP-04(4-6);
12-02-10 17:37 IN

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
	12/2/10 1505
Received by: (signature)	Date/Time:
	12/2/10 1505
Relinquished by: (signature)	Date/Time:
	12/2/10 1550
Received by: (signature)	Date/Time:
	12/2/10 1650

Turnaround ††
☒ 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: CT RSR, RDEC, GB PMC
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
⊗ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED PLEASE BE CAREFUL - ANY TO CONTAINER PRESERVATION

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V=vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

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Sample Receipt Checklist

39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

CLIENT NAME: AKRF, Inc. RECEIVED BY: CAB DATE: 12/2/10

1) Was the chain(s) of custody relinquished and signed? (Yes) No

2) Does the chain agree with the samples? (Yes) No
If not, explain:

3) Are all the samples in good condition? (Yes) No
If not, explain:

4) How were the samples received:
On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank 4.5 °C Temperature °C by Temp gun _____

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any samples "On Hold"? (Yes) No Stored where: 19

7) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

8) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature:

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	1 GDC-TP-04(0-2)
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)	19	2 oz amber/clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below	9	SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
Flashpoint bottle		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 3
Bisulfate _____ # DI Water 6
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:
12-02-10 17:36 IN

Do all samples have the proper Acid pH: Yes No (N/A) _____

Do all samples have the proper Base pH: Yes No (N/A) _____

June 2010

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: AKRF - WILLIMANTIC, CT

Project Location: 6 Rubber Ave, Naugatuck, CT

Project Number: 10L0389

Laboratory Sample ID(s):

10L0389-01 thru 10L0389-02

Sample Date(s):

12/02/2010

List RCP Methods Used:

SW-846 1312, SW-846 8270C

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ 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)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

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 Manager

Printed Name: Daren J. Damboragian **Date:** 12/21/10

Name of Laboratory: Con-Test Analytical Laboratory

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

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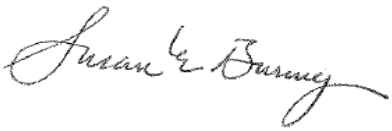
January 4, 2011

Glen Stefaniak
AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226

Project Location: 6 Rubber Ave., Naugatuck, CT
Client Job Number:
Project Number: 91065
Laboratory Work Order Number: 10L0671

Enclosed are results of analyses for samples received by the laboratory on December 22, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Susan M. Burney
Project Manager

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

AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226
ATTN: Glen Stefaniak

REPORT DATE: 1/4/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 91065

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10L0671

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

PROJECT LOCATION: 6 Rubber Ave., Naugatuck, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GDC-TP-07 (6-8)	10L0671-01	Soil		SM 2540G	
				SW-846 1312	
				SW-846 8082	
GDC-TP-04 (0-2)	10L0671-02	Soil		SM 2540G	
				SW-846 1312	
				SW-846 8270C	
GDC-TP-04 (6-8)	10L0671-03	Soil		SM 2540G	
				SW-846 1312	
				SW-846 8270C	
GDC-TP-12 (6-8)	10L0671-04	Soil		SM 2540G	
				SW-846 1312	
				SW-846 8270C	

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CASE NARRATIVE SUMMARY

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

For method 8270, only PAHs were requested and reported.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0671

Date Received: 12/22/2010

Field Sample #: GDC-TP-07 (6-8) | Sampled: 12/2/2010 10:48

Sample ID: 10L0671-01

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.6		% Wt	1		SM 2540G	12/22/10	12/22/10 16:10	VAF

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0671

Date Received: 12/22/2010

Field Sample #: GDC-TP-07 (6-8) | Sampled: 12/2/2010 10:48

Sample ID: 10L0671-01

Sample Matrix: Soil

SPLP - Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082	12/30/10	12/30/10 14:08	JMB
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082	12/30/10	12/30/10 14:08	JMB
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082	12/30/10	12/30/10 14:08	JMB
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082	12/30/10	12/30/10 14:08	JMB
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082	12/30/10	12/30/10 14:08	JMB
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082	12/30/10	12/30/10 14:08	JMB
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082	12/30/10	12/30/10 14:08	JMB
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082	12/30/10	12/30/10 14:08	JMB
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082	12/30/10	12/30/10 14:08	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	88.4	30-150		12/30/10 14:08
Decachlorobiphenyl [2]	98.2	30-150		12/30/10 14:08
Tetrachloro-m-xylene [1]	85.1	30-150		12/30/10 14:08
Tetrachloro-m-xylene [2]	91.0	30-150		12/30/10 14:08

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0671

Date Received: 12/22/2010

Field Sample #: GDC-TP-04 (0-2) Sampled: 12/2/2010 13:00

Sample ID: 10L0671-02

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	75.1		% Wt	1		SM 2540G	12/22/10	12/22/10 16:10	VAF

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0671

Date Received: 12/22/2010

Field Sample #: GDC-TP-04 (0-2) Sampled: 12/2/2010 13:00

Sample ID: 10L0671-02

Sample Matrix: Soil

SPLP - Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.30	µg/L	1		SW-846 8270C	12/30/10	1/1/11 22:34	BGL
Acenaphthylene	ND	0.30	µg/L	1		SW-846 8270C	12/30/10	1/1/11 22:34	BGL
Anthracene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/1/11 22:34	BGL
Benzo(a)anthracene	ND	0.050	µg/L	1		SW-846 8270C	12/30/10	1/1/11 22:34	BGL
Benzo(a)pyrene	ND	0.10	µg/L	1		SW-846 8270C	12/30/10	1/1/11 22:34	BGL
Benzo(b)fluoranthene	ND	0.050	µg/L	1		SW-846 8270C	12/30/10	1/1/11 22:34	BGL
Benzo(g,h,i)perylene	ND	0.50	µg/L	1		SW-846 8270C	12/30/10	1/1/11 22:34	BGL
Benzo(k)fluoranthene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/1/11 22:34	BGL
Chrysene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/1/11 22:34	BGL
Dibenz(a,h)anthracene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/1/11 22:34	BGL
Fluoranthene	ND	0.50	µg/L	1		SW-846 8270C	12/30/10	1/1/11 22:34	BGL
Fluorene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/1/11 22:34	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/1/11 22:34	BGL
2-Methylnaphthalene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/1/11 22:34	BGL
Naphthalene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/1/11 22:34	BGL
Phenanthrene	ND	0.050	µg/L	1		SW-846 8270C	12/30/10	1/1/11 22:34	BGL
Pyrene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/1/11 22:34	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	60.7	30-130		1/1/11 22:34
2-Fluorobiphenyl	68.1	30-130		1/1/11 22:34
Terphenyl-d14	80.0	30-130		1/1/11 22:34

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0671

Date Received: 12/22/2010

Field Sample #: GDC-TP-04 (6-8) | Sampled: 12/2/2010 13:10

Sample ID: 10L0671-03

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.3		% Wt	1		SM 2540G	12/22/10	12/22/10 16:10	VAF

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0671

Date Received: 12/22/2010

Field Sample #: GDC-TP-04 (6-8) | Sampled: 12/2/2010 13:10

Sample ID: 10L0671-03

Sample Matrix: Soil

SPLP - Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.30	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:09	BGL
Acenaphthylene	ND	0.30	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:09	BGL
Anthracene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:09	BGL
Benzo(a)anthracene	ND	0.050	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:09	BGL
Benzo(a)pyrene	ND	0.10	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:09	BGL
Benzo(b)fluoranthene	ND	0.050	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:09	BGL
Benzo(g,h,i)perylene	ND	0.50	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:09	BGL
Benzo(k)fluoranthene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:09	BGL
Chrysene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:09	BGL
Dibenz(a,h)anthracene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:09	BGL
Fluoranthene	ND	0.50	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:09	BGL
Fluorene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:09	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:09	BGL
2-Methylnaphthalene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:09	BGL
Naphthalene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:09	BGL
Phenanthrene	ND	0.050	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:09	BGL
Pyrene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:09	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	51.6	30-130		1/1/11 23:09
2-Fluorobiphenyl	57.0	30-130		1/1/11 23:09
Terphenyl-d14	54.0	30-130		1/1/11 23:09

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0671

Date Received: 12/22/2010

Field Sample #: GDC-TP-12 (6-8) Sampled: 12/2/2010 14:50

Sample ID: 10L0671-04

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	74.7		% Wt	1		SM 2540G	12/22/10	12/22/10 16:10	VAF

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0671

Date Received: 12/22/2010

Field Sample #: GDC-TP-12 (6-8) | Sampled: 12/2/2010 14:50

Sample ID: 10L0671-04

Sample Matrix: Soil

SPLP - Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.30	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:43	BGL
Acenaphthylene	ND	0.30	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:43	BGL
Anthracene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:43	BGL
Benzo(a)anthracene	ND	0.050	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:43	BGL
Benzo(a)pyrene	ND	0.10	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:43	BGL
Benzo(b)fluoranthene	ND	0.050	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:43	BGL
Benzo(g,h,i)perylene	ND	0.50	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:43	BGL
Benzo(k)fluoranthene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:43	BGL
Chrysene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:43	BGL
Dibenz(a,h)anthracene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:43	BGL
Fluoranthene	ND	0.50	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:43	BGL
Fluorene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:43	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:43	BGL
2-Methylnaphthalene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:43	BGL
Naphthalene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:43	BGL
Phenanthrene	ND	0.050	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:43	BGL
Pyrene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/1/11 23:43	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	49.9	30-130		1/1/11 23:43
2-Fluorobiphenyl	56.4	30-130		1/1/11 23:43
Terphenyl-d14	72.0	30-130		1/1/11 23:43

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
10L0671-01 [GDC-TP-07 (6-8)]	B024123	12/22/10
10L0671-02 [GDC-TP-04 (0-2)]	B024123	12/22/10
10L0671-03 [GDC-TP-04 (6-8)]	B024123	12/22/10
10L0671-04 [GDC-TP-12 (6-8)]	B024123	12/22/10

Prep Method: SW-846 3510C-SW-846 8082 **Leachates were extracted on 12/28/2010 per SW-846 1312 in Batch B024301**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0671-01 [GDC-TP-07 (6-8)]	B024349	500	5.00	12/30/10

Prep Method: SW-846 3510C-SW-846 8270C **Leachates were extracted on 12/28/2010 per SW-846 1312 in Batch B024301**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0671-02 [GDC-TP-04 (0-2)]	B024350	500	0.500	12/30/10
10L0671-03 [GDC-TP-04 (6-8)]	B024350	500	0.500	12/30/10
10L0671-04 [GDC-TP-12 (6-8)]	B024350	500	0.500	12/30/10

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QUALITY CONTROL

SPLP - Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024350 - SW-846 3510C										
Blank (B024350-BLK1)				Prepared: 12/30/10 Analyzed: 01/01/11						
Acenaphthene	ND	0.15	µg/L							
Acenaphthylene	ND	0.15	µg/L							
Anthracene	ND	0.10	µg/L							
Benzo(a)anthracene	ND	0.025	µg/L							
Benzo(a)pyrene	ND	0.050	µg/L							
Benzo(b)fluoranthene	ND	0.025	µg/L							
Benzo(g,h,i)perylene	ND	2.5	µg/L							
Benzo(k)fluoranthene	ND	0.10	µg/L							
Chrysene	ND	0.10	µg/L							
Dibenz(a,h)anthracene	ND	0.10	µg/L							
Fluoranthene	ND	0.25	µg/L							
Fluorene	ND	0.50	µg/L							
Indeno(1,2,3-cd)pyrene	ND	0.10	µg/L							
2-Methylnaphthalene	ND	0.50	µg/L							
Naphthalene	ND	0.50	µg/L							
Phenanthrene	ND	0.025	µg/L							
Pyrene	ND	0.50	µg/L							
Surrogate: Nitrobenzene-d5	*28.6*		µg/L	50.0		57.2	30-130			
Surrogate: 2-Fluorobiphenyl	*31.7*		µg/L	50.0		63.4	30-130			
Surrogate: Terphenyl-d14	*36.6*		µg/L	50.0		73.2	30-130			
LCS (B024350-BS1)				Prepared: 12/30/10 Analyzed: 01/01/11						
Acenaphthene	41.6	2.5	µg/L	50.0		83.1	40-140			
Acenaphthylene	40.3	2.5	µg/L	50.0		80.7	40-140			
Anthracene	41.2	2.5	µg/L	50.0		82.4	40-140			
Benzo(a)anthracene	38.6	2.5	µg/L	50.0		77.1	40-140			
Benzo(a)pyrene	41.1	2.5	µg/L	50.0		82.3	40-140			
Benzo(b)fluoranthene	38.9	2.5	µg/L	50.0		77.7	40-140			
Benzo(g,h,i)perylene	55.5	2.5	µg/L	50.0		111	40-140			
Benzo(k)fluoranthene	41.1	2.5	µg/L	50.0		82.2	40-140			
Chrysene	39.1	2.5	µg/L	50.0		78.3	40-140			
Dibenz(a,h)anthracene	59.7	2.5	µg/L	50.0		119	40-140			
Fluoranthene	39.1	2.5	µg/L	50.0		78.2	40-140			
Fluorene	39.9	2.5	µg/L	50.0		79.9	40-140			
Indeno(1,2,3-cd)pyrene	58.6	2.5	µg/L	50.0		117	40-140			
2-Methylnaphthalene	55.9	2.5	µg/L	50.0		112	40-140			
Naphthalene	40.8	2.5	µg/L	50.0		81.6	40-140			
Phenanthrene	41.3	2.5	µg/L	50.0		82.7	40-140			
Pyrene	34.7	2.5	µg/L	50.0		69.3	40-140			
Surrogate: Nitrobenzene-d5	*46.1*		µg/L	50.0		92.2	30-130			
Surrogate: 2-Fluorobiphenyl	*56.2*		µg/L	50.0		112	30-130			
Surrogate: Terphenyl-d14	*48.6*		µg/L	50.0		97.3	30-130			

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QUALITY CONTROL

SPLP - Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024349 - SW-846 3510C										
Blank (B024349-BLK1)				Prepared & Analyzed: 12/30/10						
Aroclor-1016	ND	0.20	µg/L							
Aroclor-1016 [2C]	ND	0.20	µg/L							
Aroclor-1221	ND	0.20	µg/L							
Aroclor-1221 [2C]	ND	0.20	µg/L							
Aroclor-1232	ND	0.20	µg/L							
Aroclor-1232 [2C]	ND	0.20	µg/L							
Aroclor-1242	ND	0.20	µg/L							
Aroclor-1242 [2C]	ND	0.20	µg/L							
Aroclor-1248	ND	0.20	µg/L							
Aroclor-1248 [2C]	ND	0.20	µg/L							
Aroclor-1254	ND	0.20	µg/L							
Aroclor-1254 [2C]	ND	0.20	µg/L							
Aroclor-1260	ND	0.20	µg/L							
Aroclor-1260 [2C]	ND	0.20	µg/L							
Aroclor-1262	ND	0.20	µg/L							
Aroclor-1262 [2C]	ND	0.20	µg/L							
Aroclor-1268	ND	0.20	µg/L							
Aroclor-1268 [2C]	ND	0.20	µg/L							
Surrogate: Decachlorobiphenyl	*2.00*		µg/L	2.00		100	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.18*		µg/L	2.00		109	30-150			
Surrogate: Tetrachloro-m-xylene	*2.06*		µg/L	2.00		103	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*2.15*		µg/L	2.00		107	30-150			
LCS (B024349-BS1)				Prepared & Analyzed: 12/30/10						
Aroclor-1016	0.52	0.20	µg/L	0.500		103	40-140			
Aroclor-1016 [2C]	0.54	0.20	µg/L	0.500		108	40-140			
Aroclor-1260	0.49	0.20	µg/L	0.500		98.0	40-140			
Aroclor-1260 [2C]	0.54	0.20	µg/L	0.500		109	40-140			
Surrogate: Decachlorobiphenyl	*2.22*		µg/L	2.00		111	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.45*		µg/L	2.00		123	30-150			
Surrogate: Tetrachloro-m-xylene	*2.38*		µg/L	2.00		119	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*2.31*		µg/L	2.00		116	30-150			
Matrix Spike (B024349-MS1)	**Source: 10L0671-01**			Prepared & Analyzed: 12/30/10						
Aroclor-1016	0.58	0.20	µg/L	0.500	ND	116	40-140			
Aroclor-1016 [2C]	0.63	0.20	µg/L	0.500	ND	127	40-140			
Aroclor-1260	0.57	0.20	µg/L	0.500	0.096	94.2	40-140			
Aroclor-1260 [2C]	0.53	0.20	µg/L	0.500	0.086	88.1	40-140			
Surrogate: Decachlorobiphenyl	*1.89*		µg/L	2.00		94.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.09*		µg/L	2.00		104	30-150			
Surrogate: Tetrachloro-m-xylene	*1.72*		µg/L	2.00		85.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.84*		µg/L	2.00		92.2	30-150			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications

No certified Analyses included in this Report

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

10L0671

CHAIN OF CUSTODY RECORD

10L0090

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East Longmeadow, MA 01028

Page 1 of

Company Name: AKRF, Inc. Telephone: 646-388-9882
Address: 7000 Main Street Suite C Project # 41065
Williamstic, CT 06226 Client PO#
Attention: Glen Stefanick
Project Location: 6 Rubber Ave, Naugatuck, CT
Sampled By: Steve Greens

DATA DELIVERY (check all that apply)
O FAX ☒ EMAIL O WEBSITE
Fax #
Email: gstefanick@akrf.com
Format: ☒ PDF ☒ EXCEL O GIS
O OTHER
O "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
O yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	VOCs	SVOCs	ETPH	Total RCRA Metals	SPLP RCRA 15 Metals	PCBs	Cyanide		PAH SPLP ☆	8082 SPLP ☆	☆ Required 5 days Surcharge
-01 ☆	GDC-TP-08(0-2)	12/2/10	0900		X	S	L		X	X	X	X	X	X				
-02	GDC-TP-08(4-6)	12/2/10	0915		X	S	L		X	X	X	X	X	X				
-03 ☆	GDC-TP-07(0-2)	12/2/10	1040		X	S	L		X	X	X	X	X	X				
-04	GDC-TP-07(6-8)	12/2/10	1048		X	S	L	X	X	X	X	X	X	X			X	
-05	GDC-TP-07-MS	12/2/10	1048		X	S	L	X	X	X	X	X	X	X				
-06	GDC-TP-04(0-2)	12/2/10	1300		X	S	L		X	X	X	X	X	X		X		
-06 ☆	GDC-TP-04(4-6)	12/2/10	1305		X	S	L		X	X	X	X	X	X				
-07	GDC-TP-04(6-8)	12/2/10	1310		X	S	L		X	X	X	X	X	X		X		
-08	GDC-TP-12(0-2)	12/2/10	1400		X	S	L		X		X	X						
-09	GDC-TP-12(6-8) TB2.010 12.22	12/2/10	1450		X	S	L		X	X	X	X	X	X		X		

Comments: ☆ Hold Sample(s): GDC-TP-08(0-2); GDC-TP-07(0-2); GDC-TP-04(4-6);
12-02-10 17:37 IN

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

	# of Containers	6	20	20	20	20	20	20	20
	** Preservation	MX	I	I	I	I	I	I	I
	***Container Co	V	A	A	A	A	A	A	A

ANALYSIS REQUESTED

Dissolved Met
O Field Filtered
O Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisul
X = Na hydroxide
T = Na thiosulfat
O = Other

*Matrix Code:
GW= groundwat
WW= wastewat
DW= drinking w
A = air
S = soil/solid
SL = sludge
O = other

	Relinquished by: (signature)	Date/Time:
		12/2/10 1505
	Received by: (signature)	Date/Time:
		12/2/10 1505
	Relinquished by: (signature)	Date/Time:
		12/2/10 1650
	Received by: (signature)	Date/Time:
		12/2/10 1650

Turnaround ††
☒ 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: CT RSR
RDEC, GB PMC
Other:

Is your project MCP or RCP ?
O MCP Analytical Certification Form Required
☒ RCP Analysis Certification Form Required
O MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac
AIHA
NELAC & AIHA Certifie
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED
PLEASE BE CAREFUL NOT TO CONTAMINATE YOUR PRESERVED

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con-test ANALYTICAL LABORATORY

Sample Receipt Checklist

39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

CLIENT NAME: AKRF, Inc. RECEIVED BY: CAB DATE: 12/2/10

1) Was the chain(s) of custody relinquished and signed? (Yes) No

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank 1.5 °C Temperature °C by Temp gun _____

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any samples "On Hold"? (Yes) No Stored where: 19

7) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

8) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature:

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	1 GSC-TP-04(0-2)
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)	19	2 oz amber/clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below	9	SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
Flashpoint bottle		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 3

Bisulfate _____ # DI Water 6

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:
12-02-10 17:36 IN

Do all samples have the proper Acid pH: Yes No (N/A) _____

Do all samples have the proper Base pH: Yes No (N/A)

June 2010

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: AKRF - WILLIMANTIC, CT

Project Location: 6 Rubber Ave., Naugatuck, CT

Project Number: 10L0671

Laboratory Sample ID(s):

10L0671-01 thru 10L0671-04

Sample Date(s):

12/02/2010

List RCP Methods Used:

SW-846 1312, SW-846 8082, SW-846 8270C

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ 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)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

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: Michael A. Erickson **Date:** 01/04/11

Name of Laboratory: Con-Test Analytical Laboratory

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

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

January 4, 2011

Glen Stefaniak
AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226

Project Location: 6 Rubber Ave., Naugatuck, CT
Client Job Number:
Project Number: 91065
Laboratory Work Order Number: 10L0672

Enclosed are results of analyses for samples received by the laboratory on December 22, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Susan M. Burney
Project Manager

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

AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226
ATTN: Glen Stefaniak

REPORT DATE: 1/4/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 91065

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10L0672

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

PROJECT LOCATION: 6 Rubber Ave., Naugatuck, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GDC-TP-11 (0-2)	10L0672-01	Soil		SM 2540G	
				SW-846 1312	
				SW-846 8270C	
GDC-TP-11 (6-8)	10L0672-02	Soil		SM 2540G	
				SW-846 1312	
				SW-846 8270C	
GDC-TP-06 (2-4)	10L0672-03	Soil		SM 2540G	
				SW-846 1312	
				SW-846 8082	
				SW-846 8270C	

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CASE NARRATIVE SUMMARY

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

For method 8270, only PAHs were requested and reported.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0672

Date Received: 12/22/2010

Field Sample #: GDC-TP-11 (0-2) Sampled: 12/1/2010 10:44

Sample ID: 10L0672-01

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.3		% Wt	1		SM 2540G	12/22/10	12/22/10 16:10	VAF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0672

Date Received: 12/22/2010

Field Sample #: GDC-TP-11 (0-2) Sampled: 12/1/2010 10:44

Sample ID: 10L0672-01

Sample Matrix: Soil

SPLP - Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.30	µg/L	1		SW-846 8270C	12/30/10	1/2/11 0:17	BGL
Acenaphthylene	ND	0.30	µg/L	1		SW-846 8270C	12/30/10	1/2/11 0:17	BGL
Anthracene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 0:17	BGL
Benzo(a)anthracene	ND	0.050	µg/L	1		SW-846 8270C	12/30/10	1/2/11 0:17	BGL
Benzo(a)pyrene	ND	0.10	µg/L	1		SW-846 8270C	12/30/10	1/2/11 0:17	BGL
Benzo(b)fluoranthene	ND	0.050	µg/L	1		SW-846 8270C	12/30/10	1/2/11 0:17	BGL
Benzo(g,h,i)perylene	ND	0.50	µg/L	1		SW-846 8270C	12/30/10	1/2/11 0:17	BGL
Benzo(k)fluoranthene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 0:17	BGL
Chrysene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 0:17	BGL
Dibenz(a,h)anthracene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 0:17	BGL
Fluoranthene	ND	0.50	µg/L	1		SW-846 8270C	12/30/10	1/2/11 0:17	BGL
Fluorene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 0:17	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 0:17	BGL
2-Methylnaphthalene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 0:17	BGL
Naphthalene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 0:17	BGL
Phenanthrene	ND	0.050	µg/L	1		SW-846 8270C	12/30/10	1/2/11 0:17	BGL
Pyrene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 0:17	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	58.3	30-130		1/2/11 0:17
2-Fluorobiphenyl	67.6	30-130		1/2/11 0:17
Terphenyl-d14	86.9	30-130		1/2/11 0:17

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0672

Date Received: 12/22/2010

Field Sample #: GDC-TP-11 (6-8) | Sampled: 12/1/2010 11:00

Sample ID: 10L0672-02

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	79.9		% Wt	1		SM 2540G	12/22/10	12/22/10 16:10	VAF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0672

Date Received: 12/22/2010

Field Sample #: GDC-TP-11 (6-8) | Sampled: 12/1/2010 11:00

Sample ID: 10L0672-02

Sample Matrix: Soil

SPLP - Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.30	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:08	BGL
Acenaphthylene	ND	0.30	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:08	BGL
Anthracene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:08	BGL
Benzo(a)anthracene	ND	0.050	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:08	BGL
Benzo(a)pyrene	ND	0.10	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:08	BGL
Benzo(b)fluoranthene	ND	0.050	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:08	BGL
Benzo(g,h,i)perylene	ND	0.50	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:08	BGL
Benzo(k)fluoranthene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:08	BGL
Chrysene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:08	BGL
Dibenz(a,h)anthracene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:08	BGL
Fluoranthene	ND	0.50	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:08	BGL
Fluorene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:08	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:08	BGL
2-Methylnaphthalene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:08	BGL
Naphthalene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:08	BGL
Phenanthrene	ND	0.050	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:08	BGL
Pyrene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:08	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	57.4	30-130		1/2/11 8:08
2-Fluorobiphenyl	65.9	30-130		1/2/11 8:08
Terphenyl-d14	64.7	30-130		1/2/11 8:08

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0672

Date Received: 12/22/2010

Field Sample #: GDC-TP-06 (2-4) | Sampled: 12/1/2010 13:20

Sample ID: 10L0672-03

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.6		% Wt	1		SM 2540G	12/22/10	12/22/10 16:10	VAF

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0672

Date Received: 12/22/2010

Field Sample #: GDC-TP-06 (2-4) | Sampled: 12/1/2010 13:20

Sample ID: 10L0672-03

Sample Matrix: Soil

SPLP - Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.30	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:43	BGL
Acenaphthylene	ND	0.30	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:43	BGL
Anthracene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:43	BGL
Benzo(a)anthracene	ND	0.050	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:43	BGL
Benzo(a)pyrene	ND	0.10	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:43	BGL
Benzo(b)fluoranthene	ND	0.050	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:43	BGL
Benzo(g,h,i)perylene	ND	0.50	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:43	BGL
Benzo(k)fluoranthene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:43	BGL
Chrysene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:43	BGL
Dibenz(a,h)anthracene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:43	BGL
Fluoranthene	ND	0.50	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:43	BGL
Fluorene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:43	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:43	BGL
2-Methylnaphthalene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:43	BGL
Naphthalene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:43	BGL
Phenanthrene	ND	0.050	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:43	BGL
Pyrene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 8:43	BGL

Surrogates	% Recovery	Recovery Limits	Flag		
Nitrobenzene-d5	65.2	30-130		1/2/11	8:43
2-Fluorobiphenyl	76.1	30-130		1/2/11	8:43
Terphenyl-d14	78.0	30-130		1/2/11	8:43

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0672

Date Received: 12/22/2010

Field Sample #: GDC-TP-06 (2-4) | Sampled: 12/1/2010 13:20

Sample ID: 10L0672-03

Sample Matrix: Soil

SPLP - Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082	12/30/10	12/30/10 14:22	JMB
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082	12/30/10	12/30/10 14:22	JMB
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082	12/30/10	12/30/10 14:22	JMB
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082	12/30/10	12/30/10 14:22	JMB
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082	12/30/10	12/30/10 14:22	JMB
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082	12/30/10	12/30/10 14:22	JMB
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082	12/30/10	12/30/10 14:22	JMB
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082	12/30/10	12/30/10 14:22	JMB
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082	12/30/10	12/30/10 14:22	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	83.2	30-150		12/30/10 14:22
Decachlorobiphenyl [2]	90.7	30-150		12/30/10 14:22
Tetrachloro-m-xylene [1]	83.0	30-150		12/30/10 14:22
Tetrachloro-m-xylene [2]	87.6	30-150		12/30/10 14:22

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
10L0672-01 [GDC-TP-11 (0-2)]	B024123	12/22/10
10L0672-02 [GDC-TP-11 (6-8)]	B024123	12/22/10
10L0672-03 [GDC-TP-06 (2-4)]	B024123	12/22/10

Prep Method: SW-846 3510C-SW-846 8082 **Leachates were extracted on 12/28/2010 per SW-846 1312 in Batch B024301**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0672-03 [GDC-TP-06 (2-4)]	B024349	500	5.00	12/30/10

Prep Method: SW-846 3510C-SW-846 8270C **Leachates were extracted on 12/28/2010 per SW-846 1312 in Batch B024301**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0672-01 [GDC-TP-11 (0-2)]	B024350	500	0.500	12/30/10
10L0672-02 [GDC-TP-11 (6-8)]	B024350	500	0.500	12/30/10
10L0672-03 [GDC-TP-06 (2-4)]	B024350	500	0.500	12/30/10

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QUALITY CONTROL

SPLP - Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024350 - SW-846 3510C										
Blank (B024350-BLK1)				Prepared: 12/30/10 Analyzed: 01/01/11						
Acenaphthene	ND	0.15	µg/L							
Acenaphthylene	ND	0.15	µg/L							
Anthracene	ND	0.10	µg/L							
Benzo(a)anthracene	ND	0.025	µg/L							
Benzo(a)pyrene	ND	0.050	µg/L							
Benzo(b)fluoranthene	ND	0.025	µg/L							
Benzo(g,h,i)perylene	ND	2.5	µg/L							
Benzo(k)fluoranthene	ND	0.10	µg/L							
Chrysene	ND	0.10	µg/L							
Dibenz(a,h)anthracene	ND	0.10	µg/L							
Fluoranthene	ND	0.25	µg/L							
Fluorene	ND	0.50	µg/L							
Indeno(1,2,3-cd)pyrene	ND	0.10	µg/L							
2-Methylnaphthalene	ND	0.50	µg/L							
Naphthalene	ND	0.50	µg/L							
Phenanthrene	ND	0.025	µg/L							
Pyrene	ND	0.50	µg/L							
Surrogate: Nitrobenzene-d5	*28.6*		µg/L	50.0		57.2	30-130			
Surrogate: 2-Fluorobiphenyl	*31.7*		µg/L	50.0		63.4	30-130			
Surrogate: Terphenyl-d14	*36.6*		µg/L	50.0		73.2	30-130			
LCS (B024350-BS1)				Prepared: 12/30/10 Analyzed: 01/01/11						
Acenaphthene	41.6	2.5	µg/L	50.0		83.1	40-140			
Acenaphthylene	40.3	2.5	µg/L	50.0		80.7	40-140			
Anthracene	41.2	2.5	µg/L	50.0		82.4	40-140			
Benzo(a)anthracene	38.6	2.5	µg/L	50.0		77.1	40-140			
Benzo(a)pyrene	41.1	2.5	µg/L	50.0		82.3	40-140			
Benzo(b)fluoranthene	38.9	2.5	µg/L	50.0		77.7	40-140			
Benzo(g,h,i)perylene	55.5	2.5	µg/L	50.0		111	40-140			
Benzo(k)fluoranthene	41.1	2.5	µg/L	50.0		82.2	40-140			
Chrysene	39.1	2.5	µg/L	50.0		78.3	40-140			
Dibenz(a,h)anthracene	59.7	2.5	µg/L	50.0		119	40-140			
Fluoranthene	39.1	2.5	µg/L	50.0		78.2	40-140			
Fluorene	39.9	2.5	µg/L	50.0		79.9	40-140			
Indeno(1,2,3-cd)pyrene	58.6	2.5	µg/L	50.0		117	40-140			
2-Methylnaphthalene	55.9	2.5	µg/L	50.0		112	40-140			
Naphthalene	40.8	2.5	µg/L	50.0		81.6	40-140			
Phenanthrene	41.3	2.5	µg/L	50.0		82.7	40-140			
Pyrene	34.7	2.5	µg/L	50.0		69.3	40-140			
Surrogate: Nitrobenzene-d5	*46.1*		µg/L	50.0		92.2	30-130			
Surrogate: 2-Fluorobiphenyl	*56.2*		µg/L	50.0		112	30-130			
Surrogate: Terphenyl-d14	*48.6*		µg/L	50.0		97.3	30-130			

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QUALITY CONTROL

SPLP - Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024349 - SW-846 3510C										
Blank (B024349-BLK1)				Prepared & Analyzed: 12/30/10						
Aroclor-1016	ND	0.20	µg/L							
Aroclor-1016 [2C]	ND	0.20	µg/L							
Aroclor-1221	ND	0.20	µg/L							
Aroclor-1221 [2C]	ND	0.20	µg/L							
Aroclor-1232	ND	0.20	µg/L							
Aroclor-1232 [2C]	ND	0.20	µg/L							
Aroclor-1242	ND	0.20	µg/L							
Aroclor-1242 [2C]	ND	0.20	µg/L							
Aroclor-1248	ND	0.20	µg/L							
Aroclor-1248 [2C]	ND	0.20	µg/L							
Aroclor-1254	ND	0.20	µg/L							
Aroclor-1254 [2C]	ND	0.20	µg/L							
Aroclor-1260	ND	0.20	µg/L							
Aroclor-1260 [2C]	ND	0.20	µg/L							
Aroclor-1262	ND	0.20	µg/L							
Aroclor-1262 [2C]	ND	0.20	µg/L							
Aroclor-1268	ND	0.20	µg/L							
Aroclor-1268 [2C]	ND	0.20	µg/L							
Surrogate: Decachlorobiphenyl	*2.00*		µg/L	2.00		100	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.18*		µg/L	2.00		109	30-150			
Surrogate: Tetrachloro-m-xylene	*2.06*		µg/L	2.00		103	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*2.15*		µg/L	2.00		107	30-150			
LCS (B024349-BS1)				Prepared & Analyzed: 12/30/10						
Aroclor-1016	0.52	0.20	µg/L	0.500		103	40-140			
Aroclor-1016 [2C]	0.54	0.20	µg/L	0.500		108	40-140			
Aroclor-1260	0.49	0.20	µg/L	0.500		98.0	40-140			
Aroclor-1260 [2C]	0.54	0.20	µg/L	0.500		109	40-140			
Surrogate: Decachlorobiphenyl	*2.22*		µg/L	2.00		111	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.45*		µg/L	2.00		123	30-150			
Surrogate: Tetrachloro-m-xylene	*2.38*		µg/L	2.00		119	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*2.31*		µg/L	2.00		116	30-150			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications

No certified Analyses included in this Report

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

10L0612

CHAIN OF CUSTODY RECORD

10L0028

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Fax: 413-525-6405
Email: info@contestlabs.com
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East Longmeadow, MA 01028

Page 1 of

Company Name: AKRF Inc. Telephone: 646-388-9882
Address: 700 Main St. Suite C Project # 91065
Williamantic, CT 06226 Client PO#
Attention: Glen Stefaniak
Project Location: 6 Rubber Ave, Naugatuck, CT
Sampled By: Steve Grens

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ☒ EMAIL ○ WEBSITE
Fax #
Email: gstefaniak@akrf.com
Format: ☒ PDF ☒ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Cc
-01 *	GDC-TP-05(0-2)	12/1/10	12/1/10 0745		X	S	U			
-02	GDC-TP-05(2-4)	12/1/10	12/1/10 0750		X	S	U			
-03	GDC-TP-05(8-10)	12/1/10	12/1/10 0930		X	S	U			
-04	GDC-TP-11(0-2)	12/1/10	1044		X	S	U			
-05 *	GDC-TP-11(2-4)	12/1/10	1050		X	S	U			
-06	GDC-TP-11(6-8)	12/1/10	1100		X	S	U			
-07 *	GDC-TP-06(0-2)	12/1/10	1312		X	S	U			
-08	GDC-TP-06(2-4)	12/1/10	1320		X	S	U			
-09	~~TRIP~~ TB20101201	12/1/10	1400			O				

ANALYSIS REQUESTED

VOCs	SVOCs	ETPH	Total RCP 15 Metals	SPLP RCRA 15 Metals	PCBs	Cyanide	PAH SPLP **	8260 SPLP **	* Reached 5 days
	X	X	X	X	X	X			
X	X	X	X	X	X	X			
	X	X	X	X	X	X			
X	X	X	X	X	X	X	X		
	X	X	X	X	X	X			
	X	X	X	X	X	X	X		
	X	X	X	X	X	X			
	X	X	X	X	X	X	X	X	
X									

Comments: * Hold Sample(s): GDC-TP-05(0-2), GDC-TP-11(2-4), GDC-TP-06(0-2),
12-01-10 18:14 IN

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V=vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisul
X = Na hydroxide
T = Na thiosulfat
O = Other

*Matrix Code:
GW= groundwat
WW= wastewate
DW= drinking wa
A = air
S = soil/solid
SL = sludge
O = other

Dissolved Met
○ Field Filtered
○ Lab to Filter

Relinquished by: (signature)	Date/Time: 12/1/10 1421
Received by: (signature)	Date/Time: 12/1/10 2:05
Relinquished by: (signature)	Date/Time: 12/1/10 4:15
Received by: (signature)	Date/Time: 12/1/10 1618

Turnaround ††
☒ 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: CT RSR
RDEC, GBPMC
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
☒ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certifie
WBE/DBE Certified

TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED

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39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

Sample Receipt Checklist

CLIENT NAME: AKRF, Inc. RECEIVED BY: CB DATE: 12/1/10

1) Was the chain(s) of custody relinquished and signed? (Yes) No

2) Does the chain agree with the samples? (Yes) No
If not, explain:

3) Are all the samples in good condition? (Yes) No
If not, explain:

4) How were the samples received:
On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank 2.5°C Temperature °C by Temp gun _____

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any samples "On Hold"? (Yes) No Stored where: 19

7) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

8) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature:

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)	16	2 oz amber/clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below	9	SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
~~Flashpoint bottle~~		~~Other~~	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 3
Bisulfate _____ # DI Water 6
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:
12-01-10 18:14 IN

Do all samples have the proper Acid pH: Yes No (N/A) _____

Do all samples have the proper Base pH: Yes No (N/A)

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: AKRF - WILLIMANTIC, CT

Project Location: 6 Rubber Ave., Naugatuck, CT

Project Number: 10L0672

Laboratory Sample ID(s):

10L0672-01 thru 10L0672-03

Sample Date(s):

12/01/2010

List RCP Methods Used:

SW-846 1312, SW-846 8082, SW-846 8270C

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ 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)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐ Yes ☑ No

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: Michael A. Erickson **Date:** 01/04/11

Name of Laboratory: Con-Test Analytical Laboratory

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

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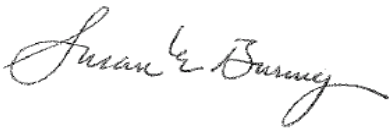
January 4, 2011

Glen Stefaniak
AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226

Project Location: 6 Rubber Ave., Naugatuck, CT
Client Job Number:
Project Number: 91065
Laboratory Work Order Number: 10L0674

Enclosed are results of analyses for samples received by the laboratory on December 22, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Susan M. Burney
Project Manager

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

AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226
ATTN: Glen Stefaniak

REPORT DATE: 1/4/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 91065

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10L0674

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

PROJECT LOCATION: 6 Rubber Ave., Naugatuck, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GDC-TP-15 (0-2)	10L0674-01	Soil		SM 2540G	
				SW-846 1312	
				SW-846 8270C	
GDC-TP-15 (6-8)	10L0674-02	Soil		SM 2540G	
				SW-846 1312	
				SW-846 8270C	
GDC-TP-13 (2-4)	10L0674-03	Soil		SM 2540G	
				SW-846 1312	
				SW-846 8270C	
GDC-TP-09 (7-9)	10L0674-04	Soil		SM 2540G	
				SW-846 1312	
				SW-846 8270C	
GDC-TP-10 (4-6)	10L0674-05	Soil		SM 2540G	
				SW-846 1312	
				SW-846 8270C	

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CASE NARRATIVE SUMMARY

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

For method 8270, only PAHs were requested and reported.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0674

Date Received: 12/22/2010

Field Sample #: GDC-TP-15 (0-2) Sampled: 12/3/2010 07:40

Sample ID: 10L0674-01

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	76.9		% Wt	1		SM 2540G	12/22/10	12/22/10 16:10	VAF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0674

Date Received: 12/22/2010

Field Sample #: GDC-TP-15 (0-2) | Sampled: 12/3/2010 07:40

Sample ID: 10L0674-01

Sample Matrix: Soil

SPLP - Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.30	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:40	BGL
Acenaphthylene	ND	0.30	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:40	BGL
Anthracene	0.26	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:40	BGL
Benzo(a)anthracene	1.6	0.050	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:40	BGL
Benzo(a)pyrene	1.5	0.10	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:40	BGL
Benzo(b)fluoranthene	2.6	0.050	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:40	BGL
Benzo(g,h,i)perylene	1.6	0.50	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:40	BGL
Benzo(k)fluoranthene	0.88	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:40	BGL
Chrysene	1.3	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:40	BGL
Dibenz(a,h)anthracene	0.43	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:40	BGL
Fluoranthene	2.0	0.50	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:40	BGL
Fluorene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:40	BGL
Indeno(1,2,3-cd)pyrene	1.8	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:40	BGL
2-Methylnaphthalene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:40	BGL
Naphthalene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:40	BGL
Phenanthrene	0.76	0.050	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:40	BGL
Pyrene	2.2	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:40	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	65.9	30-130		1/2/11 11:40
2-Fluorobiphenyl	84.0	30-130		1/2/11 11:40
Terphenyl-d14	74.1	30-130		1/2/11 11:40

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0674

Date Received: 12/22/2010

Field Sample #: GDC-TP-15 (6-8) | Sampled: 12/3/2010 07:50

Sample ID: 10L0674-02

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	79.4		% Wt	1		SM 2540G	12/22/10	12/22/10 16:10	VAF

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0674

Date Received: 12/22/2010

Field Sample #: GDC-TP-15 (6-8) | Sampled: 12/3/2010 07:50

Sample ID: 10L0674-02

Sample Matrix: Soil

SPLP - Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.30	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:18	BGL
Acenaphthylene	ND	0.30	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:18	BGL
Anthracene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:18	BGL
Benzo(a)anthracene	ND	0.050	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:18	BGL
Benzo(a)pyrene	ND	0.10	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:18	BGL
Benzo(b)fluoranthene	ND	0.050	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:18	BGL
Benzo(g,h,i)perylene	ND	0.50	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:18	BGL
Benzo(k)fluoranthene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:18	BGL
Chrysene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:18	BGL
Dibenz(a,h)anthracene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:18	BGL
Fluoranthene	ND	0.50	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:18	BGL
Fluorene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:18	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:18	BGL
2-Methylnaphthalene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:18	BGL
Naphthalene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:18	BGL
Phenanthrene	ND	0.050	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:18	BGL
Pyrene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:18	BGL

Surrogates	% Recovery	Recovery Limits	Flag		
Nitrobenzene-d5	72.7	30-130		1/2/11	9:18
2-Fluorobiphenyl	86.6	30-130		1/2/11	9:18
Terphenyl-d14	78.7	30-130		1/2/11	9:18

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0674

Date Received: 12/22/2010

Field Sample #: GDC-TP-13 (2-4) | Sampled: 12/3/2010 11:30

Sample ID: 10L0674-03

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.8		% Wt	1		SM 2540G	12/22/10	12/22/10 16:10	VAF

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0674

Date Received: 12/22/2010

Field Sample #: GDC-TP-13 (2-4) | Sampled: 12/3/2010 11:30

Sample ID: 10L0674-03

Sample Matrix: Soil

SPLP - Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.30	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:54	BGL
Acenaphthylene	ND	0.30	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:54	BGL
Anthracene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:54	BGL
Benzo(a)anthracene	ND	0.050	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:54	BGL
Benzo(a)pyrene	ND	0.10	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:54	BGL
Benzo(b)fluoranthene	ND	0.050	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:54	BGL
Benzo(g,h,i)perylene	ND	0.50	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:54	BGL
Benzo(k)fluoranthene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:54	BGL
Chrysene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:54	BGL
Dibenz(a,h)anthracene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:54	BGL
Fluoranthene	ND	0.50	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:54	BGL
Fluorene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:54	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:54	BGL
2-Methylnaphthalene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:54	BGL
Naphthalene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:54	BGL
Phenanthrene	0.41	0.050	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:54	BGL
Pyrene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 9:54	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	62.6	30-130		1/2/11 9:54
2-Fluorobiphenyl	71.6	30-130		1/2/11 9:54
Terphenyl-d14	86.6	30-130		1/2/11 9:54

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Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 10L0674

Date Received: 12/22/2010

Field Sample #: GDC-TP-09 (7-9) Sampled: 12/3/2010 13:00

Sample ID: 10L0674-04

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.5		% Wt	1		SM 2540G	12/22/10	12/22/10 16:10	VAF

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0674

Date Received: 12/22/2010

Field Sample #: GDC-TP-09 (7-9) | Sampled: 12/3/2010 13:00

Sample ID: 10L0674-04

Sample Matrix: Soil

SPLP - Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.30	µg/L	1		SW-846 8270C	12/30/10	1/2/11 10:29	BGL
Acenaphthylene	ND	0.30	µg/L	1		SW-846 8270C	12/30/10	1/2/11 10:29	BGL
Anthracene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 10:29	BGL
Benzo(a)anthracene	ND	0.050	µg/L	1		SW-846 8270C	12/30/10	1/2/11 10:29	BGL
Benzo(a)pyrene	ND	0.10	µg/L	1		SW-846 8270C	12/30/10	1/2/11 10:29	BGL
Benzo(b)fluoranthene	ND	0.050	µg/L	1		SW-846 8270C	12/30/10	1/2/11 10:29	BGL
Benzo(g,h,i)perylene	ND	0.50	µg/L	1		SW-846 8270C	12/30/10	1/2/11 10:29	BGL
Benzo(k)fluoranthene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 10:29	BGL
Chrysene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 10:29	BGL
Dibenz(a,h)anthracene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 10:29	BGL
Fluoranthene	ND	0.50	µg/L	1		SW-846 8270C	12/30/10	1/2/11 10:29	BGL
Fluorene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 10:29	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 10:29	BGL
2-Methylnaphthalene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 10:29	BGL
Naphthalene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 10:29	BGL
Phenanthrene	ND	0.050	µg/L	1		SW-846 8270C	12/30/10	1/2/11 10:29	BGL
Pyrene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 10:29	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	66.2	30-130		1/2/11 10:29
2-Fluorobiphenyl	78.0	30-130		1/2/11 10:29
Terphenyl-d14	79.7	30-130		1/2/11 10:29

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0674

Date Received: 12/22/2010

Field Sample #: GDC-TP-10 (4-6) | Sampled: 12/3/2010 13:32

Sample ID: 10L0674-05

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.7		% Wt	1		SM 2540G	12/22/10	12/22/10 16:10	VAF

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Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 10L0674

Date Received: 12/22/2010

Field Sample #: GDC-TP-10 (4-6) | Sampled: 12/3/2010 13:32

Sample ID: 10L0674-05

Sample Matrix: Soil

SPLP - Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.30	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:05	BGL
Acenaphthylene	ND	0.30	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:05	BGL
Anthracene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:05	BGL
Benzo(a)anthracene	ND	0.050	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:05	BGL
Benzo(a)pyrene	ND	0.10	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:05	BGL
Benzo(b)fluoranthene	ND	0.050	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:05	BGL
Benzo(g,h,i)perylene	ND	0.50	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:05	BGL
Benzo(k)fluoranthene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:05	BGL
Chrysene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:05	BGL
Dibenz(a,h)anthracene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:05	BGL
Fluoranthene	ND	0.50	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:05	BGL
Fluorene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:05	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:05	BGL
2-Methylnaphthalene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:05	BGL
Naphthalene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:05	BGL
Phenanthrene	ND	0.050	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:05	BGL
Pyrene	ND	1.0	µg/L	1		SW-846 8270C	12/30/10	1/2/11 11:05	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	47.8	30-130		1/2/11 11:05
2-Fluorobiphenyl	56.5	30-130		1/2/11 11:05
Terphenyl-d14	71.7	30-130		1/2/11 11:05

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
10L0674-01 [GDC-TP-15 (0-2)]	B024123	12/22/10
10L0674-02 [GDC-TP-15 (6-8)]	B024123	12/22/10
10L0674-03 [GDC-TP-13 (2-4)]	B024123	12/22/10
10L0674-04 [GDC-TP-09 (7-9)]	B024123	12/22/10
10L0674-05 [GDC-TP-10 (4-6)]	B024123	12/22/10

Prep Method: SW-846 3510C-SW-846 8270C **Leachates were extracted on 12/28/2010 per SW-846 1312 in Batch B024301**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0674-01 [GDC-TP-15 (0-2)]	B024350	500	0.500	12/30/10
10L0674-02 [GDC-TP-15 (6-8)]	B024350	500	0.500	12/30/10
10L0674-03 [GDC-TP-13 (2-4)]	B024350	500	0.500	12/30/10
10L0674-04 [GDC-TP-09 (7-9)]	B024350	500	0.500	12/30/10
10L0674-05 [GDC-TP-10 (4-6)]	B024350	500	0.500	12/30/10

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QUALITY CONTROL

SPLP - Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024350 - SW-846 3510C										
Blank (B024350-BLK1)				Prepared: 12/30/10 Analyzed: 01/01/11						
Acenaphthene	ND	0.15	µg/L							
Acenaphthylene	ND	0.15	µg/L							
Anthracene	ND	0.10	µg/L							
Benzo(a)anthracene	ND	0.025	µg/L							
Benzo(a)pyrene	ND	0.050	µg/L							
Benzo(b)fluoranthene	ND	0.025	µg/L							
Benzo(g,h,i)perylene	ND	2.5	µg/L							
Benzo(k)fluoranthene	ND	0.10	µg/L							
Chrysene	ND	0.10	µg/L							
Dibenz(a,h)anthracene	ND	0.10	µg/L							
Fluoranthene	ND	0.25	µg/L							
Fluorene	ND	0.50	µg/L							
Indeno(1,2,3-cd)pyrene	ND	0.10	µg/L							
2-Methylnaphthalene	ND	0.50	µg/L							
Naphthalene	ND	0.50	µg/L							
Phenanthrene	ND	0.025	µg/L							
Pyrene	ND	0.50	µg/L							
Surrogate: Nitrobenzene-d5	*28.6*		µg/L	50.0		57.2	30-130			
Surrogate: 2-Fluorobiphenyl	*31.7*		µg/L	50.0		63.4	30-130			
Surrogate: Terphenyl-d14	*36.6*		µg/L	50.0		73.2	30-130			
LCS (B024350-BS1)				Prepared: 12/30/10 Analyzed: 01/01/11						
Acenaphthene	41.6	2.5	µg/L	50.0		83.1	40-140			
Acenaphthylene	40.3	2.5	µg/L	50.0		80.7	40-140			
Anthracene	41.2	2.5	µg/L	50.0		82.4	40-140			
Benzo(a)anthracene	38.6	2.5	µg/L	50.0		77.1	40-140			
Benzo(a)pyrene	41.1	2.5	µg/L	50.0		82.3	40-140			
Benzo(b)fluoranthene	38.9	2.5	µg/L	50.0		77.7	40-140			
Benzo(g,h,i)perylene	55.5	2.5	µg/L	50.0		111	40-140			
Benzo(k)fluoranthene	41.1	2.5	µg/L	50.0		82.2	40-140			
Chrysene	39.1	2.5	µg/L	50.0		78.3	40-140			
Dibenz(a,h)anthracene	59.7	2.5	µg/L	50.0		119	40-140			
Fluoranthene	39.1	2.5	µg/L	50.0		78.2	40-140			
Fluorene	39.9	2.5	µg/L	50.0		79.9	40-140			
Indeno(1,2,3-cd)pyrene	58.6	2.5	µg/L	50.0		117	40-140			
2-Methylnaphthalene	55.9	2.5	µg/L	50.0		112	40-140			
Naphthalene	40.8	2.5	µg/L	50.0		81.6	40-140			
Phenanthrene	41.3	2.5	µg/L	50.0		82.7	40-140			
Pyrene	34.7	2.5	µg/L	50.0		69.3	40-140			
Surrogate: Nitrobenzene-d5	*46.1*		µg/L	50.0		92.2	30-130			
Surrogate: 2-Fluorobiphenyl	*56.2*		µg/L	50.0		112	30-130			
Surrogate: Terphenyl-d14	*48.6*		µg/L	50.0		97.3	30-130			

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QUALITY CONTROL

SPLP - Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024350 - SW-846 3510C										
Matrix Spike (B024350-MS1)	**Source: 10L0674-01**			Prepared: 12/30/10 Analyzed: 01/02/11						
Acenaphthene	27.3	2.5	µg/L	50.0	ND	54.6	40-140			
Acenaphthylene	27.0	2.5	µg/L	50.0	ND	54.0	40-140			
Anthracene	28.5	2.5	µg/L	50.0	0.260	56.5	40-140			
Benzo(a)anthracene	28.2	2.5	µg/L	50.0	1.62	53.2	40-140			
Benzo(a)pyrene	28.8	2.5	µg/L	50.0	1.49	54.6	40-140			
Benzo(b)fluoranthene	29.8	2.5	µg/L	50.0	2.62	54.4	40-140			
Benzo(g,h,i)perylene	42.2	2.5	µg/L	50.0	1.62	81.2	40-140			
Benzo(k)fluoranthene	25.5	2.5	µg/L	50.0	0.880	49.2	40-140			
Chrysene	27.3	2.5	µg/L	50.0	1.28	52.1	40-140			
Dibenz(a,h)anthracene	43.5	2.5	µg/L	50.0	0.430	86.2	40-140			
Fluoranthene	26.8	2.5	µg/L	50.0	2.00	49.7	40-140			
Fluorene	28.5	2.5	µg/L	50.0	ND	57.1	40-140			
Indeno(1,2,3-cd)pyrene	44.9	2.5	µg/L	50.0	1.84	86.1	40-140			
2-Methylnaphthalene	24.1	2.5	µg/L	50.0	ND	48.2	40-140			
Naphthalene	21.7	2.5	µg/L	50.0	ND	43.4	40-140			
Phenanthrene	30.2	2.5	µg/L	50.0	0.760	58.8	40-140			
Pyrene	26.1	2.5	µg/L	50.0	2.17	47.9	40-140			
Surrogate: Nitrobenzene-d5	*27.4*		µg/L	50.0		54.8	30-130			
Surrogate: 2-Fluorobiphenyl	*33.0*		µg/L	50.0		66.0	30-130			
Surrogate: Terphenyl-d14	*22.9*		µg/L	50.0		45.7	30-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications

No certified Analyses included in this Report

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

1020614

CHAIN OF CUSTODY RECORD

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East Longmeadow, MA 01028

Page 1 of

~~101037~~

Company Name: AARF Inc
Address: 700 Main Street Suite C
Willimantic CT 06226
Attention: Glen Stefanek
Project Location: 6 Rubber Ave, Naugatuck CT
Sampled By: Steve Greas

Telephone: 646-388-9882
Project #: 91065
Client PO#:

DATA DELIVERY (check all that apply)
O FAX ☒ EMAIL O WEBSITE
Fax #:
Email: gstefanek@arf.kit.com
Format: ☒ PDF ☒ EXCEL O GIS
O OTHER
O "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
O yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	VOCs	SVOCs	ETPH	Total RCRA Metals	SPLP RCRA Metals	PCBs	Cyanide	PAH SPLP ←	X Reactivity
01	GDC-TP-15 (0-2)	12/3/10	0740		X	S	L		X		X	X				
02	GDC-TP-15 (6-8)	12/3/10	0750		X	S	L	X	X	X	X	X	X	X		
03	GDC-TP-14 (0-2)	12/3/10	0905		X	S	L			X			X			
04	GDC-TP-14 (7-9)	12/3/10	0910		X	S	L	X	X	X	X	X	X	X		
05	GDC-TP-14B (7-9)	12/3/10	0915		X	S	L	X	X	X	X	X	X	X		
06 ☆	GDC-TP-16 (2-4)	12/3/10	1015		X	S	L		X	X	X	X	X	X		
07	GDC-TP-16 (4-6)	12/3/10	1025		X	S	L		X	X	X	X	X	X		
08 ☆	GDC-TP-13 (0-2)	12/3/10	1120		X	S	L		X	X	X	X	X	X		
09	GDC-TP-13 (2-4)	12/3/10	1130		X	S	L		X	X	X	X	X	X		
10 ☆	GDC-TP-09 (2-4)	12/3/10	1250		X	S	L		X	X	X	X	X	X		

Comments: ☆ Hold Sample(s): GDC-TP-16 (2-4); GDC-TP-13 (0-2)
GDC-TP-09 (2-4)
12-03-10 17:39 IN

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

ANALYSIS REQUESTED

	9	10	11	12	13	14	15
M/I	I	I	I	I	I	I	I
V	A	A	A	A	A	A	A

# of Containers
** Preservation
***Container C

Dissolved Me
O Field Filtere
O Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisu
X = Na hydroxid
T = Na thiosulfat
O = Other

*Matrix Code:
GW= groundwa
WW= wastewat
DW= drinking w
A = air
S = soil/solid
SL = sludge
O = other

Relinquished by: (signature)	Date/Time: 12/3/10 1420
Received by: (signature)	Date/Time: 12/3/10 1421
Relinquished by: (signature)	Date/Time: 12/3/10 1705
Received by: (signature) 4.0°	Date/Time: 12/3/10 1705

Turnaround ††
☒ 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: CT RSR, PDEC, GBPMC
Other:

Is your project MCP or RCP ?
O MCP Analytical Certification Form Required
O RCP Analysis Certification Form Required
O MA State DW Form Required PWSID # _____

NELAC & AIHA Certifie
WBE/DBE Certified

TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED

CHAIN OF CUSTODY RECORD

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www.contestlabs.com
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East Longmeadow, MA 01028

Page 2 of 2

10L0137

Company Name: AKRF, Inc
Address: 700 Main St - Suite C
Williamantic, CT 06226
Attention: Glen Stefaniak
Project Location: 6 Rubber Ave, Naugatuck, CT
Sampled By: Steve Green

Telephone: 646-388-9882
Project # 91065
Client PO#

DATA DELIVERY (check all that apply)
O FAX X EMAIL O WEBSITE
Fax #
Email: gstefaniak@akrf.com
Format: X PDF X EXCEL O GIS
O OTHER
O "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
O yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	VOCs	SVOCs	ETPH	Total BZ + 15 Methyls	SVOC BZ + 15 Methyls	PCBs	CN (reactive)	# of Containers
11	GDC-TP-09 (7-9)	12/3/10	1300		X	S	L		X	X	X	X	X	X	
12	GDC-TP-10 (4-6)	12/3/10	1337		X	S	L		X	X	X	X	X	X	
13	TB20101203	12/3/10	1200			O		X							
14	FB20101203	12/3/10				O		X	X	X	X	X	X	X	

ANALYSIS REQUESTED

** Preservation
*** Container Co
Dissolved Meta
O Field Filtered
O Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V=vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulf
X = Na hydroxide
T = Na thiosulfate
O = Other

*Matrix Code:
GW= groundwate
WW= wastewate
DW= drinking wa
A = air
S = soil/solid
SL = sludge
O = other TB/

Comments:
12-03-10 17:40 IN

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
	12/3/10 1420
Received by: (signature)	Date/Time:
	12/3/10 1420
Relinquished by: (signature)	Date/Time:
	12/3/10 1705
Received by: (signature)	Date/Time:
	12/3/10 1705

Turnaround ††
X 7-Day
O 10-Day
O Other ____
RUSH †
O †24-Hr O †48-Hr
O †72-Hr O †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: CT RSR, PDEC GW Pkg
Other:

Is your project MCP or RCP ?
O MCP Analytical Certification Form Required
O RCP Analytical Certification Form Required
O MA State D/W Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: AKRF - WILLIMANTIC, CT

Project Location: 6 Rubber Ave., Naugatuck, CT

Project Number: 10L0674

Laboratory Sample ID(s):

10L0674-01 thru 10L0674-05

Sample Date(s):

12/03/2010

List RCP Methods Used:

SW-846 1312, SW-846 8270C

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ 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)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

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: Michael A. Erickson **Date:** 01/04/11

Name of Laboratory: Con-Test Analytical Laboratory

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

APPENDIX H
LABORATORY ANALYTICAL REPORTS
(GROUNDWATER)

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

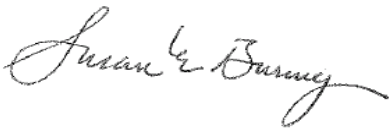
January 10, 2011

Glen Stefaniak
AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226

Project Location: 6 Rubber Avenue, Naugatuck, CT
Client Job Number:
Project Number: 91065
Laboratory Work Order Number: 10L0811

Enclosed are results of analyses for samples received by the laboratory on December 29, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Susan M. Burney
Project Manager

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

AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226
ATTN: Glen Stefaniak

REPORT DATE: 1/10/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 91065

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10L0811

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

PROJECT LOCATION: 6 Rubber Avenue, Naugatuck, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GDC-MW-101	10L0811-01	Ground Water		CTDEP ETPH	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW846 9014	
GDC-MW-103	10L0811-02	Ground Water		CTDEP ETPH	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW846 9014	
GDC-MW-105	10L0811-03	Ground Water		CTDEP ETPH	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW846 9014	
GDC-MW-107	10L0811-04	Ground Water		CTDEP ETPH	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW846 9014	
GDC-MW-106	10L0811-05	Ground Water		CTDEP ETPH	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW846 9014	

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AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226
ATTN: Glen Stefaniak

REPORT DATE: 1/10/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 91065

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10L0811

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

PROJECT LOCATION: 6 Rubber Avenue, Naugatuck, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GDC-MW-111	10L0811-06	Ground Water		CTDEP ETPH	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW846 9014	
GDC-MW-5	10L0811-07	Ground Water		CTDEP ETPH	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW846 9014	
GDC-MW-109	10L0811-08	Ground Water		CTDEP ETPH	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW846 9014	
GDC-MW-104	10L0811-09	Ground Water		CTDEP ETPH	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW846 9014	

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CASE NARRATIVE SUMMARY

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

For method 8270, only PAHs were requested and reported.

SW-846 6020A

Qualifications:

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

Analyte & Samples(s) Qualified:

Silver

B024405-BSD1

SW-846 8260B

All water reporting limits specified on the chain-of-custody were met except for Acrylonitrile, where the most protective criteria are not met since the laboratory cannot achieve the required RCP calibration criteria at these levels, unless otherwise listed in this narrative.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-101 Sampled: 12/28/2010 13:35

Sample ID: 10L0811-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
Bromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
Carbon Disulfide	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
Chloroform	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
Chloromethane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
Hexachlorobutadiene	ND	0.40	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
2-Hexanone (MBK)	ND	20	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-101 Sampled: 12/28/2010 13:35

Sample ID: 10L0811-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
Styrene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
1,2,3-Trichloropropane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
1,3,5-Trimethylbenzene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 4:58	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	110	70-130		1/4/11 4:58
Toluene-d8	94.5	70-130		1/4/11 4:58
4-Bromofluorobenzene	97.1	70-130		1/4/11 4:58

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-101 Sampled: 12/28/2010 13:35

Sample ID: 10L0811-01

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.30	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:05	BGL
Acenaphthylene	ND	0.30	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:05	BGL
Anthracene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:05	BGL
Benzo(a)anthracene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:05	BGL
Benzo(a)pyrene	ND	0.10	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:05	BGL
Benzo(b)fluoranthene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:05	BGL
Benzo(g,h,i)perylene	ND	0.50	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:05	BGL
Benzo(k)fluoranthene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:05	BGL
Chrysene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:05	BGL
Dibenz(a,h)anthracene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:05	BGL
Fluoranthene	ND	0.50	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:05	BGL
Fluorene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:05	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:05	BGL
2-Methylnaphthalene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:05	BGL
Naphthalene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:05	BGL
Phenanthrene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:05	BGL
Pyrene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:05	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	62.0	30-130		1/5/11 18:05
2-Fluorobiphenyl	74.3	30-130		1/5/11 18:05
Terphenyl-d14	61.6	30-130		1/5/11 18:05

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-101 Sampled: 12/28/2010 13:35

Sample ID: 10L0811-01

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 9:25	JMB
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 9:25	JMB
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 9:25	JMB
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 9:25	JMB
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 9:25	JMB
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 9:25	JMB
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 9:25	JMB
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 9:25	JMB
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 9:25	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	97.3	30-150		1/4/11 9:25
Decachlorobiphenyl [2]	84.8	30-150		1/4/11 9:25
Tetrachloro-m-xylene [1]	100	30-150		1/4/11 9:25
Tetrachloro-m-xylene [2]	98.3	30-150		1/4/11 9:25

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-101 Sampled: 12/28/2010 13:35

Sample ID: 10L0811-01

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.075	mg/L	1		CTDEP ETPH	1/3/11	1/4/11 9:19	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	86.3	50-150				1/4/11 9:19	

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-101 Sampled: 12/28/2010 13:35

Sample ID: 10L0811-01

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:29	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:29	KSH
Barium	78	50	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:29	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:29	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:29	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:29	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:29	KSH
Lead	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:29	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	1/3/11	1/3/11 13:07	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:29	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:29	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:29	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:29	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:29	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:29	KSH

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-101 Sampled: 12/28/2010 13:35

Sample ID: 10L0811-01

Sample Matrix: Ground Water

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1		SW846 9014	1/5/11	1/5/11 12:20	VAK

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-103 Sampled: 12/28/2010 15:12

Sample ID: 10L0811-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
Bromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
Carbon Disulfide	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
Chloroform	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
Chloromethane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
cis-1,2-Dichloroethylene	0.58	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
Hexachlorobutadiene	ND	0.40	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
2-Hexanone (MBK)	ND	20	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-103 Sampled: 12/28/2010 15:12

Sample ID: 10L0811-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
Methyl tert-Butyl Ether (MTBE)	3.4	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
Styrene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
1,2,3-Trichloropropane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
1,3,5-Trimethylbenzene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 5:30	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	107	70-130		1/4/11 5:30
Toluene-d8	96.6	70-130		1/4/11 5:30
4-Bromofluorobenzene	95.8	70-130		1/4/11 5:30

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-103 Sampled: 12/28/2010 15:12

Sample ID: 10L0811-02

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.30	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:35	BGL
Acenaphthylene	ND	0.30	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:35	BGL
Anthracene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:35	BGL
Benzo(a)anthracene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:35	BGL
Benzo(a)pyrene	ND	0.10	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:35	BGL
Benzo(b)fluoranthene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:35	BGL
Benzo(g,h,i)perylene	ND	0.50	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:35	BGL
Benzo(k)fluoranthene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:35	BGL
Chrysene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:35	BGL
Dibenz(a,h)anthracene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:35	BGL
Fluoranthene	ND	0.50	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:35	BGL
Fluorene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:35	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:35	BGL
2-Methylnaphthalene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:35	BGL
Naphthalene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:35	BGL
Phenanthrene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:35	BGL
Pyrene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 18:35	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	67.4	30-130		1/5/11 18:35
2-Fluorobiphenyl	80.0	30-130		1/5/11 18:35
Terphenyl-d14	50.3	30-130		1/5/11 18:35

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-103 Sampled: 12/28/2010 15:12

Sample ID: 10L0811-02

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 9:38	JMB
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 9:38	JMB
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 9:38	JMB
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 9:38	JMB
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 9:38	JMB
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 9:38	JMB
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 9:38	JMB
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 9:38	JMB
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 9:38	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	67.4	30-150		1/4/11 9:38
Decachlorobiphenyl [2]	59.5	30-150		1/4/11 9:38
Tetrachloro-m-xylene [1]	89.8	30-150		1/4/11 9:38
Tetrachloro-m-xylene [2]	88.0	30-150		1/4/11 9:38

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-103 Sampled: 12/28/2010 15:12

Sample ID: 10L0811-02

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.075	mg/L	1		CTDEP ETPH	1/3/11	1/4/11 9:38	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	87.3	50-150				1/4/11 9:38	

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-103 Sampled: 12/28/2010 15:12

Sample ID: 10L0811-02

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:32	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:32	KSH
Barium	110	50	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:32	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:32	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:32	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:32	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:32	KSH
Lead	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:32	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	1/3/11	1/3/11 13:09	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:32	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:32	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:32	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:32	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:32	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:32	KSH

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-103 Sampled: 12/28/2010 15:12

Sample ID: 10L0811-02

Sample Matrix: Ground Water

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1		SW846 9014	1/5/11	1/5/11 12:20	VAK

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-105 Sampled: 12/28/2010 17:07

Sample ID: 10L0811-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
Bromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
Carbon Disulfide	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
Chloroform	0.67	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
Chloromethane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
cis-1,2-Dichloroethylene	1.2	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
Hexachlorobutadiene	ND	0.40	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
2-Hexanone (MBK)	ND	20	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-105 Sampled: 12/28/2010 17:07

Sample ID: 10L0811-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
Styrene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
1,2,3-Trichloropropane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
1,3,5-Trimethylbenzene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:02	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	110	70-130		1/4/11 6:02
Toluene-d8	96.1	70-130		1/4/11 6:02
4-Bromofluorobenzene	95.8	70-130		1/4/11 6:02

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-105 Sampled: 12/28/2010 17:07

Sample ID: 10L0811-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.30	µg/L	1		SW-846 8270C	1/4/11	1/5/11 19:05	BGL
Acenaphthylene	ND	0.30	µg/L	1		SW-846 8270C	1/4/11	1/5/11 19:05	BGL
Anthracene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 19:05	BGL
Benzo(a)anthracene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/5/11 19:05	BGL
Benzo(a)pyrene	ND	0.10	µg/L	1		SW-846 8270C	1/4/11	1/5/11 19:05	BGL
Benzo(b)fluoranthene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/5/11 19:05	BGL
Benzo(g,h,i)perylene	ND	0.50	µg/L	1		SW-846 8270C	1/4/11	1/5/11 19:05	BGL
Benzo(k)fluoranthene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 19:05	BGL
Chrysene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 19:05	BGL
Dibenz(a,h)anthracene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 19:05	BGL
Fluoranthene	ND	0.50	µg/L	1		SW-846 8270C	1/4/11	1/5/11 19:05	BGL
Fluorene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 19:05	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 19:05	BGL
2-Methylnaphthalene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 19:05	BGL
Naphthalene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 19:05	BGL
Phenanthrene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/5/11 19:05	BGL
Pyrene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 19:05	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	60.7	30-130		1/5/11 19:05
2-Fluorobiphenyl	75.5	30-130		1/5/11 19:05
Terphenyl-d14	51.6	30-130		1/5/11 19:05

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-105 Sampled: 12/28/2010 17:07

Sample ID: 10L0811-03

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 9:52	JMB
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 9:52	JMB
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 9:52	JMB
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 9:52	JMB
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 9:52	JMB
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 9:52	JMB
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 9:52	JMB
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 9:52	JMB
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 9:52	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	83.8	30-150		1/4/11 9:52
Decachlorobiphenyl [2]	73.3	30-150		1/4/11 9:52
Tetrachloro-m-xylene [1]	77.9	30-150		1/4/11 9:52
Tetrachloro-m-xylene [2]	76.7	30-150		1/4/11 9:52

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-105 Sampled: 12/28/2010 17:07

Sample ID: 10L0811-03

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.075	mg/L	1		CTDEP ETPH	1/3/11	1/4/11 9:56	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	85.6	50-150				1/4/11 9:56	

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-105 Sampled: 12/28/2010 17:07

Sample ID: 10L0811-03

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:36	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:36	KSH
Barium	84	50	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:36	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:36	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:36	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:36	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:36	KSH
Lead	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:36	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	1/3/11	1/3/11 13:10	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:36	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:36	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:36	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:36	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:36	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:36	KSH

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-105 Sampled: 12/28/2010 17:07

Sample ID: 10L0811-03

Sample Matrix: Ground Water

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1		SW846 9014	1/5/11	1/5/11 12:20	VAK

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Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-107 Sampled: 12/29/2010 09:50

Sample ID: 10L0811-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
Bromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
Carbon Disulfide	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
Chloroform	0.78	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
Chloromethane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
Hexachlorobutadiene	ND	0.40	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
2-Hexanone (MBK)	ND	20	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-107 Sampled: 12/29/2010 09:50

Sample ID: 10L0811-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
Styrene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
1,2,3-Trichloropropane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
1,3,5-Trimethylbenzene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 6:33	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	111	70-130		1/4/11 6:33
Toluene-d8	95.6	70-130		1/4/11 6:33
4-Bromofluorobenzene	94.8	70-130		1/4/11 6:33

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-107 Sampled: 12/29/2010 09:50

Sample ID: 10L0811-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.30	µg/L	1		SW-846 8270C	1/4/11	1/5/11 20:50	BGL
Acenaphthylene	ND	0.30	µg/L	1		SW-846 8270C	1/4/11	1/5/11 20:50	BGL
Anthracene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 20:50	BGL
Benzo(a)anthracene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/5/11 20:50	BGL
Benzo(a)pyrene	ND	0.10	µg/L	1		SW-846 8270C	1/4/11	1/5/11 20:50	BGL
Benzo(b)fluoranthene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/5/11 20:50	BGL
Benzo(g,h,i)perylene	ND	0.50	µg/L	1		SW-846 8270C	1/4/11	1/5/11 20:50	BGL
Benzo(k)fluoranthene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 20:50	BGL
Chrysene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 20:50	BGL
Dibenz(a,h)anthracene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 20:50	BGL
Fluoranthene	ND	0.50	µg/L	1		SW-846 8270C	1/4/11	1/5/11 20:50	BGL
Fluorene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 20:50	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 20:50	BGL
2-Methylnaphthalene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 20:50	BGL
Naphthalene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 20:50	BGL
Phenanthrene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/5/11 20:50	BGL
Pyrene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 20:50	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	60.1	30-130		1/5/11 20:50
2-Fluorobiphenyl	72.8	30-130		1/5/11 20:50
Terphenyl-d14	52.3	30-130		1/5/11 20:50

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-107 Sampled: 12/29/2010 09:50

Sample ID: 10L0811-04

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 10:05	JMB
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 10:05	JMB
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 10:05	JMB
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 10:05	JMB
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 10:05	JMB
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 10:05	JMB
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 10:05	JMB
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 10:05	JMB
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 10:05	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	81.0	30-150		1/4/11 10:05
Decachlorobiphenyl [2]	70.4	30-150		1/4/11 10:05
Tetrachloro-m-xylene [1]	78.2	30-150		1/4/11 10:05
Tetrachloro-m-xylene [2]	76.6	30-150		1/4/11 10:05

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-107 Sampled: 12/29/2010 09:50

Sample ID: 10L0811-04

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	0.13	0.075	mg/L	1		CTDEP ETPH	1/3/11	1/4/11 6:55	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	93.6	50-150				1/4/11 6:55	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-107 Sampled: 12/29/2010 09:50

Sample ID: 10L0811-04

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:39	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:39	KSH
Barium	140	50	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:39	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:39	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:39	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:39	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:39	KSH
Lead	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:39	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	1/3/11	1/3/11 13:12	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:39	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:39	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:39	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:39	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:39	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:39	KSH

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-107 Sampled: 12/29/2010 09:50

Sample ID: 10L0811-04

Sample Matrix: Ground Water

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1		SW846 9014	1/5/11	1/5/11 12:20	VAK

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-106 Sampled: 12/29/2010 10:55

Sample ID: 10L0811-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
Bromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
Carbon Disulfide	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
Chloroform	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
Chloromethane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
Hexachlorobutadiene	ND	0.40	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
2-Hexanone (MBK)	ND	20	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-106 Sampled: 12/29/2010 10:55

Sample ID: 10L0811-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
Styrene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
1,2,3-Trichloropropane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
1,3,5-Trimethylbenzene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:05	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	110	70-130		1/4/11 7:05
Toluene-d8	95.1	70-130		1/4/11 7:05
4-Bromofluorobenzene	95.8	70-130		1/4/11 7:05

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-106 Sampled: 12/29/2010 10:55

Sample ID: 10L0811-05

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.30	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:19	BGL
Acenaphthylene	ND	0.30	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:19	BGL
Anthracene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:19	BGL
Benzo(a)anthracene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:19	BGL
Benzo(a)pyrene	ND	0.10	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:19	BGL
Benzo(b)fluoranthene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:19	BGL
Benzo(g,h,i)perylene	ND	0.50	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:19	BGL
Benzo(k)fluoranthene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:19	BGL
Chrysene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:19	BGL
Dibenz(a,h)anthracene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:19	BGL
Fluoranthene	ND	0.50	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:19	BGL
Fluorene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:19	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:19	BGL
2-Methylnaphthalene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:19	BGL
Naphthalene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:19	BGL
Phenanthrene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:19	BGL
Pyrene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:19	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	46.5	30-130		1/5/11 21:19
2-Fluorobiphenyl	56.7	30-130		1/5/11 21:19
Terphenyl-d14	41.4	30-130		1/5/11 21:19

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-106 Sampled: 12/29/2010 10:55

Sample ID: 10L0811-05

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 10:19	JMB
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 10:19	JMB
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 10:19	JMB
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 10:19	JMB
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 10:19	JMB
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 10:19	JMB
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 10:19	JMB
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 10:19	JMB
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 10:19	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	87.5	30-150		1/4/11 10:19
Decachlorobiphenyl [2]	76.2	30-150		1/4/11 10:19
Tetrachloro-m-xylene [1]	83.3	30-150		1/4/11 10:19
Tetrachloro-m-xylene [2]	82.3	30-150		1/4/11 10:19

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-106 Sampled: 12/29/2010 10:55

Sample ID: 10L0811-05

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	0.14	0.075	mg/L	1		CTDEP ETPH	1/3/11	1/4/11 7:14	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	100	50-150					1/4/11 7:14

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-106 Sampled: 12/29/2010 10:55

Sample ID: 10L0811-05

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:43	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:43	KSH
Barium	110	50	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:43	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:43	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:43	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:43	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:43	KSH
Lead	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:43	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	1/3/11	1/3/11 13:14	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:43	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:43	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:43	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:43	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:43	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:43	KSH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-106 Sampled: 12/29/2010 10:55

Sample ID: 10L0811-05

Sample Matrix: Ground Water

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1		SW846 9014	1/5/11	1/5/11 12:20	VAK

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-111 Sampled: 12/29/2010 13:37

Sample ID: 10L0811-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
Bromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
Carbon Disulfide	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
Chloroform	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
Chloromethane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
Hexachlorobutadiene	ND	0.40	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
2-Hexanone (MBK)	ND	20	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-111 Sampled: 12/29/2010 13:37

Sample ID: 10L0811-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
Styrene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
1,2,3-Trichloropropane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
1,3,5-Trimethylbenzene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 7:37	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	110	70-130		1/4/11 7:37
Toluene-d8	94.9	70-130		1/4/11 7:37
4-Bromofluorobenzene	95.3	70-130		1/4/11 7:37

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-111 Sampled: 12/29/2010 13:37

Sample ID: 10L0811-06

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.30	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:49	BGL
Acenaphthylene	ND	0.30	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:49	BGL
Anthracene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:49	BGL
Benzo(a)anthracene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:49	BGL
Benzo(a)pyrene	ND	0.10	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:49	BGL
Benzo(b)fluoranthene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:49	BGL
Benzo(g,h,i)perylene	ND	0.50	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:49	BGL
Benzo(k)fluoranthene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:49	BGL
Chrysene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:49	BGL
Dibenz(a,h)anthracene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:49	BGL
Fluoranthene	ND	0.50	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:49	BGL
Fluorene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:49	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:49	BGL
2-Methylnaphthalene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:49	BGL
Naphthalene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:49	BGL
Phenanthrene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:49	BGL
Pyrene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 21:49	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	43.4	30-130		1/5/11 21:49
2-Fluorobiphenyl	54.6	30-130		1/5/11 21:49
Terphenyl-d14	48.9	30-130		1/5/11 21:49

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

Project Location: 6 Rubber Avenue, Naugatuck, CT | Sample Description: | Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-111 | Sampled: 12/29/2010 13:37

Sample ID: 10L0811-06

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 10:33	JMB
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 10:33	JMB
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 10:33	JMB
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 10:33	JMB
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 10:33	JMB
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 10:33	JMB
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 10:33	JMB
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 10:33	JMB
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 10:33	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	91.5	30-150		1/4/11 10:33
Decachlorobiphenyl [2]	78.7	30-150		1/4/11 10:33
Tetrachloro-m-xylene [1]	86.2	30-150		1/4/11 10:33
Tetrachloro-m-xylene [2]	84.6	30-150		1/4/11 10:33

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-111 Sampled: 12/29/2010 13:37

Sample ID: 10L0811-06

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	0.15	0.075	mg/L	1		CTDEP ETPH	1/3/11	1/4/11 7:32	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	93.9	50-150					1/4/11 7:32

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-111 Sampled: 12/29/2010 13:37

Sample ID: 10L0811-06

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:46	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:46	KSH
Barium	ND	50	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:46	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:46	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:46	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:46	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:46	KSH
Lead	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:46	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	1/3/11	1/3/11 13:15	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:46	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:46	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:46	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:46	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:46	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	1/3/11	1/8/11 14:46	KSH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-111 Sampled: 12/29/2010 13:37

Sample ID: 10L0811-06

Sample Matrix: Ground Water

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1		SW846 9014	1/5/11	1/5/11 12:20	VAK

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-5 Sampled: 12/29/2010 14:38

Sample ID: 10L0811-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
Bromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
Carbon Disulfide	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
Chloroform	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
Chloromethane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
Hexachlorobutadiene	ND	0.40	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
2-Hexanone (MBK)	ND	20	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-5 Sampled: 12/29/2010 14:38

Sample ID: 10L0811-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
Styrene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
1,1,1-Trichloroethane	1.3	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
1,2,3-Trichloropropane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
1,3,5-Trimethylbenzene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:08	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	109	70-130		1/4/11 8:08
Toluene-d8	95.4	70-130		1/4/11 8:08
4-Bromofluorobenzene	96.3	70-130		1/4/11 8:08

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-5 Sampled: 12/29/2010 14:38

Sample ID: 10L0811-07

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.30	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:19	BGL
Acenaphthylene	ND	0.30	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:19	BGL
Anthracene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:19	BGL
Benzo(a)anthracene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:19	BGL
Benzo(a)pyrene	ND	0.10	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:19	BGL
Benzo(b)fluoranthene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:19	BGL
Benzo(g,h,i)perylene	ND	0.50	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:19	BGL
Benzo(k)fluoranthene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:19	BGL
Chrysene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:19	BGL
Dibenz(a,h)anthracene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:19	BGL
Fluoranthene	ND	0.50	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:19	BGL
Fluorene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:19	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:19	BGL
2-Methylnaphthalene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:19	BGL
Naphthalene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:19	BGL
Phenanthrene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:19	BGL
Pyrene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:19	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	57.2	30-130		1/5/11 22:19
2-Fluorobiphenyl	73.9	30-130		1/5/11 22:19
Terphenyl-d14	50.8	30-130		1/5/11 22:19

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-5 Sampled: 12/29/2010 14:38

Sample ID: 10L0811-07

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 11:27	JMB
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 11:27	JMB
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 11:27	JMB
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 11:27	JMB
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 11:27	JMB
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 11:27	JMB
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 11:27	JMB
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 11:27	JMB
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 11:27	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	95.4	30-150		1/4/11 11:27
Decachlorobiphenyl [2]	82.6	30-150		1/4/11 11:27
Tetrachloro-m-xylene [1]	99.6	30-150		1/4/11 11:27
Tetrachloro-m-xylene [2]	97.7	30-150		1/4/11 11:27

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-5 Sampled: 12/29/2010 14:38

Sample ID: 10L0811-07

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.075	mg/L	1		CTDEP ETPH	1/3/11	1/4/11 7:51	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	95.3	50-150				1/4/11 7:51	

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-5 Sampled: 12/29/2010 14:38

Sample ID: 10L0811-07

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	7.3	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:26	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:26	KSH
Barium	110	50	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:26	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:26	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:26	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:26	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:26	KSH
Lead	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:26	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	1/3/11	1/3/11 13:17	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:26	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:26	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:26	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:26	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:26	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:26	KSH

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-5 Sampled: 12/29/2010 14:38

Sample ID: 10L0811-07

Sample Matrix: Ground Water

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1		SW846 9014	1/5/11	1/5/11 12:20	VAK

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Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-109 Sampled: 12/29/2010 15:51

Sample ID: 10L0811-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
Bromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
Carbon Disulfide	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
Chloroform	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
Chloromethane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
1,1-Dichloroethane	0.95	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
Hexachlorobutadiene	ND	0.40	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
2-Hexanone (MBK)	ND	20	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-109 Sampled: 12/29/2010 15:51

Sample ID: 10L0811-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
Styrene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
1,2,3-Trichloropropane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
1,3,5-Trimethylbenzene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 8:40	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	110	70-130		1/4/11 8:40
Toluene-d8	96.9	70-130		1/4/11 8:40
4-Bromofluorobenzene	96.2	70-130		1/4/11 8:40

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-109 Sampled: 12/29/2010 15:51

Sample ID: 10L0811-08

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.30	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:48	BGL
Acenaphthylene	ND	0.30	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:48	BGL
Anthracene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:48	BGL
Benzo(a)anthracene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:48	BGL
Benzo(a)pyrene	ND	0.10	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:48	BGL
Benzo(b)fluoranthene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:48	BGL
Benzo(g,h,i)perylene	ND	0.50	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:48	BGL
Benzo(k)fluoranthene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:48	BGL
Chrysene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:48	BGL
Dibenz(a,h)anthracene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:48	BGL
Fluoranthene	ND	0.50	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:48	BGL
Fluorene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:48	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:48	BGL
2-Methylnaphthalene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:48	BGL
Naphthalene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:48	BGL
Phenanthrene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:48	BGL
Pyrene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 22:48	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	57.4	30-130		1/5/11 22:48
2-Fluorobiphenyl	67.8	30-130		1/5/11 22:48
Terphenyl-d14	43.6	30-130		1/5/11 22:48

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-109 Sampled: 12/29/2010 15:51

Sample ID: 10L0811-08

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.24	µg/L	1		SW-846 8082	1/3/11	1/4/11 11:40	JMB
Aroclor-1221 [1]	ND	0.24	µg/L	1		SW-846 8082	1/3/11	1/4/11 11:40	JMB
Aroclor-1232 [1]	ND	0.24	µg/L	1		SW-846 8082	1/3/11	1/4/11 11:40	JMB
Aroclor-1242 [1]	ND	0.24	µg/L	1		SW-846 8082	1/3/11	1/4/11 11:40	JMB
Aroclor-1248 [1]	ND	0.24	µg/L	1		SW-846 8082	1/3/11	1/4/11 11:40	JMB
Aroclor-1254 [1]	ND	0.24	µg/L	1		SW-846 8082	1/3/11	1/4/11 11:40	JMB
Aroclor-1260 [1]	ND	0.24	µg/L	1		SW-846 8082	1/3/11	1/4/11 11:40	JMB
Aroclor-1262 [1]	ND	0.24	µg/L	1		SW-846 8082	1/3/11	1/4/11 11:40	JMB
Aroclor-1268 [1]	ND	0.24	µg/L	1		SW-846 8082	1/3/11	1/4/11 11:40	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	91.8	30-150		1/4/11 11:40
Decachlorobiphenyl [2]	79.8	30-150		1/4/11 11:40
Tetrachloro-m-xylene [1]	95.8	30-150		1/4/11 11:40
Tetrachloro-m-xylene [2]	93.7	30-150		1/4/11 11:40

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-109 Sampled: 12/29/2010 15:51

Sample ID: 10L0811-08

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.075	mg/L	1		CTDEP ETPH	1/3/11	1/4/11 8:07	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	92.6	50-150				1/4/11 8:07	

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Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-109 Sampled: 12/29/2010 15:51

Sample ID: 10L0811-08

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:31	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:31	KSH
Barium	120	50	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:31	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:31	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:31	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:31	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:31	KSH
Lead	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:31	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	1/3/11	1/3/11 13:23	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:31	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:31	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:31	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:31	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:31	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:31	KSH

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-109 Sampled: 12/29/2010 15:51

Sample ID: 10L0811-08

Sample Matrix: Ground Water

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1		SW846 9014	1/5/11	1/5/11 12:20	VAK

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-104 Sampled: 12/29/2010 11:52

Sample ID: 10L0811-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
Bromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
Carbon Disulfide	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
Chloroform	1.3	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
Chloromethane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
1,1-Dichloroethane	0.92	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
cis-1,2-Dichloroethylene	4.6	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
Hexachlorobutadiene	ND	0.40	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
2-Hexanone (MBK)	ND	20	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-104 Sampled: 12/29/2010 11:52

Sample ID: 10L0811-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
Styrene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
Trichloroethylene	1.5	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
1,2,3-Trichloropropane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.1	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
1,3,5-Trimethylbenzene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/4/11 9:12	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	110	70-130		1/4/11 9:12
Toluene-d8	95.0	70-130		1/4/11 9:12
4-Bromofluorobenzene	95.1	70-130		1/4/11 9:12

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-104 Sampled: 12/29/2010 11:52

Sample ID: 10L0811-09

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.30	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:18	BGL
Acenaphthylene	ND	0.30	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:18	BGL
Anthracene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:18	BGL
Benzo(a)anthracene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:18	BGL
Benzo(a)pyrene	ND	0.10	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:18	BGL
Benzo(b)fluoranthene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:18	BGL
Benzo(g,h,i)perylene	ND	0.50	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:18	BGL
Benzo(k)fluoranthene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:18	BGL
Chrysene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:18	BGL
Dibenz(a,h)anthracene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:18	BGL
Fluoranthene	ND	0.50	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:18	BGL
Fluorene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:18	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:18	BGL
2-Methylnaphthalene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:18	BGL
Naphthalene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:18	BGL
Phenanthrene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:18	BGL
Pyrene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:18	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	59.5	30-130		1/5/11 23:18
2-Fluorobiphenyl	74.6	30-130		1/5/11 23:18
Terphenyl-d14	57.7	30-130		1/5/11 23:18

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-104 Sampled: 12/29/2010 11:52

Sample ID: 10L0811-09

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 11:54	JMB
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 11:54	JMB
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 11:54	JMB
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 11:54	JMB
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 11:54	JMB
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 11:54	JMB
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 11:54	JMB
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 11:54	JMB
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 11:54	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	83.2	30-150		1/4/11 11:54
Decachlorobiphenyl [2]	72.5	30-150		1/4/11 11:54
Tetrachloro-m-xylene [1]	100	30-150		1/4/11 11:54
Tetrachloro-m-xylene [2]	98.6	30-150		1/4/11 11:54

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

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-104 Sampled: 12/29/2010 11:52

Sample ID: 10L0811-09

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.075	mg/L	1		CTDEP ETPH	1/3/11	1/4/11 8:24	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	104	50-150				1/4/11 8:24	

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Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-104 Sampled: 12/29/2010 11:52

Sample ID: 10L0811-09

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:36	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:36	KSH
Barium	ND	50	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:36	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:36	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:36	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:36	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:36	KSH
Lead	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:36	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	1/3/11	1/3/11 13:25	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:36	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:36	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:36	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:36	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:36	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:36	KSH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Avenue, Naugatuck, CT Sample Description: Work Order: 10L0811

Date Received: 12/29/2010

Field Sample #: GDC-MW-104 Sampled: 12/29/2010 11:52

Sample ID: 10L0811-09

Sample Matrix: Ground Water

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1		SW846 9014	1/5/11	1/5/11 12:20	VAK

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

Sample Extraction Data

Prep Method: SW-846 3510C-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0811-01 [GDC-MW-101]	B024403	1000	1.00	01/03/11
10L0811-02 [GDC-MW-103]	B024403	1000	1.00	01/03/11
10L0811-03 [GDC-MW-105]	B024403	1000	1.00	01/03/11
10L0811-04 [GDC-MW-107]	B024403	1000	1.00	01/03/11
10L0811-05 [GDC-MW-106]	B024403	1000	1.00	01/03/11
10L0811-06 [GDC-MW-111]	B024403	1000	1.00	01/03/11
10L0811-07 [GDC-MW-5]	B024403	1000	1.00	01/03/11
10L0811-08 [GDC-MW-109]	B024403	1000	1.00	01/03/11
10L0811-09 [GDC-MW-104]	B024403	1000	1.00	01/03/11

Prep Method: SW-846 3005A-SW-846 6020A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0811-01 [GDC-MW-101]	B024405	50.0	50.0	01/03/11
10L0811-02 [GDC-MW-103]	B024405	50.0	50.0	01/03/11
10L0811-03 [GDC-MW-105]	B024405	50.0	50.0	01/03/11
10L0811-04 [GDC-MW-107]	B024405	50.0	50.0	01/03/11
10L0811-05 [GDC-MW-106]	B024405	50.0	50.0	01/03/11
10L0811-06 [GDC-MW-111]	B024405	50.0	50.0	01/03/11
10L0811-07 [GDC-MW-5]	B024405	50.0	50.0	01/03/11
10L0811-08 [GDC-MW-109]	B024405	50.0	50.0	01/03/11
10L0811-09 [GDC-MW-104]	B024405	50.0	50.0	01/03/11

Prep Method: SW-846 7470A Prep-SW-846 7470A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0811-01 [GDC-MW-101]	B024394	6.00	6.00	01/03/11
10L0811-02 [GDC-MW-103]	B024394	6.00	6.00	01/03/11
10L0811-03 [GDC-MW-105]	B024394	6.00	6.00	01/03/11
10L0811-04 [GDC-MW-107]	B024394	6.00	6.00	01/03/11
10L0811-05 [GDC-MW-106]	B024394	6.00	6.00	01/03/11
10L0811-06 [GDC-MW-111]	B024394	6.00	6.00	01/03/11
10L0811-07 [GDC-MW-5]	B024394	6.00	6.00	01/03/11
10L0811-08 [GDC-MW-109]	B024394	6.00	6.00	01/03/11
10L0811-09 [GDC-MW-104]	B024394	6.00	6.00	01/03/11

Prep Method: SW-846 3510C-SW-846 8082

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0811-01 [GDC-MW-101]	B024402	1000	10.0	01/03/11
10L0811-02 [GDC-MW-103]	B024402	1000	10.0	01/03/11
10L0811-03 [GDC-MW-105]	B024402	1000	10.0	01/03/11
10L0811-04 [GDC-MW-107]	B024402	1000	10.0	01/03/11
10L0811-05 [GDC-MW-106]	B024402	1000	10.0	01/03/11
10L0811-06 [GDC-MW-111]	B024402	1000	10.0	01/03/11
10L0811-07 [GDC-MW-5]	B024402	1000	10.0	01/03/11
10L0811-08 [GDC-MW-109]	B024402	850	10.0	01/03/11
10L0811-09 [GDC-MW-104]	B024402	1000	10.0	01/03/11

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

Sample Extraction Data

Prep Method: SW-846 5030B-SW-846 8260B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0811-01 [GDC-MW-101]	B024411	5	5.00	01/03/11
10L0811-02 [GDC-MW-103]	B024411	5	5.00	01/03/11
10L0811-03 [GDC-MW-105]	B024411	5	5.00	01/03/11
10L0811-04 [GDC-MW-107]	B024411	5	5.00	01/03/11
10L0811-05 [GDC-MW-106]	B024411	5	5.00	01/03/11
10L0811-06 [GDC-MW-111]	B024411	5	5.00	01/03/11
10L0811-07 [GDC-MW-5]	B024411	5	5.00	01/03/11
10L0811-08 [GDC-MW-109]	B024411	5	5.00	01/03/11
10L0811-09 [GDC-MW-104]	B024411	5	5.00	01/03/11

Prep Method: SW-846 3510C-SW-846 8270C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0811-01 [GDC-MW-101]	B024456	1000	1.00	01/04/11
10L0811-02 [GDC-MW-103]	B024456	1000	1.00	01/04/11
10L0811-03 [GDC-MW-105]	B024456	1000	1.00	01/04/11
10L0811-04 [GDC-MW-107]	B024456	1000	1.00	01/04/11
10L0811-05 [GDC-MW-106]	B024456	1000	1.00	01/04/11
10L0811-06 [GDC-MW-111]	B024456	1000	1.00	01/04/11
10L0811-07 [GDC-MW-5]	B024456	1000	1.00	01/04/11
10L0811-08 [GDC-MW-109]	B024456	1000	1.00	01/04/11
10L0811-09 [GDC-MW-104]	B024456	1000	1.00	01/04/11

SW846 9014

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10L0811-01 [GDC-MW-101]	B024531	50.0	50.0	01/05/11
10L0811-02 [GDC-MW-103]	B024531	50.0	50.0	01/05/11
10L0811-03 [GDC-MW-105]	B024531	50.0	50.0	01/05/11
10L0811-04 [GDC-MW-107]	B024531	50.0	50.0	01/05/11
10L0811-05 [GDC-MW-106]	B024531	50.0	50.0	01/05/11
10L0811-06 [GDC-MW-111]	B024531	50.0	50.0	01/05/11
10L0811-07 [GDC-MW-5]	B024531	50.0	50.0	01/05/11
10L0811-08 [GDC-MW-109]	B024531	50.0	50.0	01/05/11
10L0811-09 [GDC-MW-104]	B024531	50.0	50.0	01/05/11

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024411 - SW-846 5030B										
Blank (B024411-BLK1)				Prepared: 01/03/11 Analyzed: 01/04/11						
Acetone	ND	10	µg/L							
Acrylonitrile	ND	2.0	µg/L							
Benzene	ND	0.50	µg/L							
Bromobenzene	ND	0.50	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	0.50	µg/L							
2-Butanone (MEK)	ND	5.0	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	10	µg/L							
Carbon Tetrachloride	ND	0.50	µg/L							
Chlorobenzene	ND	0.50	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	0.50	µg/L							
Chloroform	ND	0.50	µg/L							
Chloromethane	ND	1.0	µg/L							
2-Chlorotoluene	ND	0.50	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L							
1,2-Dibromoethane (EDB)	ND	1.0	µg/L							
Dibromomethane	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	0.50	µg/L							
1,3-Dichlorobenzene	ND	0.50	µg/L							
1,4-Dichlorobenzene	ND	0.50	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L							
1,1-Dichloroethane	ND	0.50	µg/L							
1,2-Dichloroethane	ND	0.50	µg/L							
1,1-Dichloroethylene	ND	0.50	µg/L							
cis-1,2-Dichloroethylene	ND	0.50	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	0.50	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	0.50	µg/L							
1,1-Dichloropropene	ND	0.50	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	0.50	µg/L							
Hexachlorobutadiene	ND	0.40	µg/L							
2-Hexanone (MBK)	ND	20	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	2.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L							
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024411 - SW-846 5030B										
Blank (B024411-BLK1)				Prepared: 01/03/11 Analyzed: 01/04/11						
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	0.50	µg/L							
1,2,4-Trichlorobenzene	ND	0.50	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	0.50	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	1.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L							
1,2,4-Trimethylbenzene	ND	0.50	µg/L							
1,3,5-Trimethylbenzene	ND	2.0	µg/L							
Vinyl Chloride	ND	1.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*26.4*		µg/L	25.0		105	70-130			
Surrogate: Toluene-d8	*23.9*		µg/L	25.0		95.5	70-130			
Surrogate: 4-Bromofluorobenzene	*24.1*		µg/L	25.0		96.6	70-130			
LCS (B024411-BS1)				Prepared: 01/03/11 Analyzed: 01/04/11						
Acetone	112	10	µg/L	100		112	70-130			
Acrylonitrile	11.3	2.0	µg/L	10.0		113	70-130			
Benzene	11.6	0.50	µg/L	10.0		116	70-130			
Bromobenzene	10.4	0.50	µg/L	10.0		104	70-130			
Bromodichloromethane	9.03	0.50	µg/L	10.0		90.3	70-130			
Bromoform	10.6	1.0	µg/L	10.0		106	70-130			
Bromomethane	9.91	0.50	µg/L	10.0		99.1	70-130			
2-Butanone (MEK)	122	5.0	µg/L	100		122	70-130			
n-Butylbenzene	11.4	1.0	µg/L	10.0		114	70-130			
sec-Butylbenzene	12.1	1.0	µg/L	10.0		121	70-130			
tert-Butylbenzene	11.8	1.0	µg/L	10.0		118	70-130			
Carbon Disulfide	105	10	µg/L	100		105	70-130			
Carbon Tetrachloride	12.4	0.50	µg/L	10.0		124	70-130			
Chlorobenzene	11.0	0.50	µg/L	10.0		110	70-130			
Chlorodibromomethane	8.93	0.50	µg/L	10.0		89.3	70-130			
Chloroethane	10.2	0.50	µg/L	10.0		102	70-130			
Chloroform	11.6	0.50	µg/L	10.0		116	70-130			
Chloromethane	8.97	1.0	µg/L	10.0		89.7	70-130			
2-Chlorotoluene	10.7	0.50	µg/L	10.0		107	70-130			
4-Chlorotoluene	9.71	1.0	µg/L	10.0		97.1	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	9.48	1.0	µg/L	10.0		94.8	70-130			
1,2-Dibromoethane (EDB)	10.3	1.0	µg/L	10.0		103	70-130			
Dibromomethane	10.3	0.50	µg/L	10.0		103	70-130			
1,2-Dichlorobenzene	11.0	0.50	µg/L	10.0		110	70-130			
1,3-Dichlorobenzene	11.3	0.50	µg/L	10.0		113	70-130			
1,4-Dichlorobenzene	10.9	0.50	µg/L	10.0		109	70-130			
trans-1,4-Dichloro-2-butene	9.25	2.0	µg/L	10.0		92.5	70-130			
Dichlorodifluoromethane (Freon 12)	7.91	0.50	µg/L	10.0		79.1	70-130			
1,1-Dichloroethane	11.0	0.50	µg/L	10.0		110	70-130			
1,2-Dichloroethane	10.0	0.50	µg/L	10.0		100	70-130			
1,1-Dichloroethylene	11.6	0.50	µg/L	10.0		116	70-130			

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024411 - SW-846 5030B										
LCS (B024411-BS1)				Prepared: 01/03/11 Analyzed: 01/04/11						
cis-1,2-Dichloroethylene	11.3	0.50	µg/L	10.0		113	70-130			
trans-1,2-Dichloroethylene	11.0	1.0	µg/L	10.0		110	70-130			
1,2-Dichloropropane	10.6	0.50	µg/L	10.0		106	70-130			
1,3-Dichloropropane	10.2	0.50	µg/L	10.0		102	70-130			
2,2-Dichloropropane	9.43	0.50	µg/L	10.0		94.3	70-130			
1,1-Dichloropropene	11.5	0.50	µg/L	10.0		115	70-130			
cis-1,3-Dichloropropene	8.91	0.50	µg/L	10.0		89.1	70-130			
trans-1,3-Dichloropropene	8.80	0.50	µg/L	10.0		88.0	70-130			
Ethylbenzene	10.8	0.50	µg/L	10.0		108	70-130			
Hexachlorobutadiene	10.2	0.40	µg/L	10.0		102	70-130			
2-Hexanone (MBK)	98.0	20	µg/L	100		98.0	70-130			
Isopropylbenzene (Cumene)	10.2	1.0	µg/L	10.0		102	70-130			
p-Isopropyltoluene (p-Cymene)	11.2	0.50	µg/L	10.0		112	70-130			
Methyl tert-Butyl Ether (MTBE)	10.0	0.50	µg/L	10.0		100	70-130			
Methylene Chloride	12.3	5.0	µg/L	10.0		123	70-130			
4-Methyl-2-pentanone (MIBK)	105	10	µg/L	100		105	70-130			
Naphthalene	11.0	2.0	µg/L	10.0		110	70-130			
n-Propylbenzene	10.8	1.0	µg/L	10.0		108	70-130			
Styrene	10.2	2.0	µg/L	10.0		102	70-130			
1,1,1,2-Tetrachloroethane	9.61	0.50	µg/L	10.0		96.1	70-130			
1,1,2,2-Tetrachloroethane	10.5	1.0	µg/L	10.0		105	70-130			
Tetrachloroethylene	9.64	1.0	µg/L	10.0		96.4	70-130			
Tetrahydrofuran	11.3	10	µg/L	10.0		113	70-130			
Toluene	10.5	1.0	µg/L	10.0		105	70-130			
1,2,3-Trichlorobenzene	10.5	0.50	µg/L	10.0		105	70-130			
1,2,4-Trichlorobenzene	10.2	0.50	µg/L	10.0		102	70-130			
1,1,1-Trichloroethane	10.6	1.0	µg/L	10.0		106	70-130			
1,1,2-Trichloroethane	10.7	0.50	µg/L	10.0		107	70-130			
Trichloroethylene	10.6	1.0	µg/L	10.0		106	70-130			
Trichlorofluoromethane (Freon 11)	10.4	2.0	µg/L	10.0		104	70-130			
1,2,3-Trichloropropane	10.5	1.0	µg/L	10.0		105	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3	0.50	µg/L	10.0		103	70-130			
1,2,4-Trimethylbenzene	11.8	0.50	µg/L	10.0		118	70-130			
1,3,5-Trimethylbenzene	9.68	2.0	µg/L	10.0		96.8	70-130			
Vinyl Chloride	9.69	1.0	µg/L	10.0		96.9	70-130			
m+p Xylene	20.5	2.0	µg/L	20.0		102	70-130			
o-Xylene	9.98	1.0	µg/L	10.0		99.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	*25.6*		µg/L	25.0		102	70-130			
Surrogate: Toluene-d8	*24.8*		µg/L	25.0		99.1	70-130			
Surrogate: 4-Bromofluorobenzene	*25.3*		µg/L	25.0		101	70-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024456 - SW-846 3510C										
Blank (B024456-BLK1)				Prepared: 01/04/11 Analyzed: 01/05/11						
Acenaphthene	ND	0.30	µg/L							
Acenaphthylene	ND	0.30	µg/L							
Anthracene	ND	0.20	µg/L							
Benzo(a)anthracene	ND	0.050	µg/L							
Benzo(a)pyrene	ND	0.10	µg/L							
Benzo(b)fluoranthene	ND	0.050	µg/L							
Benzo(g,h,i)perylene	ND	0.50	µg/L							
Benzo(k)fluoranthene	ND	0.20	µg/L							
Chrysene	ND	0.20	µg/L							
Dibenz(a,h)anthracene	ND	0.20	µg/L							
Fluoranthene	ND	0.50	µg/L							
Fluorene	ND	1.0	µg/L							
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L							
2-Methylnaphthalene	ND	1.0	µg/L							
Naphthalene	ND	1.0	µg/L							
Phenanthrene	ND	0.050	µg/L							
Pyrene	ND	1.0	µg/L							
Surrogate: Nitrobenzene-d5	*78.4*		µg/L	100		78.4	30-130			
Surrogate: 2-Fluorobiphenyl	*94.9*		µg/L	100		94.9	30-130			
Surrogate: Terphenyl-d14	*101*		µg/L	100		101	30-130			
LCS (B024456-BS1)				Prepared: 01/04/11 Analyzed: 01/05/11						
Acenaphthene	73.5	0.30	µg/L	100		73.5	40-140			
Acenaphthylene	72.1	0.30	µg/L	100		72.1	40-140			
Anthracene	76.1	0.20	µg/L	100		76.1	40-140			
Benzo(a)anthracene	69.9	0.050	µg/L	100		69.9	40-140			
Benzo(a)pyrene	77.8	0.10	µg/L	100		77.8	40-140			
Benzo(b)fluoranthene	87.4	0.050	µg/L	100		87.4	40-140			
Benzo(g,h,i)perylene	92.3	0.50	µg/L	100		92.3	40-140			
Benzo(k)fluoranthene	63.7	0.20	µg/L	100		63.7	40-140			
Chrysene	71.9	0.20	µg/L	100		71.9	40-140			
Dibenz(a,h)anthracene	104	0.20	µg/L	100		104	40-140			
Fluoranthene	72.8	0.50	µg/L	100		72.8	40-140			
Fluorene	74.0	1.0	µg/L	100		74.0	40-140			
Indeno(1,2,3-cd)pyrene	109	0.20	µg/L	100		109	40-140			
2-Methylnaphthalene	102	1.0	µg/L	100		102	40-140			
Naphthalene	73.0	1.0	µg/L	100		73.0	40-140			
Phenanthrene	75.3	0.050	µg/L	100		75.3	40-140			
Pyrene	66.9	1.0	µg/L	100		66.9	40-140			
Surrogate: Nitrobenzene-d5	*73.7*		µg/L	100		73.7	30-130			
Surrogate: 2-Fluorobiphenyl	*88.5*		µg/L	100		88.5	30-130			
Surrogate: Terphenyl-d14	*85.2*		µg/L	100		85.2	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024456 - SW-846 3510C										
LCS Dup (B024456-BSD1)				Prepared: 01/04/11 Analyzed: 01/05/11						
Acenaphthene	81.2	0.30	µg/L	100		81.2	40-140	9.88	20	
Acenaphthylene	78.0	0.30	µg/L	100		78.0	40-140	7.97	20	
Anthracene	81.7	0.20	µg/L	100		81.7	40-140	7.01	20	
Benzo(a)anthracene	76.0	0.050	µg/L	100		76.0	40-140	8.31	50	
Benzo(a)pyrene	83.2	0.10	µg/L	100		83.2	40-140	6.80	20	
Benzo(b)fluoranthene	95.4	0.050	µg/L	100		95.4	40-140	8.70	20	
Benzo(g,h,i)perylene	96.2	0.50	µg/L	100		96.2	40-140	4.17	20	
Benzo(k)fluoranthene	67.6	0.20	µg/L	100		67.6	40-140	5.89	20	
Chrysene	78.0	0.20	µg/L	100		78.0	40-140	8.16	20	
Dibenz(a,h)anthracene	111	0.20	µg/L	100		111	40-140	7.18	20	
Fluoranthene	77.8	0.50	µg/L	100		77.8	40-140	6.77	20	
Fluorene	80.1	1.0	µg/L	100		80.1	40-140	7.91	20	
Indeno(1,2,3-cd)pyrene	117	0.20	µg/L	100		117	40-140	7.51	50	‡
2-Methylnaphthalene	108	1.0	µg/L	100		108	40-140	5.83	20	
Naphthalene	77.1	1.0	µg/L	100		77.1	40-140	5.42	20	
Phenanthrene	81.1	0.050	µg/L	100		81.1	40-140	7.45	20	
Pyrene	71.0	1.0	µg/L	100		71.0	40-140	5.91	20	
Surrogate: Nitrobenzene-d5	*80.9*		µg/L	100		80.9	30-130			
Surrogate: 2-Fluorobiphenyl	*99.0*		µg/L	100		99.0	30-130			
Surrogate: Terphenyl-d14	*94.9*		µg/L	100		94.9	30-130			

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024402 - SW-846 3510C										
Blank (B024402-BLK1)				Prepared: 01/03/11 Analyzed: 01/04/11						
Aroclor-1016	ND	0.20	µg/L							
Aroclor-1016 [2C]	ND	0.20	µg/L							
Aroclor-1221	ND	0.20	µg/L							
Aroclor-1221 [2C]	ND	0.20	µg/L							
Aroclor-1232	ND	0.20	µg/L							
Aroclor-1232 [2C]	ND	0.20	µg/L							
Aroclor-1242	ND	0.20	µg/L							
Aroclor-1242 [2C]	ND	0.20	µg/L							
Aroclor-1248	ND	0.20	µg/L							
Aroclor-1248 [2C]	ND	0.20	µg/L							
Aroclor-1254	ND	0.20	µg/L							
Aroclor-1254 [2C]	ND	0.20	µg/L							
Aroclor-1260	ND	0.20	µg/L							
Aroclor-1260 [2C]	ND	0.20	µg/L							
Aroclor-1262	ND	0.20	µg/L							
Aroclor-1262 [2C]	ND	0.20	µg/L							
Aroclor-1268	ND	0.20	µg/L							
Aroclor-1268 [2C]	ND	0.20	µg/L							
Surrogate: Decachlorobiphenyl	*2.06*		µg/L	2.00		103	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.82*		µg/L	2.00		90.9	30-150			
Surrogate: Tetrachloro-m-xylene	*2.08*		µg/L	2.00		104	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*2.06*		µg/L	2.00		103	30-150			
LCS (B024402-BS1)				Prepared: 01/03/11 Analyzed: 01/04/11						
Aroclor-1016	0.54	0.20	µg/L	0.500		108	40-140			
Aroclor-1016 [2C]	0.57	0.20	µg/L	0.500		113	40-140			
Aroclor-1260	0.55	0.20	µg/L	0.500		110	40-140			
Aroclor-1260 [2C]	0.55	0.20	µg/L	0.500		111	40-140			
Surrogate: Decachlorobiphenyl	*2.28*		µg/L	2.00		114	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.99*		µg/L	2.00		99.5	30-150			
Surrogate: Tetrachloro-m-xylene	*2.21*		µg/L	2.00		110	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*2.14*		µg/L	2.00		107	30-150			
LCS Dup (B024402-BSD1)				Prepared: 01/03/11 Analyzed: 01/04/11						
Aroclor-1016	0.46	0.20	µg/L	0.500		91.2	40-140	16.6	20	
Aroclor-1016 [2C]	0.49	0.20	µg/L	0.500		97.4	40-140	14.9	20	
Aroclor-1260	0.46	0.20	µg/L	0.500		91.3	40-140	18.4	20	
Aroclor-1260 [2C]	0.47	0.20	µg/L	0.500		93.1	40-140	17.5	20	
Surrogate: Decachlorobiphenyl	*1.84*		µg/L	2.00		92.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.63*		µg/L	2.00		81.3	30-150			
Surrogate: Tetrachloro-m-xylene	*1.82*		µg/L	2.00		90.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.78*		µg/L	2.00		89.2	30-150			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024403 - SW-846 3510C										
Blank (B024403-BLK1)				Prepared: 01/03/11 Analyzed: 01/04/11						
CT ETPH	ND	0.075	mg/L							
Surrogate: o-Terphenyl	*0.0920*		mg/L	0.100		92.0	50-150			
LCS (B024403-BS1)				Prepared: 01/03/11 Analyzed: 01/04/11						
CT ETPH	0.927	0.075	mg/L	1.00		92.7	60-120			
Surrogate: o-Terphenyl	*0.100*		mg/L	0.100		100	50-150			
LCS Dup (B024403-BSD1)				Prepared: 01/03/11 Analyzed: 01/04/11						
CT ETPH	0.936	0.075	mg/L	1.00		93.6	60-120	1.01	30	
Surrogate: o-Terphenyl	*0.0974*		mg/L	0.100		97.4	50-150			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024394 - SW-846 7470A Prep										
Blank (B024394-BLK1)				Prepared & Analyzed: 01/03/11						
Mercury	ND	0.00010	mg/L							
LCS (B024394-BS1)				Prepared & Analyzed: 01/03/11						
Mercury	0.00201	0.00010	mg/L	0.00200		100	80-120			
LCS Dup (B024394-BSD1)				Prepared & Analyzed: 01/03/11						
Mercury	0.00202	0.00010	mg/L	0.00200		101	80-120	0.698	20	
Batch B024405 - SW-846 3005A										
Blank (B024405-BLK1)				Prepared: 01/03/11 Analyzed: 01/08/11						
Antimony	ND	5.0	µg/L							
Arsenic	ND	2.0	µg/L							
Barium	ND	50	µg/L							
Beryllium	ND	2.0	µg/L							
Cadmium	ND	2.5	µg/L							
Chromium	ND	5.0	µg/L							
Copper	ND	25	µg/L							
Lead	ND	5.0	µg/L							
Nickel	ND	25	µg/L							
Selenium	ND	25	µg/L							
Silver	ND	2.5	µg/L							
Thallium	ND	1.0	µg/L							
Vanadium	ND	25	µg/L							
Zinc	ND	50	µg/L							
LCS (B024405-BS1)				Prepared: 01/03/11 Analyzed: 01/08/11						
Antimony	275	5.0	µg/L	250		110	80-120			
Arsenic	272	2.0	µg/L	250		109	80-120			
Barium	270	50	µg/L	250		108	80-120			
Beryllium	269	2.0	µg/L	250		108	80-120			
Cadmium	264	2.5	µg/L	250		106	80-120			
Chromium	258	5.0	µg/L	250		103	80-120			
Copper	265	25	µg/L	250		106	80-120			
Lead	273	5.0	µg/L	250		109	80-120			
Nickel	263	25	µg/L	250		105	80-120			
Selenium	242	25	µg/L	250		96.6	80-120			
Silver	289	2.5	µg/L	250		115	80-120			
Thallium	251	1.0	µg/L	250		101	80-120			
Vanadium	249	25	µg/L	250		99.6	80-120			
Zinc	269	50	µg/L	250		108	80-120			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B024405 - SW-846 3005A											
LCS Dup (B024405-BSD1)				Prepared: 01/03/11 Analyzed: 01/08/11							
Antimony	293	5.0	µg/L	250		117		80-120	6.43	20	
Arsenic	290	2.0	µg/L	250		116		80-120	6.47	20	
Barium	288	50	µg/L	250		115		80-120	6.62	20	
Beryllium	283	2.0	µg/L	250		113		80-120	5.08	20	
Cadmium	285	2.5	µg/L	250		114		80-120	7.72	20	
Chromium	283	5.0	µg/L	250		113		80-120	9.44	20	
Copper	281	25	µg/L	250		113		80-120	5.95	20	
Lead	293	5.0	µg/L	250		117		80-120	7.21	20	
Nickel	283	25	µg/L	250		113		80-120	7.60	20	
Selenium	263	25	µg/L	250		105		80-120	8.48	20	
Silver	306	2.5	µg/L	250		**122**	*	80-120	5.73	20	L-07
Thallium	269	1.0	µg/L	250		107		80-120	6.68	20	
Vanadium	275	25	µg/L	250		110		80-120	10.0	20	
Zinc	289	50	µg/L	250		115		80-120	6.85	20	

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024531 - SW846 9014										
Blank (B024531-BLK1)				Prepared & Analyzed: 01/05/11						
Cyanide	ND	0.010	mg/L							
LCS (B024531-BS1)				Prepared & Analyzed: 01/05/11						
Cyanide	0.66	0.010	mg/L	0.676		97.9	80-120			
LCS Dup (B024531-BSD1)				Prepared & Analyzed: 01/05/11						
Cyanide	0.63	0.010	mg/L	0.676		92.7	80-120	5.47	20	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Water	
CT ETPH	CT
SW-846 6020A in Water	
Antimony	CT,NH,NY,RI,NC
Arsenic	CT,NH,NY,RI,NC
Barium	CT,NH,NY,RI,NC
Beryllium	CT,NH,NY,RI,NC
Cadmium	CT,NH,NY,RI,NC
Chromium	CT,NH,NY,RI,NC
Copper	CT,NH,NY,RI,NC
Lead	CT,NH,NY,RI,NC
Nickel	CT,NH,NY,RI,NC
Selenium	CT,NH,NY,RI,NC
Silver	CT,NH,NY,RI,NC
Thallium	CT,NH,NY,RI,NC
Vanadium	CT,NC,NH,NY,RI
Zinc	CT,NH,NY,RI,NC
SW-846 7470A in Water	
Mercury	CT,NH,NY,RI,NC
SW-846 8082 in Water	
Aroclor-1016	CT,NH,NY,RI,NC
Aroclor-1016 [2C]	CT,NH,NY,RI,NC
Aroclor-1221	CT,NH,NY,RI,NC
Aroclor-1221 [2C]	CT,NH,NY,RI,NC
Aroclor-1232	CT,NH,NY,RI,NC
Aroclor-1232 [2C]	CT,NH,NY,RI,NC
Aroclor-1242	CT,NH,NY,RI,NC
Aroclor-1242 [2C]	CT,NH,NY,RI,NC
Aroclor-1248	CT,NH,NY,RI,NC
Aroclor-1248 [2C]	CT,NH,NY,RI,NC
Aroclor-1254	CT,NH,NY,RI,NC
Aroclor-1254 [2C]	CT,NH,NY,RI,NC
Aroclor-1260	CT,NH,NY,RI,NC
Aroclor-1260 [2C]	CT,NH,NY,RI,NC
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260B in Water	
Acetone	CT,NH,NY,NC
Acrylonitrile	CT,NY,NC,RI
Benzene	CT,NH,NY,NC,RI
Bromobenzene	NC
Bromodichloromethane	CT,NH,NY,NC,RI
Bromoform	CT,NH,NY,NC,RI
Bromomethane	CT,NH,NY,NC,RI

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Water	
2-Butanone (MEK)	CT,NH,NY,NC
n-Butylbenzene	NY,NC
sec-Butylbenzene	NY,NC
tert-Butylbenzene	NY,NC
Carbon Disulfide	CT,NH,NY,NC
Carbon Tetrachloride	CT,NH,NY,NC,RI
Chlorobenzene	CT,NH,NY,NC,RI
Chlorodibromomethane	CT,NH,NY,NC,RI
Chloroethane	CT,NH,NY,NC,RI
Chloroform	CT,NH,NY,NC,RI
Chloromethane	CT,NH,NY,NC,RI
2-Chlorotoluene	NY,NC
4-Chlorotoluene	NY,NC
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC
Dibromomethane	NH,NY,NC
1,2-Dichlorobenzene	CT,NY,NC,RI
1,3-Dichlorobenzene	CT,NH,NY,NC,RI
1,4-Dichlorobenzene	CT,NH,NY,NC,RI
trans-1,4-Dichloro-2-butene	NH,NY,NC
Dichlorodifluoromethane (Freon 12)	NH,NY,NC,RI
1,1-Dichloroethane	CT,NH,NY,NC,RI
1,2-Dichloroethane	CT,NH,NY,NC,RI
1,1-Dichloroethylene	CT,NH,NY,NC,RI
cis-1,2-Dichloroethylene	NC
trans-1,2-Dichloroethylene	CT,NH,NY,NC,RI
1,2-Dichloropropane	CT,NH,NY,NC,RI
1,3-Dichloropropane	NY,NC
2,2-Dichloropropane	NH,NY,NC
1,1-Dichloropropene	NH,NY,NC
cis-1,3-Dichloropropene	CT,NH,NY,NC,RI
trans-1,3-Dichloropropene	CT,NH,NY,NC,RI
Ethylbenzene	CT,NH,NY,NC,RI
Hexachlorobutadiene	CT,NH,NY,NC
2-Hexanone (MBK)	CT,NH,NY,NC
Isopropylbenzene (Cumene)	NY,NC
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,NC
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,NC
Methylene Chloride	CT,NH,NY,NC,RI
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC
Naphthalene	NH,NY,NC
n-Propylbenzene	CT,NH,NY,NC
Styrene	CT,NH,NY,NC
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC,RI
Tetrachloroethylene	CT,NH,NY,NC,RI
Tetrahydrofuran	NC

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Water	
Toluene	CT,NH,NY,NC,RI
1,2,3-Trichlorobenzene	NH,NY,NC
1,2,4-Trichlorobenzene	CT,NH,NY,NC
1,1,1-Trichloroethane	CT,NH,NY,NC,RI
1,1,2-Trichloroethane	CT,NH,NY,NC,RI
Trichloroethylene	CT,NH,NY,NC,RI
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC,RI
1,2,3-Trichloropropane	NH,NY,NC
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC
1,2,4-Trimethylbenzene	NY,NC
1,3,5-Trimethylbenzene	NY,NC
Vinyl Chloride	CT,NH,NY,NC,RI
m+p Xylene	CT,NH,NY,NC,RI
o-Xylene	CT,NH,NY,NC,RI
SW-846 8270C in Water	
Acenaphthene	NY,CT,NH
Acenaphthylene	NY,CT,NH
Anthracene	NY,CT,NH
Benzo(a)anthracene	NY,CT,NH
Benzo(a)pyrene	NY,CT,NH
Benzo(b)fluoranthene	NY,CT,NH
Benzo(g,h,i)perylene	NY,CT,NH
Benzo(k)fluoranthene	NY,CT,NH
Chrysene	NY,CT,NH
Dibenz(a,h)anthracene	NY,CT,NH
Fluoranthene	NY,CT,NH
Fluorene	NY,CT,NH
Indeno(1,2,3-cd)pyrene	NY,CT,NH
Naphthalene	NY,CT,NH
Phenanthrene	NY,CT,NH
Pyrene	NY,CT,NH
SW846 9014 in Water	
Cyanide	NY,CT,NH,RI,NC

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

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

XW81

CHAIN OF CUSTODY RECORD

10L0811

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

Company Name: AKRF, INC
Address: 700 MAIN STREET, SUITE C
WILLIMANTIC, CT 06226
Attention: GLEN STEFANIAK
Project Location: 6 RUBBER AVENUE, NAUGATUCK, CT
Sampled By: GLEN STEFANIAK

Telephone: 860/423-7127
Project # 91065
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ⊘ EMAIL ○ WEBSITE
Fax #
Email: gstefaniak@akrf.com
Format: ⊘ PDF ⊘ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	*** Container Code	VOCs	PAHs	Total RSR 15 Metals	Total CN	PCBs	ETPH
-01	GDC-MW-101	12-28-10	13:35		X	GW	U	3	H	V	X	X	X	X	X	X
-02	GDC-MW-103	↓	15:12		↓	↓	↓	2	I	A	↓	↓	↓	↓	↓	↓
-03	GDC-MW-105	↓	17:07		↓	↓	↓	2	I	A	↓	↓	↓	↓	↓	↓
-04	GDC-MW-107	12-29-10	09:50		↓	↓	↓	2	I	A	↓	↓	↓	↓	↓	↓
-05	GDC-MW-106	↓	10:55		↓	↓	↓	2	I	A	↓	↓	↓	↓	↓	↓
-06	GDC-MW-111	↓	13:37		↓	↓	↓	2	I	A	↓	↓	↓	↓	↓	↓
-07	GDC-MW-5	↓	14:38		↓	↓	↓	2	I	A	↓	↓	↓	↓	↓	↓
-08	GDC-MW-109	↓	15:51		↓	↓	↓	2	I	A	↓	↓	↓	↓	↓	↓
-09	GDC-MW-104	↓	11:52		X	↓	↓	2	I	A	↓	↓	↓	↓	↓	↓

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other _____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other _____

Comments:

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 12-29-10 / 1400
Received by: (signature)	Date/Time: 12/29/10 1400
Relinquished by: (signature)	Date/Time: 12/29/10 1803
Received by: (signature)	Date/Time: 12/29/10 1808

Turnaround ††
☑ 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: SWPC, RVC
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
⊘ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH NELAC — ACCREDITED LABORATORY AIHA
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist

39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

CLIENT NAME: AKRF, Inc. RECEIVED BY: CB DATE: 12/29/10

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No

2) **Does the chain agree with the samples?** (Yes) No
If not, explain:

3) **Are all the samples in good condition?** (Yes) No
If not, explain:

4) **How were the samples received:**
On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 2.8 °C

5) **Are there Dissolved samples for the lab to filter?** Yes (No)
Who was notified _____ Date _____ Time _____

6) **Are there any samples "On Hold"?** Yes (No) Stored where: _____

7) **Are there any RUSH or SHORT HOLDING TIME samples?** Yes (No)
Who was notified _____ Date _____ Time _____

8) **Location where samples are stored:** 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature:

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber	36	8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic	9	Plastic Bag / Ziploc	
250 mL plastic	9	Air Cassette	
40 mL Vial - type listed below	27	SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
Flashpoint bottle		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments:

40 mL vials: # HCl 27 # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Do all samples have the proper Acid pH: Yes (No) N/A nitric preserved for GDC-MW-106 and GDC-MW-107 have proper Acid pH

Do all samples have the proper Base pH: (Yes) No N/A

CT ETPH DISCRIMINATION CHECK

Date Acquired	1/4/11
Data File Name	A0104006.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.30	385253	402486	-4
c - 10	1.67	397869	402486	-1
c - 12	2.42	411799	402486	2
c - 14	3.10	424623	402486	6
c - 16	3.71	432483	402486	7
c - 18	4.36	434292	402486	8
o-Terphenyl	4.65	480714	402486	
c - 20	4.95	423482	402486	5
c - 22	5.45	405067	402486	1
c - 24	5.89	408735	402486	2
c - 26	6.29	401385	402486	0
c - 28	6.65	395756	402486	-2
c - 30	6.99	391580	402486	-3
c - 32	7.30	384605	402486	-4
c - 34	7.60	375686	402486	-7
c - 36	7.98	364668	402486	-9

* One compound allowed %D </= 50%

Samples

10L0811-04
10L0811-05
10L0811-06
10L0811-07
10L0811-08
10L0811-09
11A0002-01
11A0002-02
11A0002-03
11A0002-05
11A0002-06

CT ETPH DISCRIMINATION CHECK

Date Acquired	1/4/11
Data File Name	A0104007.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.07	285523	299264	-5
c - 10	1.42	294528	299264	-2
c - 12	2.14	304542	299264	2
c - 14	2.80	313085	299264	5
c - 16	3.39	319431	299264	7
c - 18	3.96	322673	299264	8
o-Terphenyl	4.23	356579	299264	
c - 20	4.58	318102	299264	6
c - 22	5.09	307101	299264	3
c - 24	5.54	311350	299264	4
c - 26	5.93	305932	299264	2
c - 28	6.29	298904	299264	0
c - 30	6.62	290332	299264	-3
c - 32	6.93	281072	299264	-6
c - 34	7.23	272089	299264	-9
c - 36	7.50	264302	299264	-12

* One compound allowed %D </= 50%

Samples

11A0002-04
10L0771-02
10L0771-05
10L0811-01
10L0811-02
10L0811-03

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: AKRF - WILLIMANTIC, CT

Project Location: 6 Rubber Avenue, Naugatuck, CT

Project Number: 10L0811

Laboratory Sample ID(s):

10L0811-01 thru 10L0811-09

Sample Date(s):

12/28/2010,
12/29/2010

List RCP Methods Used:

CTDEP ETPH, SW-846 6020A, SW-846 7470A, SW-846 8082, SW-846 8260B, SW-846 8270C, SW846 9014

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ 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)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐ Yes ☑ No

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: Michael A. Erickson **Date:** 01/10/11

Name of Laboratory: Con-Test Analytical Laboratory

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

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

January 10, 2011

Glen Stefaniak
AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226

Project Location: 6 Rubber Ave., Naugatuck, CT
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 11A0002

Enclosed are results of analyses for samples received by the laboratory on December 30, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Susan M. Burney
Project Manager

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

AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226
ATTN: Glen Stefaniak

REPORT DATE: 1/10/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11A0002

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

PROJECT LOCATION: 6 Rubber Ave., Naugatuck, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GDC-MW-102	11A0002-01	Ground Water		CTDEP ETPH	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW846 9014	
GDC-MW-102B	11A0002-02	Ground Water		CTDEP ETPH	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW846 9014	
GDC-MW-2	11A0002-03	Ground Water		CTDEP ETPH	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW846 9014	
GDC-MW-108	11A0002-04	Ground Water		CTDEP ETPH	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW846 9014	
GDC-MW-110	11A0002-05	Ground Water		CTDEP ETPH	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW846 9014	

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AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226
ATTN: Glen Stefaniak

REPORT DATE: 1/10/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11A0002

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

PROJECT LOCATION: 6 Rubber Ave., Naugatuck, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GDC-MW-112	11A0002-06	Ground Water		CTDEP ETPH	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW846 9014	

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CASE NARRATIVE SUMMARY

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

For method 8270, only PAHs were requested and reported.

SW-846 6020A

Qualifications:

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

Analyte & Samples(s) Qualified:

Silver

B024405-BSD1

SW-846 8260B

Qualifications:

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

Analyte & Samples(s) Qualified:

Bromomethane, Dichlorodifluoromethane (Freon 12), Tetrahydrofuran

11A0002-03[GDC-MW-2], B024463-BLK1, B024463-BS1, 11A0002-01[GDC-MW-102], 11A0002-02[GDC-MW-102B], 11A0002-04[GDC-MW-108], 11A0002-05[GDC-MW-110], 11A0002-06[GDC-MW-112], B024417-BLK1, B024417-BS1, B024417-MS1, B024417-MSD1

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

Analyte & Samples(s) Qualified:

2-Butanone (MEK), Acetone

B024417-BS1

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

Analyte & Samples(s) Qualified:

Bromomethane

11A0002-04[GDC-MW-108], B024417-MS1, B024417-MSD1

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

Analyte & Samples(s) Qualified:

Dichlorodifluoromethane (Freon 12)

11A0002-04[GDC-MW-108], B024417-MS1, B024417-MSD1

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

Analyte & Samples(s) Qualified:

Acetone, Tetrahydrofuran

B024417-MS1, B024417-MSD1

Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

Analyte & Samples(s) Qualified:

Methylene Chloride

B024417-MSD1

Elevated reporting limit due to high concentration of non-target compounds. Requested detection limit not met.

Analyte & Samples(s) Qualified:

11A0002-06[GDC-MW-112]

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

Analyte & Samples(s) Qualified:

Bromomethane, Dichlorodifluoromethane (Freon 12)

11A0002-03[GDC-MW-2], B024463-BLK1, B024463-BS1, 11A0002-01[GDC-MW-102], 11A0002-02[GDC-MW-102B], 11A0002-04[GDC-MW-108], 11A0002-05[GDC-MW-110], 11A0002-06[GDC-MW-112], B024417-BLK1, B024417-BS1, B024417-MS1, B024417-MSD1

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

Analyte & Samples(s) Qualified:

2-Butanone (MEK), Acetone, Tetrahydrofuran

B024417-BS1

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

Analyte & Samples(s) Qualified:

2-Butanone (MEK), Bromomethane

B024463-BS1, B024417-BS1

SW-846 8260B

All water reporting limits specified on the chain-of-custody were met except for Acrylonitrile, where the most protective criteria are not met since the laboratory cannot achieve the required RCP calibration criteria at these levels, unless otherwise listed in this narrative.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-102 | Sampled: 12/30/2010 08:48

Sample ID: 11A0002-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
Benzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
Bromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
Carbon Tetrachloride	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
Chloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
Chloroform	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
Chloromethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1	L-03, V-05	SW-846 8260B	1/3/11	1/3/11 20:00	TJR
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-102 | Sampled: 12/30/2010 08:48

Sample ID: 11A0002-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
Tetrahydrofuran	ND	10	µg/L	1	L-03	SW-846 8260B	1/3/11	1/3/11 20:00	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:00	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	103	70-130		1/3/11 20:00
Toluene-d8	104	70-130		1/3/11 20:00
4-Bromofluorobenzene	98.3	70-130		1/3/11 20:00

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-102 | Sampled: 12/30/2010 08:48

Sample ID: 11A0002-01

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.30	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:47	BGL
Acenaphthylene	ND	0.30	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:47	BGL
Anthracene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:47	BGL
Benzo(a)anthracene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:47	BGL
Benzo(a)pyrene	ND	0.10	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:47	BGL
Benzo(b)fluoranthene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:47	BGL
Benzo(g,h,i)perylene	ND	0.50	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:47	BGL
Benzo(k)fluoranthene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:47	BGL
Chrysene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:47	BGL
Dibenz(a,h)anthracene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:47	BGL
Fluoranthene	ND	0.50	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:47	BGL
Fluorene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:47	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:47	BGL
2-Methylnaphthalene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:47	BGL
Naphthalene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:47	BGL
Phenanthrene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:47	BGL
Pyrene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/5/11 23:47	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	64.5	30-130		1/5/11 23:47
2-Fluorobiphenyl	80.7	30-130		1/5/11 23:47
Terphenyl-d14	48.9	30-130		1/5/11 23:47

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-102 | Sampled: 12/30/2010 08:48

Sample ID: 11A0002-01

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:07	JMB
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:07	JMB
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:07	JMB
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:07	JMB
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:07	JMB
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:07	JMB
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:07	JMB
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:07	JMB
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:07	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	71.2	30-150		1/4/11 12:07
Decachlorobiphenyl [2]	63.1	30-150		1/4/11 12:07
Tetrachloro-m-xylene [1]	76.2	30-150		1/4/11 12:07
Tetrachloro-m-xylene [2]	74.7	30-150		1/4/11 12:07

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

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-102 Sampled: 12/30/2010 08:48

Sample ID: 11A0002-01

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.075	mg/L	1		CTDEP ETPH	1/3/11	1/4/11 8:42	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	91.5	50-150				1/4/11 8:42	

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

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-102 Sampled: 12/30/2010 08:48

Sample ID: 11A0002-01

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:00	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:00	KSH
Barium	ND	50	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:00	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:00	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:00	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:00	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:00	KSH
Lead	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:00	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	1/3/11	1/3/11 13:26	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:00	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:00	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:00	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:00	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:00	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:00	KSH

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-102 | Sampled: 12/30/2010 08:48

Sample ID: 11A0002-01

Sample Matrix: Ground Water

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1		SW846 9014	1/5/11	1/5/11 12:20	VAK

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-102B | Sampled: 12/30/2010 08:59

Sample ID: 11A0002-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
Benzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
Bromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
Carbon Tetrachloride	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
Chloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
Chloroform	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
Chloromethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1	L-03, V-05	SW-846 8260B	1/3/11	1/3/11 20:27	TJR
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-102B | Sampled: 12/30/2010 08:59

Sample ID: 11A0002-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
Tetrahydrofuran	ND	10	µg/L	1	L-03	SW-846 8260B	1/3/11	1/3/11 20:27	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:27	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	103	70-130		1/3/11 20:27
Toluene-d8	105	70-130		1/3/11 20:27
4-Bromofluorobenzene	98.2	70-130		1/3/11 20:27

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-102B | Sampled: 12/30/2010 08:59

Sample ID: 11A0002-02

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.30	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:17	BGL
Acenaphthylene	ND	0.30	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:17	BGL
Anthracene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:17	BGL
Benzo(a)anthracene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:17	BGL
Benzo(a)pyrene	ND	0.10	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:17	BGL
Benzo(b)fluoranthene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:17	BGL
Benzo(g,h,i)perylene	ND	0.50	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:17	BGL
Benzo(k)fluoranthene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:17	BGL
Chrysene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:17	BGL
Dibenz(a,h)anthracene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:17	BGL
Fluoranthene	ND	0.50	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:17	BGL
Fluorene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:17	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:17	BGL
2-Methylnaphthalene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:17	BGL
Naphthalene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:17	BGL
Phenanthrene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:17	BGL
Pyrene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:17	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	61.6	30-130		1/6/11 0:17
2-Fluorobiphenyl	74.5	30-130		1/6/11 0:17
Terphenyl-d14	45.2	30-130		1/6/11 0:17

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-102B | Sampled: 12/30/2010 08:59

Sample ID: 11A0002-02

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:21	JMB
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:21	JMB
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:21	JMB
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:21	JMB
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:21	JMB
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:21	JMB
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:21	JMB
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:21	JMB
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:21	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	83.9	30-150		1/4/11 12:21
Decachlorobiphenyl [2]	73.2	30-150		1/4/11 12:21
Tetrachloro-m-xylene [1]	97.5	30-150		1/4/11 12:21
Tetrachloro-m-xylene [2]	95.2	30-150		1/4/11 12:21

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

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-102B Sampled: 12/30/2010 08:59

Sample ID: 11A0002-02

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.075	mg/L	1		CTDEP ETPH	1/3/11	1/4/11 9:01	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	94.4	50-150				1/4/11 9:01	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-102B Sampled: 12/30/2010 08:59

Sample ID: 11A0002-02

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:19	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:19	KSH
Barium	ND	50	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:19	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:19	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:19	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:19	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:19	KSH
Lead	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:19	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	1/3/11	1/3/11 13:28	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:19	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:19	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:19	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:19	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:19	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:19	KSH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-102B Sampled: 12/30/2010 08:59

Sample ID: 11A0002-02

Sample Matrix: Ground Water

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1		SW846 9014	1/5/11	1/5/11 12:20	VAK

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-2 | Sampled: 12/30/2010 10:21

Sample ID: 11A0002-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
Bromomethane	ND	0.50	µg/L	1	L-03, V-05	SW-846 8260B	1/4/11	1/4/11 19:17	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
Carbon Disulfide	ND	10	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
Chloroform	5.1	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
Chloromethane	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
Hexachlorobutadiene	ND	0.40	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
2-Hexanone (MBK)	ND	20	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-2 | Sampled: 12/30/2010 10:21

Sample ID: 11A0002-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
Methyl tert-Butyl Ether (MTBE)	1.1	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
Styrene	ND	2.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
1,2,3-Trichloropropane	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
1,3,5-Trimethylbenzene	ND	2.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 19:17	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	94.4	70-130		1/4/11 19:17
Toluene-d8	99.8	70-130		1/4/11 19:17
4-Bromofluorobenzene	97.4	70-130		1/4/11 19:17

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-2 | Sampled: 12/30/2010 10:21

Sample ID: 11A0002-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.30	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:46	BGL
Acenaphthylene	ND	0.30	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:46	BGL
Anthracene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:46	BGL
Benzo(a)anthracene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:46	BGL
Benzo(a)pyrene	ND	0.10	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:46	BGL
Benzo(b)fluoranthene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:46	BGL
Benzo(g,h,i)perylene	ND	0.50	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:46	BGL
Benzo(k)fluoranthene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:46	BGL
Chrysene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:46	BGL
Dibenz(a,h)anthracene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:46	BGL
Fluoranthene	ND	0.50	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:46	BGL
Fluorene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:46	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:46	BGL
2-Methylnaphthalene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:46	BGL
Naphthalene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:46	BGL
Phenanthrene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:46	BGL
Pyrene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/6/11 0:46	BGL

Surrogates	% Recovery	Recovery Limits	Flag		
Nitrobenzene-d5	60.5	30-130		1/6/11	0:46
2-Fluorobiphenyl	72.9	30-130		1/6/11	0:46
Terphenyl-d14	43.3	30-130		1/6/11	0:46

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-2 | Sampled: 12/30/2010 10:21

Sample ID: 11A0002-03

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:35	JMB
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:35	JMB
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:35	JMB
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:35	JMB
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:35	JMB
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:35	JMB
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:35	JMB
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:35	JMB
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:35	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	71.4	30-150		1/4/11 12:35
Decachlorobiphenyl [2]	62.8	30-150		1/4/11 12:35
Tetrachloro-m-xylene [1]	92.9	30-150		1/4/11 12:35
Tetrachloro-m-xylene [2]	91.2	30-150		1/4/11 12:35

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

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-2 Sampled: 12/30/2010 10:21

Sample ID: 11A0002-03

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	0.082	0.075	mg/L	1		CTDEP ETPH	1/3/11	1/4/11 9:19	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	109	50-150					1/4/11 9:19

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

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-2 Sampled: 12/30/2010 10:21

Sample ID: 11A0002-03

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:22	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:22	KSH
Barium	79	50	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:22	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:22	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:22	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:22	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:22	KSH
Lead	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:22	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	1/3/11	1/3/11 13:30	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:22	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:22	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:22	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:22	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:22	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:22	KSH

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-2 | Sampled: 12/30/2010 10:21

Sample ID: 11A0002-03

Sample Matrix: Ground Water

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1		SW846 9014	1/5/11	1/5/11 12:20	VAK

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-108 | Sampled: 12/30/2010 11:20

Sample ID: 11A0002-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
Benzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
Bromomethane	ND	0.50	µg/L	1	MS-07A	SW-846 8260B	1/3/11	1/3/11 20:54	TJR
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
Carbon Tetrachloride	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
Chloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
Chloroform	1.5	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
Chloromethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1	L-03, MS-09, V-05	SW-846 8260B	1/3/11	1/3/11 20:54	TJR
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-108 | Sampled: 12/30/2010 11:20

Sample ID: 11A0002-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
Tetrahydrofuran	ND	10	µg/L	1	L-03	SW-846 8260B	1/3/11	1/3/11 20:54	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
1,1,1-Trichloroethane	1.3	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 20:54	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	108	70-130		1/3/11 20:54
Toluene-d8	103	70-130		1/3/11 20:54
4-Bromofluorobenzene	95.2	70-130		1/3/11 20:54

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-108 | Sampled: 12/30/2010 11:20

Sample ID: 11A0002-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.30	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:16	BGL
Acenaphthylene	ND	0.30	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:16	BGL
Anthracene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:16	BGL
Benzo(a)anthracene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:16	BGL
Benzo(a)pyrene	ND	0.10	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:16	BGL
Benzo(b)fluoranthene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:16	BGL
Benzo(g,h,i)perylene	ND	0.50	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:16	BGL
Benzo(k)fluoranthene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:16	BGL
Chrysene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:16	BGL
Dibenz(a,h)anthracene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:16	BGL
Fluoranthene	ND	0.50	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:16	BGL
Fluorene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:16	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:16	BGL
2-Methylnaphthalene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:16	BGL
Naphthalene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:16	BGL
Phenanthrene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:16	BGL
Pyrene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:16	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	52.3	30-130		1/6/11 1:16
2-Fluorobiphenyl	63.6	30-130		1/6/11 1:16
Terphenyl-d14	54.1	30-130		1/6/11 1:16

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-108 | Sampled: 12/30/2010 11:20

Sample ID: 11A0002-04

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:48	JMB
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:48	JMB
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:48	JMB
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:48	JMB
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:48	JMB
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:48	JMB
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:48	JMB
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:48	JMB
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 12:48	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	76.5	30-150		1/4/11 12:48
Decachlorobiphenyl [2]	67.1	30-150		1/4/11 12:48
Tetrachloro-m-xylene [1]	93.9	30-150		1/4/11 12:48
Tetrachloro-m-xylene [2]	92.2	30-150		1/4/11 12:48

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-108 Sampled: 12/30/2010 11:20

Sample ID: 11A0002-04

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	0.083	0.075	mg/L	1		CTDEP ETPH	1/3/11	1/4/11 8:24	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	84.5	50-150					1/4/11 8:24

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-108 Sampled: 12/30/2010 11:20

Sample ID: 11A0002-04

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:39	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:39	KSH
Barium	90	50	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:39	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:39	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:39	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:39	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:39	KSH
Lead	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:39	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	1/3/11	1/3/11 13:31	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:39	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:39	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:39	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:39	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:39	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	1/3/11	1/8/11 15:39	KSH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-108 Sampled: 12/30/2010 11:20

Sample ID: 11A0002-04

Sample Matrix: Ground Water

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1		SW846 9014	1/5/11	1/5/11 12:20	VAK

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-110 | Sampled: 12/30/2010 13:27

Sample ID: 11A0002-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
Benzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
Bromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
Carbon Tetrachloride	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
Chloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
Chloroform	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
Chloromethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1	L-03, V-05	SW-846 8260B	1/3/11	1/3/11 21:22	TJR
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-110 | Sampled: 12/30/2010 13:27

Sample ID: 11A0002-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
Tetrahydrofuran	ND	10	µg/L	1	L-03	SW-846 8260B	1/3/11	1/3/11 21:22	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
1,1,1-Trichloroethane	0.88	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	1/3/11	1/3/11 21:22	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	105	70-130		1/3/11 21:22
Toluene-d8	105	70-130		1/3/11 21:22
4-Bromofluorobenzene	101	70-130		1/3/11 21:22

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-110 | Sampled: 12/30/2010 13:27

Sample ID: 11A0002-05

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.30	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:45	BGL
Acenaphthylene	ND	0.30	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:45	BGL
Anthracene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:45	BGL
Benzo(a)anthracene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:45	BGL
Benzo(a)pyrene	ND	0.10	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:45	BGL
Benzo(b)fluoranthene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:45	BGL
Benzo(g,h,i)perylene	ND	0.50	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:45	BGL
Benzo(k)fluoranthene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:45	BGL
Chrysene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:45	BGL
Dibenz(a,h)anthracene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:45	BGL
Fluoranthene	ND	0.50	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:45	BGL
Fluorene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:45	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:45	BGL
2-Methylnaphthalene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:45	BGL
Naphthalene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:45	BGL
Phenanthrene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:45	BGL
Pyrene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/6/11 1:45	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	60.4	30-130		1/6/11 1:45
2-Fluorobiphenyl	73.4	30-130		1/6/11 1:45
Terphenyl-d14	49.2	30-130		1/6/11 1:45

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-110 | Sampled: 12/30/2010 13:27

Sample ID: 11A0002-05

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 13:02	JMB
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 13:02	JMB
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 13:02	JMB
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 13:02	JMB
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 13:02	JMB
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 13:02	JMB
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 13:02	JMB
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 13:02	JMB
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 13:02	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	89.3	30-150		1/4/11 13:02
Decachlorobiphenyl [2]	77.2	30-150		1/4/11 13:02
Tetrachloro-m-xylene [1]	93.3	30-150		1/4/11 13:02
Tetrachloro-m-xylene [2]	91.4	30-150		1/4/11 13:02

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-110 | Sampled: 12/30/2010 13:27

Sample ID: 11A0002-05

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	0.12	0.075	mg/L	1		CTDEP ETPH	1/3/11	1/4/11 9:38	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	94.3	50-150					1/4/11 9:38

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-110 Sampled: 12/30/2010 13:27

Sample ID: 11A0002-05

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:26	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:26	KSH
Barium	210	50	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:26	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:26	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:26	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:26	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:26	KSH
Lead	48	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:26	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	1/3/11	1/3/11 13:38	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:26	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:26	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:26	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:26	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:26	KSH
Zinc	470	50	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:26	KSH

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-110 | Sampled: 12/30/2010 13:27

Sample ID: 11A0002-05

Sample Matrix: Ground Water

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1		SW846 9014	1/5/11	1/5/11 12:20	VAK

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-112 | Sampled: 12/30/2010 15:30

Sample ID: 11A0002-06

Sample Matrix: Ground Water

Sample Flags: RL-02

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
Acrylonitrile	ND	20	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
Benzene	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
Bromobenzene	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
Bromodichloromethane	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
Bromoform	ND	10	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
Bromomethane	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
2-Butanone (MEK)	ND	50	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
n-Butylbenzene	ND	10	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
sec-Butylbenzene	ND	10	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
tert-Butylbenzene	ND	10	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
Carbon Disulfide	ND	50	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
Carbon Tetrachloride	ND	10	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
Chlorobenzene	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
Chlorodibromomethane	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
Chloroethane	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
Chloroform	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
Chloromethane	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
2-Chlorotoluene	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
4-Chlorotoluene	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
1,2-Dibromoethane (EDB)	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
Dibromomethane	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
1,2-Dichlorobenzene	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
1,3-Dichlorobenzene	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
1,4-Dichlorobenzene	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
trans-1,4-Dichloro-2-butene	ND	20	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
Dichlorodifluoromethane (Freon 12)	ND	5.0	µg/L	10	L-03, V-05	SW-846 8260B	1/3/11	1/3/11 22:16	TJR
1,1-Dichloroethane	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
1,2-Dichloroethane	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
1,1-Dichloroethylene	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
cis-1,2-Dichloroethylene	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
trans-1,2-Dichloroethylene	ND	10	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
1,2-Dichloropropane	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
1,3-Dichloropropane	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
2,2-Dichloropropane	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
1,1-Dichloropropene	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
cis-1,3-Dichloropropene	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
trans-1,3-Dichloropropene	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
Ethylbenzene	12	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
Hexachlorobutadiene	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
2-Hexanone (MBK)	ND	50	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
Isopropylbenzene (Cumene)	120	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-112 | Sampled: 12/30/2010 15:30

Sample ID: 11A0002-06

Sample Matrix: Ground Water

Sample Flags: RL-02

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
Methyl tert-Butyl Ether (MTBE)	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
Methylene Chloride	ND	50	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
4-Methyl-2-pentanone (MIBK)	ND	50	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
Naphthalene	ND	20	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
n-Propylbenzene	56	10	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
Styrene	ND	10	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
1,1,1,2-Tetrachloroethane	ND	10	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
1,1,2,2-Tetrachloroethane	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
Tetrachloroethylene	ND	10	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
Tetrahydrofuran	ND	100	µg/L	10	L-03	SW-846 8260B	1/3/11	1/3/11 22:16	TJR
Toluene	ND	10	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
1,2,4-Trichlorobenzene	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
1,1,1-Trichloroethane	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
1,1,2-Trichloroethane	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
Trichloroethylene	ND	10	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
Trichlorofluoromethane (Freon 11)	ND	20	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
1,2,3-Trichloropropane	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
1,2,4-Trimethylbenzene	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
1,3,5-Trimethylbenzene	ND	5.0	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
Vinyl Chloride	ND	10	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
m+p Xylene	37	20	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR
o-Xylene	ND	10	µg/L	10		SW-846 8260B	1/3/11	1/3/11 22:16	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	103	70-130		1/3/11 22:16
Toluene-d8	103	70-130		1/3/11 22:16
4-Bromofluorobenzene	101	70-130		1/3/11 22:16

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-112 | Sampled: 12/30/2010 15:30

Sample ID: 11A0002-06

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.30	µg/L	1		SW-846 8270C	1/4/11	1/6/11 2:14	BGL
Acenaphthylene	ND	0.30	µg/L	1		SW-846 8270C	1/4/11	1/6/11 2:14	BGL
Anthracene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/6/11 2:14	BGL
Benzo(a)anthracene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/6/11 2:14	BGL
Benzo(a)pyrene	ND	0.10	µg/L	1		SW-846 8270C	1/4/11	1/6/11 2:14	BGL
Benzo(b)fluoranthene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/6/11 2:14	BGL
Benzo(g,h,i)perylene	ND	0.50	µg/L	1		SW-846 8270C	1/4/11	1/6/11 2:14	BGL
Benzo(k)fluoranthene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/6/11 2:14	BGL
Chrysene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/6/11 2:14	BGL
Dibenz(a,h)anthracene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/6/11 2:14	BGL
Fluoranthene	ND	0.50	µg/L	1		SW-846 8270C	1/4/11	1/6/11 2:14	BGL
Fluorene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/6/11 2:14	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L	1		SW-846 8270C	1/4/11	1/6/11 2:14	BGL
2-Methylnaphthalene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/6/11 2:14	BGL
Naphthalene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/6/11 2:14	BGL
Phenanthrene	ND	0.050	µg/L	1		SW-846 8270C	1/4/11	1/6/11 2:14	BGL
Pyrene	ND	1.0	µg/L	1		SW-846 8270C	1/4/11	1/6/11 2:14	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	67.9	30-130		1/6/11 2:14
2-Fluorobiphenyl	78.8	30-130		1/6/11 2:14
Terphenyl-d14	76.8	30-130		1/6/11 2:14

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

Project Location: 6 Rubber Ave., Naugatuck, CT | Sample Description: | Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-112 | Sampled: 12/30/2010 15:30

Sample ID: 11A0002-06

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 13:15	JMB
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 13:15	JMB
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 13:15	JMB
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 13:15	JMB
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 13:15	JMB
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 13:15	JMB
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 13:15	JMB
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 13:15	JMB
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082	1/3/11	1/4/11 13:15	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	84.8	30-150		1/4/11 13:15
Decachlorobiphenyl [2]	73.7	30-150		1/4/11 13:15
Tetrachloro-m-xylene [1]	96.3	30-150		1/4/11 13:15
Tetrachloro-m-xylene [2]	92.2	30-150		1/4/11 13:15

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

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-112 Sampled: 12/30/2010 15:30

Sample ID: 11A0002-06

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	0.38	0.075	mg/L	1		CTDEP ETPH	1/3/11	1/4/11 9:56	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	110	50-150					1/4/11 9:56

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-112 Sampled: 12/30/2010 15:30

Sample ID: 11A0002-06

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:29	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:29	KSH
Barium	91	50	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:29	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:29	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:29	KSH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:29	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:29	KSH
Lead	ND	5.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:29	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	1/3/11	1/3/11 13:44	CWB
Nickel	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:29	KSH
Selenium	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:29	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:29	KSH
Thallium	ND	1.0	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:29	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:29	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	1/3/11	1/8/11 16:29	KSH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 6 Rubber Ave., Naugatuck, CT Sample Description: Work Order: 11A0002

Date Received: 12/30/2010

Field Sample #: GDC-MW-112 Sampled: 12/30/2010 15:30

Sample ID: 11A0002-06

Sample Matrix: Ground Water

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1		SW846 9014	1/5/11	1/5/11 12:20	VAK

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Sample Extraction Data

Prep Method: SW-846 3510C-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11A0002-01 [GDC-MW-102]	B024403	1000	1.00	01/03/11
11A0002-02 [GDC-MW-102B]	B024403	1000	1.00	01/03/11
11A0002-03 [GDC-MW-2]	B024403	1000	1.00	01/03/11
11A0002-04 [GDC-MW-108]	B024403	1000	1.00	01/03/11
11A0002-05 [GDC-MW-110]	B024403	1000	1.00	01/03/11
11A0002-06 [GDC-MW-112]	B024403	1000	1.00	01/03/11

Prep Method: SW-846 3005A-SW-846 6020A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11A0002-01 [GDC-MW-102]	B024405	50.0	50.0	01/03/11
11A0002-02 [GDC-MW-102B]	B024405	50.0	50.0	01/03/11
11A0002-03 [GDC-MW-2]	B024405	50.0	50.0	01/03/11
11A0002-04 [GDC-MW-108]	B024405	50.0	50.0	01/03/11
11A0002-05 [GDC-MW-110]	B024405	50.0	50.0	01/03/11
11A0002-06 [GDC-MW-112]	B024405	50.0	50.0	01/03/11

Prep Method: SW-846 7470A Prep-SW-846 7470A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11A0002-01 [GDC-MW-102]	B024394	6.00	6.00	01/03/11
11A0002-02 [GDC-MW-102B]	B024394	6.00	6.00	01/03/11
11A0002-03 [GDC-MW-2]	B024394	6.00	6.00	01/03/11
11A0002-04 [GDC-MW-108]	B024394	6.00	6.00	01/03/11
11A0002-05 [GDC-MW-110]	B024394	6.00	6.00	01/03/11
11A0002-06 [GDC-MW-112]	B024394	6.00	6.00	01/03/11

Prep Method: SW-846 3510C-SW-846 8082

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11A0002-01 [GDC-MW-102]	B024402	1000	10.0	01/03/11
11A0002-02 [GDC-MW-102B]	B024402	1000	10.0	01/03/11
11A0002-03 [GDC-MW-2]	B024402	1000	10.0	01/03/11
11A0002-04 [GDC-MW-108]	B024402	1000	10.0	01/03/11
11A0002-05 [GDC-MW-110]	B024402	1000	10.0	01/03/11
11A0002-06 [GDC-MW-112]	B024402	1000	10.0	01/03/11

Prep Method: SW-846 5030B-SW-846 8260B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11A0002-01 [GDC-MW-102]	B024417	5	5.00	01/03/11
11A0002-02 [GDC-MW-102B]	B024417	5	5.00	01/03/11
11A0002-04 [GDC-MW-108]	B024417	5	5.00	01/03/11
11A0002-05 [GDC-MW-110]	B024417	5	5.00	01/03/11
11A0002-06 [GDC-MW-112]	B024417	0.5	5.00	01/03/11

Prep Method: SW-846 5030B-SW-846 8260B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date

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Sample Extraction Data

Prep Method: SW-846 5030B-SW-846 8260B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11A0002-03 [GDC-MW-2]	B024463	5	5.00	01/04/11

Prep Method: SW-846 3510C-SW-846 8270C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11A0002-01 [GDC-MW-102]	B024456	1000	1.00	01/04/11
11A0002-02 [GDC-MW-102B]	B024456	1000	1.00	01/04/11
11A0002-03 [GDC-MW-2]	B024456	1000	1.00	01/04/11
11A0002-04 [GDC-MW-108]	B024456	1000	1.00	01/04/11
11A0002-05 [GDC-MW-110]	B024456	1000	1.00	01/04/11
11A0002-06 [GDC-MW-112]	B024456	1000	1.00	01/04/11

SW846 9014

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11A0002-01 [GDC-MW-102]	B024531	50.0	50.0	01/05/11
11A0002-02 [GDC-MW-102B]	B024531	50.0	50.0	01/05/11
11A0002-03 [GDC-MW-2]	B024531	50.0	50.0	01/05/11
11A0002-04 [GDC-MW-108]	B024531	50.0	50.0	01/05/11
11A0002-05 [GDC-MW-110]	B024531	50.0	50.0	01/05/11
11A0002-06 [GDC-MW-112]	B024531	50.0	50.0	01/05/11

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024417 - SW-846 5030B										
Blank (B024417-BLK1)				Prepared & Analyzed: 01/03/11						
Acetone	ND	5.0	µg/L							
Acrylonitrile	ND	2.0	µg/L							
Benzene	ND	0.50	µg/L							
Bromobenzene	ND	0.50	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	0.50	µg/L							
2-Butanone (MEK)	ND	5.0	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	1.0	µg/L							
Chlorobenzene	ND	0.50	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	0.50	µg/L							
Chloroform	ND	0.50	µg/L							
Chloromethane	ND	0.50	µg/L							
2-Chlorotoluene	ND	0.50	µg/L							
4-Chlorotoluene	ND	0.50	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	0.50	µg/L							
1,3-Dichlorobenzene	ND	0.50	µg/L							
1,4-Dichlorobenzene	ND	0.50	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L							L-03, V-05
1,1-Dichloroethane	ND	0.50	µg/L							
1,2-Dichloroethane	ND	0.50	µg/L							
1,1-Dichloroethylene	ND	0.50	µg/L							
cis-1,2-Dichloroethylene	ND	0.50	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	0.50	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	0.50	µg/L							
1,1-Dichloropropene	ND	0.50	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	0.50	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	5.0	µg/L							
Isopropylbenzene (Cumene)	ND	0.50	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B024417 - SW-846 5030B											
Blank (B024417-BLK1)				Prepared & Analyzed: 01/03/11							
Tetrachloroethylene	ND	1.0	µg/L								
Tetrahydrofuran	ND	10	µg/L								L-03
Toluene	ND	1.0	µg/L								
1,2,3-Trichlorobenzene	ND	0.50	µg/L								
1,2,4-Trichlorobenzene	ND	0.50	µg/L								
1,1,1-Trichloroethane	ND	0.50	µg/L								
1,1,2-Trichloroethane	ND	0.50	µg/L								
Trichloroethylene	ND	1.0	µg/L								
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	0.50	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L								
1,2,4-Trimethylbenzene	ND	0.50	µg/L								
1,3,5-Trimethylbenzene	ND	0.50	µg/L								
Vinyl Chloride	ND	1.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*26.3*		µg/L	25.0		105		70-130			
Surrogate: Toluene-d8	*25.7*		µg/L	25.0		103		70-130			
Surrogate: 4-Bromofluorobenzene	*24.4*		µg/L	25.0		97.6		70-130			
LCS (B024417-BS1)				Prepared & Analyzed: 01/03/11							
Acetone	144	5.0	µg/L	100		**144**	*	70-130			L-05, V-06
Acrylonitrile	12.2	2.0	µg/L	10.0		122		70-130			
Benzene	11.7	0.50	µg/L	10.0		117		70-130			
Bromobenzene	10.1	0.50	µg/L	10.0		101		70-130			
Bromodichloromethane	11.0	0.50	µg/L	10.0		110		70-130			
Bromoform	11.7	1.0	µg/L	10.0		117		70-130			
Bromomethane	12.0	0.50	µg/L	10.0		120		70-130			V-20
2-Butanone (MEK)	140	5.0	µg/L	100		**140**	*	70-130			L-05, V-06
n-Butylbenzene	10.3	1.0	µg/L	10.0		103		70-130			
sec-Butylbenzene	9.98	1.0	µg/L	10.0		99.8		70-130			
tert-Butylbenzene	9.86	1.0	µg/L	10.0		98.6		70-130			
Carbon Disulfide	97.9	5.0	µg/L	100		97.9		70-130			
Carbon Tetrachloride	12.4	1.0	µg/L	10.0		124		70-130			
Chlorobenzene	9.65	0.50	µg/L	10.0		96.5		70-130			
Chlorodibromomethane	12.6	0.50	µg/L	10.0		126		70-130			
Chloroethane	10.2	0.50	µg/L	10.0		102		70-130			
Chloroform	11.9	0.50	µg/L	10.0		119		70-130			
Chloromethane	10.1	0.50	µg/L	10.0		101		70-130			
2-Chlorotoluene	10.1	0.50	µg/L	10.0		101		70-130			
4-Chlorotoluene	9.85	0.50	µg/L	10.0		98.5		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	12.6	1.0	µg/L	10.0		126		70-130			
1,2-Dibromoethane (EDB)	10.9	0.50	µg/L	10.0		109		70-130			
Dibromomethane	11.7	0.50	µg/L	10.0		117		70-130			
1,2-Dichlorobenzene	9.55	0.50	µg/L	10.0		95.5		70-130			
1,3-Dichlorobenzene	9.60	0.50	µg/L	10.0		96.0		70-130			
1,4-Dichlorobenzene	9.47	0.50	µg/L	10.0		94.7		70-130			
trans-1,4-Dichloro-2-butene	11.9	2.0	µg/L	10.0		119		70-130			
Dichlorodifluoromethane (Freon 12)	6.06	0.50	µg/L	10.0		**60.6**	*	70-130			L-03, V-05
1,1-Dichloroethane	10.4	0.50	µg/L	10.0		104		70-130			
1,2-Dichloroethane	11.1	0.50	µg/L	10.0		111		70-130			
1,1-Dichloroethylene	9.19	0.50	µg/L	10.0		91.9		70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B024417 - SW-846 5030B											
LCS (B024417-BS1)				Prepared & Analyzed: 01/03/11							
cis-1,2-Dichloroethylene	11.0	0.50	µg/L	10.0		110		70-130			
trans-1,2-Dichloroethylene	10.9	1.0	µg/L	10.0		109		70-130			
1,2-Dichloropropane	11.0	0.50	µg/L	10.0		110		70-130			
1,3-Dichloropropane	11.3	0.50	µg/L	10.0		113		70-130			
2,2-Dichloropropane	12.2	0.50	µg/L	10.0		122		70-130			
1,1-Dichloropropene	11.8	0.50	µg/L	10.0		118		70-130			
cis-1,3-Dichloropropene	11.4	0.50	µg/L	10.0		114		70-130			
trans-1,3-Dichloropropene	12.1	0.50	µg/L	10.0		121		70-130			
Ethylbenzene	10.1	0.50	µg/L	10.0		101		70-130			
Hexachlorobutadiene	10.8	0.50	µg/L	10.0		108		70-130			
2-Hexanone (MBK)	124	5.0	µg/L	100		124		70-130			
Isopropylbenzene (Cumene)	10.2	0.50	µg/L	10.0		102		70-130			
p-Isopropyltoluene (p-Cymene)	9.89	0.50	µg/L	10.0		98.9		70-130			
Methyl tert-Butyl Ether (MTBE)	11.5	0.50	µg/L	10.0		115		70-130			
Methylene Chloride	9.81	5.0	µg/L	10.0		98.1		70-130			
4-Methyl-2-pentanone (MIBK)	122	5.0	µg/L	100		122		70-130			
Naphthalene	12.5	2.0	µg/L	10.0		125		70-130			
n-Propylbenzene	10.0	1.0	µg/L	10.0		100		70-130			
Styrene	9.99	1.0	µg/L	10.0		99.9		70-130			
1,1,1,2-Tetrachloroethane	10.1	1.0	µg/L	10.0		101		70-130			
1,1,2,2-Tetrachloroethane	11.0	0.50	µg/L	10.0		110		70-130			
Tetrachloroethylene	10.4	1.0	µg/L	10.0		104		70-130			
Tetrahydrofuran	6.07	10	µg/L	10.0		**60.7**	*	70-130			L-03, V-06
Toluene	11.0	1.0	µg/L	10.0		110		70-130			
1,2,3-Trichlorobenzene	11.5	0.50	µg/L	10.0		115		70-130			
1,2,4-Trichlorobenzene	10.9	0.50	µg/L	10.0		109		70-130			
1,1,1-Trichloroethane	12.1	0.50	µg/L	10.0		121		70-130			
1,1,2-Trichloroethane	11.0	0.50	µg/L	10.0		110		70-130			
Trichloroethylene	10.6	1.0	µg/L	10.0		106		70-130			
Trichlorofluoromethane (Freon 11)	11.0	2.0	µg/L	10.0		110		70-130			
1,2,3-Trichloropropane	11.4	0.50	µg/L	10.0		114		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.42	0.50	µg/L	10.0		94.2		70-130			
1,2,4-Trimethylbenzene	9.89	0.50	µg/L	10.0		98.9		70-130			
1,3,5-Trimethylbenzene	10.1	0.50	µg/L	10.0		101		70-130			
Vinyl Chloride	12.7	1.0	µg/L	10.0		127		70-130			
m+p Xylene	20.0	2.0	µg/L	20.0		100		70-130			
o-Xylene	9.86	1.0	µg/L	10.0		98.6		70-130			
Surrogate: 1,2-Dichloroethane-d4	*26.4*		µg/L	25.0		105		70-130			
Surrogate: Toluene-d8	*25.4*		µg/L	25.0		102		70-130			
Surrogate: 4-Bromofluorobenzene	*25.1*		µg/L	25.0		100		70-130			
Matrix Spike (B024417-MS1)		**Source: 11A0002-04**		Prepared & Analyzed: 01/03/11							
Acetone	135	5.0	µg/L	100	ND	**135**	*	70-130			MS-22
Acrylonitrile	11.7	2.0	µg/L	10.0	ND	117		70-130			
Benzene	10.8	0.50	µg/L	10.0	ND	108		70-130			
Bromobenzene	9.54	0.50	µg/L	10.0	ND	95.4		70-130			
Bromodichloromethane	10.4	0.50	µg/L	10.0	ND	104		70-130			
Bromoform	10.7	1.0	µg/L	10.0	ND	107		70-130			
Bromomethane	6.85	0.50	µg/L	10.0	ND	**68.5**	*	70-130			MS-07A
2-Butanone (MEK)	124	5.0	µg/L	100	ND	124		70-130			
n-Butylbenzene	9.29	1.0	µg/L	10.0	ND	92.9		70-130			
sec-Butylbenzene	9.80	1.0	µg/L	10.0	ND	98.0		70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B024417 - SW-846 5030B											
Matrix Spike (B024417-MS1)	**Source: 11A0002-04**			Prepared & Analyzed: 01/03/11							
tert-Butylbenzene	9.64	1.0	µg/L	10.0	ND	96.4		70-130			
Carbon Disulfide	9.57	5.0	µg/L	10.0	0.180	93.9		70-130			
Carbon Tetrachloride	10.7	1.0	µg/L	10.0	ND	107		70-130			
Chlorobenzene	9.79	0.50	µg/L	10.0	ND	97.9		70-130			
Chlorodibromomethane	11.4	0.50	µg/L	10.0	ND	114		70-130			
Chloroethane	8.55	0.50	µg/L	10.0	ND	85.5		70-130			
Chloroform	12.6	0.50	µg/L	10.0	1.46	111		70-130			
Chloromethane	8.01	0.50	µg/L	10.0	ND	80.1		70-130			
2-Chlorotoluene	9.69	0.50	µg/L	10.0	ND	96.9		70-130			
4-Chlorotoluene	10.2	0.50	µg/L	10.0	ND	102		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	9.98	1.0	µg/L	10.0	ND	99.8		70-130			
1,2-Dibromoethane (EDB)	11.2	0.50	µg/L	10.0	ND	112		70-130			
Dibromomethane	10.8	0.50	µg/L	10.0	ND	108		70-130			
1,2-Dichlorobenzene	9.21	0.50	µg/L	10.0	ND	92.1		70-130			
1,3-Dichlorobenzene	9.13	0.50	µg/L	10.0	ND	91.3		70-130			
1,4-Dichlorobenzene	9.18	0.50	µg/L	10.0	ND	91.8		70-130			
trans-1,4-Dichloro-2-butene	9.43	2.0	µg/L	10.0	ND	94.3		70-130			
Dichlorodifluoromethane (Freon 12)	3.53	0.50	µg/L	10.0	ND	**35.3**	*	70-130			L-03, MS-09, V-05
1,1-Dichloroethane	9.78	0.50	µg/L	10.0	ND	97.8		70-130			
1,2-Dichloroethane	10.9	0.50	µg/L	10.0	ND	109		70-130			
1,1-Dichloroethylene	8.91	0.50	µg/L	10.0	ND	89.1		70-130			
cis-1,2-Dichloroethylene	10.6	0.50	µg/L	10.0	ND	106		70-130			
trans-1,2-Dichloroethylene	10.9	1.0	µg/L	10.0	ND	109		70-130			
1,2-Dichloropropane	10.6	0.50	µg/L	10.0	ND	106		70-130			
1,3-Dichloropropane	11.1	0.50	µg/L	10.0	ND	111		70-130			
2,2-Dichloropropane	10.1	0.50	µg/L	10.0	ND	101		70-130			
1,1-Dichloropropene	11.2	0.50	µg/L	10.0	ND	112		70-130			
cis-1,3-Dichloropropene	9.72	0.50	µg/L	10.0	ND	97.2		70-130			
trans-1,3-Dichloropropene	10.8	0.50	µg/L	10.0	ND	108		70-130			
Ethylbenzene	9.71	0.50	µg/L	10.0	ND	97.1		70-130			
Hexachlorobutadiene	10.5	0.50	µg/L	10.0	ND	105		70-130			
2-Hexanone (MBK)	122	5.0	µg/L	100	ND	122		70-130			
Isopropylbenzene (Cumene)	11.8	0.50	µg/L	10.0	ND	118		70-130			
p-Isopropyltoluene (p-Cymene)	9.39	0.50	µg/L	10.0	ND	93.9		70-130			
Methyl tert-Butyl Ether (MTBE)	10.5	0.50	µg/L	10.0	ND	105		70-130			
Methylene Chloride	7.72	5.0	µg/L	10.0	ND	77.2		70-130			
4-Methyl-2-pentanone (MIBK)	121	5.0	µg/L	100	ND	121		70-130			
Naphthalene	11.0	2.0	µg/L	10.0	ND	110		70-130			
n-Propylbenzene	9.97	1.0	µg/L	10.0	ND	99.7		70-130			
Styrene	9.61	1.0	µg/L	10.0	ND	96.1		70-130			
1,1,1,2-Tetrachloroethane	8.80	1.0	µg/L	10.0	ND	88.0		70-130			
1,1,2,2-Tetrachloroethane	10.7	0.50	µg/L	10.0	ND	107		70-130			
Tetrachloroethylene	12.2	1.0	µg/L	10.0	0.960	112		70-130			
Tetrahydrofuran	12.4	10	µg/L	10.0	ND	124		70-130			L-03
Toluene	11.2	1.0	µg/L	10.0	ND	112		70-130			
1,2,3-Trichlorobenzene	10.1	0.50	µg/L	10.0	ND	101		70-130			
1,2,4-Trichlorobenzene	9.63	0.50	µg/L	10.0	ND	96.3		70-130			
1,1,1-Trichloroethane	12.7	0.50	µg/L	10.0	1.26	115		70-130			
1,1,2-Trichloroethane	10.4	0.50	µg/L	10.0	ND	104		70-130			
Trichloroethylene	10.8	1.0	µg/L	10.0	ND	108		70-130			
Trichlorofluoromethane (Freon 11)	10.4	2.0	µg/L	10.0	ND	104		70-130			
1,2,3-Trichloropropane	9.91	0.50	µg/L	10.0	ND	99.1		70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B024417 - SW-846 5030B											
Matrix Spike (B024417-MS1)	**Source: 11A0002-04**			Prepared & Analyzed: 01/03/11							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.75	0.50	µg/L	10.0	ND	87.5		70-130			
1,2,4-Trimethylbenzene	9.27	0.50	µg/L	10.0	ND	92.7		70-130			
1,3,5-Trimethylbenzene	9.61	0.50	µg/L	10.0	ND	96.1		70-130			
Vinyl Chloride	11.1	1.0	µg/L	10.0	ND	111		70-130			
m+p Xylene	19.7	2.0	µg/L	20.0	ND	98.4		70-130			
o-Xylene	9.88	1.0	µg/L	10.0	ND	98.8		70-130			
Surrogate: 1,2-Dichloroethane-d4	*24.5*		µg/L	25.0		98.0		70-130			
Surrogate: Toluene-d8	*25.8*		µg/L	25.0		103		70-130			
Surrogate: 4-Bromofluorobenzene	*25.5*		µg/L	25.0		102		70-130			
Matrix Spike Dup (B024417-MSD1)	**Source: 11A0002-04**			Prepared & Analyzed: 01/03/11							
Acetone	122	5.0	µg/L	100	ND	122		70-130	9.63	30	
Acrylonitrile	10.0	2.0	µg/L	10.0	ND	100		70-130	15.0	30	
Benzene	10.6	0.50	µg/L	10.0	ND	106		70-130	2.71	30	
Bromobenzene	9.46	0.50	µg/L	10.0	ND	94.6		70-130	0.842	30	
Bromodichloromethane	10.1	0.50	µg/L	10.0	ND	101		70-130	3.11	30	
Bromoform	10.8	1.0	µg/L	10.0	ND	108		70-130	0.653	30	
Bromomethane	6.99	0.50	µg/L	10.0	ND	**69.9**	*	70-130	2.02	30	MS-07A
2-Butanone (MEK)	123	5.0	µg/L	100	ND	123		70-130	1.03	30	
n-Butylbenzene	9.49	1.0	µg/L	10.0	ND	94.9		70-130	2.13	30	
sec-Butylbenzene	9.75	1.0	µg/L	10.0	ND	97.5		70-130	0.512	30	
tert-Butylbenzene	9.74	1.0	µg/L	10.0	ND	97.4		70-130	1.03	30	
Carbon Disulfide	9.55	5.0	µg/L	10.0	0.180	93.7		70-130	0.209	30	
Carbon Tetrachloride	10.4	1.0	µg/L	10.0	ND	104		70-130	2.84	30	
Chlorobenzene	9.22	0.50	µg/L	10.0	ND	92.2		70-130	6.00	30	
Chlorodibromomethane	11.6	0.50	µg/L	10.0	ND	116		70-130	1.47	30	
Chloroethane	10.1	0.50	µg/L	10.0	ND	101		70-130	16.7	30	
Chloroform	12.6	0.50	µg/L	10.0	1.46	112		70-130	0.635	30	
Chloromethane	8.15	0.50	µg/L	10.0	ND	81.5		70-130	1.73	30	
2-Chlorotoluene	9.61	0.50	µg/L	10.0	ND	96.1		70-130	0.829	30	
4-Chlorotoluene	9.93	0.50	µg/L	10.0	ND	99.3		70-130	2.39	30	
1,2-Dibromo-3-chloropropane (DBCP)	11.2	1.0	µg/L	10.0	ND	112		70-130	11.4	30	
1,2-Dibromoethane (EDB)	11.2	0.50	µg/L	10.0	ND	112		70-130	0.625	30	
Dibromomethane	11.1	0.50	µg/L	10.0	ND	111		70-130	2.74	30	
1,2-Dichlorobenzene	9.29	0.50	µg/L	10.0	ND	92.9		70-130	0.865	30	
1,3-Dichlorobenzene	9.18	0.50	µg/L	10.0	ND	91.8		70-130	0.546	30	
1,4-Dichlorobenzene	9.01	0.50	µg/L	10.0	ND	90.1		70-130	1.87	30	
trans-1,4-Dichloro-2-butene	9.80	2.0	µg/L	10.0	ND	98.0		70-130	3.85	30	
Dichlorodifluoromethane (Freon 12)	3.55	0.50	µg/L	10.0	ND	**35.5**	*	70-130	0.565	30	L-03, MS-09, V-05
1,1-Dichloroethane	9.19	0.50	µg/L	10.0	ND	91.9		70-130	6.22	30	
1,2-Dichloroethane	10.9	0.50	µg/L	10.0	ND	109		70-130	0.459	30	
1,1-Dichloroethylene	8.65	0.50	µg/L	10.0	ND	86.5		70-130	2.96	30	
cis-1,2-Dichloroethylene	10.0	0.50	µg/L	10.0	ND	100		70-130	4.85	30	
trans-1,2-Dichloroethylene	10.5	1.0	µg/L	10.0	ND	105		70-130	3.63	30	
1,2-Dichloropropane	10.6	0.50	µg/L	10.0	ND	106		70-130	0.189	30	
1,3-Dichloropropane	11.2	0.50	µg/L	10.0	ND	112		70-130	0.537	30	
2,2-Dichloropropane	9.72	0.50	µg/L	10.0	ND	97.2		70-130	3.54	30	
1,1-Dichloropropene	10.4	0.50	µg/L	10.0	ND	104		70-130	6.86	30	
cis-1,3-Dichloropropene	9.76	0.50	µg/L	10.0	ND	97.6		70-130	0.411	30	
trans-1,3-Dichloropropene	10.9	0.50	µg/L	10.0	ND	109		70-130	0.553	30	
Ethylbenzene	9.74	0.50	µg/L	10.0	ND	97.4		70-130	0.308	30	

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QUALITY CONTROL

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B024417 - SW-846 5030B											
Matrix Spike Dup (B024417-MSD1)	**Source: 11A0002-04**			Prepared & Analyzed: 01/03/11							
Hexachlorobutadiene	10.9	0.50	µg/L	10.0	ND	109		70-130	3.73	30	
2-Hexanone (MBK)	123	5.0	µg/L	100	ND	123		70-130	1.11	30	
Isopropylbenzene (Cumene)	11.6	0.50	µg/L	10.0	ND	116		70-130	2.05	30	
p-Isopropyltoluene (p-Cymene)	9.51	0.50	µg/L	10.0	ND	95.1		70-130	1.27	30	
Methyl tert-Butyl Ether (MTBE)	10.3	0.50	µg/L	10.0	ND	103		70-130	2.02	30	
Methylene Chloride	6.83	5.0	µg/L	10.0	ND	**68.3**	*	70-130	12.2	30	MS-24
4-Methyl-2-pentanone (MIBK)	118	5.0	µg/L	100	ND	118		70-130	2.73	30	
Naphthalene	11.8	2.0	µg/L	10.0	ND	118		70-130	7.26	30	
n-Propylbenzene	9.78	1.0	µg/L	10.0	ND	97.8		70-130	1.92	30	
Styrene	9.42	1.0	µg/L	10.0	ND	94.2		70-130	2.00	30	
1,1,1,2-Tetrachloroethane	8.54	1.0	µg/L	10.0	ND	85.4		70-130	3.00	30	
1,1,2,2-Tetrachloroethane	10.6	0.50	µg/L	10.0	ND	106		70-130	1.12	30	
Tetrachloroethylene	11.7	1.0	µg/L	10.0	0.960	108		70-130	3.69	30	
Tetrahydrofuran	13.1	10	µg/L	10.0	ND	**131**	*	70-130	5.17	30	L-03, MS-22
Toluene	10.7	1.0	µg/L	10.0	ND	107		70-130	4.20	30	
1,2,3-Trichlorobenzene	11.3	0.50	µg/L	10.0	ND	113		70-130	10.8	30	
1,2,4-Trichlorobenzene	10.5	0.50	µg/L	10.0	ND	105		70-130	8.74	30	
1,1,1-Trichloroethane	11.9	0.50	µg/L	10.0	1.26	106		70-130	6.58	30	
1,1,2-Trichloroethane	10.5	0.50	µg/L	10.0	ND	105		70-130	0.959	30	
Trichloroethylene	10.7	1.0	µg/L	10.0	ND	107		70-130	1.67	30	
Trichlorofluoromethane (Freon 11)	9.89	2.0	µg/L	10.0	ND	98.9		70-130	5.41	30	
1,2,3-Trichloropropane	10.4	0.50	µg/L	10.0	ND	104		70-130	4.92	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.04	0.50	µg/L	10.0	ND	90.4		70-130	3.26	30	
1,2,4-Trimethylbenzene	9.16	0.50	µg/L	10.0	ND	91.6		70-130	1.19	30	
1,3,5-Trimethylbenzene	9.55	0.50	µg/L	10.0	ND	95.5		70-130	0.626	30	
Vinyl Chloride	10.4	1.0	µg/L	10.0	ND	104		70-130	5.85	30	
m+p Xylene	19.5	2.0	µg/L	20.0	ND	97.4		70-130	0.971	30	
o-Xylene	9.76	1.0	µg/L	10.0	ND	97.6		70-130	1.22	30	
Surrogate: 1,2-Dichloroethane-d4	*23.8*		µg/L	25.0		95.0		70-130			
Surrogate: Toluene-d8	*25.2*		µg/L	25.0		101		70-130			
Surrogate: 4-Bromofluorobenzene	*25.1*		µg/L	25.0		100		70-130			
Batch B024463 - SW-846 5030B											
Blank (B024463-BLK1)				Prepared & Analyzed: 01/04/11							
Acetone	ND	10	µg/L								
Acrylonitrile	ND	2.0	µg/L								
Benzene	ND	0.50	µg/L								
Bromobenzene	ND	0.50	µg/L								
Bromodichloromethane	ND	0.50	µg/L								
Bromoform	ND	1.0	µg/L								
Bromomethane	ND	0.50	µg/L								L-03, V-05
2-Butanone (MEK)	ND	5.0	µg/L								
n-Butylbenzene	ND	1.0	µg/L								
sec-Butylbenzene	ND	1.0	µg/L								
tert-Butylbenzene	ND	1.0	µg/L								
Carbon Disulfide	ND	10	µg/L								
Carbon Tetrachloride	ND	0.50	µg/L								
Chlorobenzene	ND	0.50	µg/L								
Chlorodibromomethane	ND	0.50	µg/L								
Chloroethane	ND	0.50	µg/L								
Chloroform	ND	0.50	µg/L								

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024463 - SW-846 5030B										
Blank (B024463-BLK1)				Prepared & Analyzed: 01/04/11						
Chloromethane	ND	1.0	µg/L							
2-Chlorotoluene	ND	0.50	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L							
1,2-Dibromoethane (EDB)	ND	1.0	µg/L							
Dibromomethane	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	0.50	µg/L							
1,3-Dichlorobenzene	ND	0.50	µg/L							
1,4-Dichlorobenzene	ND	0.50	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L							
1,1-Dichloroethane	ND	0.50	µg/L							
1,2-Dichloroethane	ND	0.50	µg/L							
1,1-Dichloroethylene	ND	0.50	µg/L							
cis-1,2-Dichloroethylene	ND	0.50	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	0.50	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	0.50	µg/L							
1,1-Dichloropropene	ND	0.50	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	0.50	µg/L							
Hexachlorobutadiene	ND	0.40	µg/L							
2-Hexanone (MBK)	ND	20	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	2.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L							
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	0.50	µg/L							
1,2,4-Trichlorobenzene	ND	0.50	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	0.50	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	1.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L							
1,2,4-Trimethylbenzene	ND	0.50	µg/L							
1,3,5-Trimethylbenzene	ND	2.0	µg/L							
Vinyl Chloride	ND	1.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B024463 - SW-846 5030B											
Blank (B024463-BLK1)				Prepared & Analyzed: 01/04/11							
Surrogate: 1,2-Dichloroethane-d4	*25.7*		µg/L	25.0		103		70-130			
Surrogate: Toluene-d8	*23.8*		µg/L	25.0		95.4		70-130			
Surrogate: 4-Bromofluorobenzene	*24.4*		µg/L	25.0		97.8		70-130			
LCS (B024463-BS1)				Prepared & Analyzed: 01/04/11							
Acetone	114	10	µg/L	100		114		70-130			
Acrylonitrile	11.4	2.0	µg/L	10.0		114		70-130			
Benzene	11.0	0.50	µg/L	10.0		110		70-130			
Bromobenzene	10.8	0.50	µg/L	10.0		108		70-130			
Bromodichloromethane	9.67	0.50	µg/L	10.0		96.7		70-130			
Bromoform	11.5	1.0	µg/L	10.0		115		70-130			
Bromomethane	6.87	0.50	µg/L	10.0		**68.7**	*	70-130			L-03, V-05
2-Butanone (MEK)	117	5.0	µg/L	100		117		70-130			V-20
n-Butylbenzene	11.3	1.0	µg/L	10.0		113		70-130			
sec-Butylbenzene	11.6	1.0	µg/L	10.0		116		70-130			
tert-Butylbenzene	11.2	1.0	µg/L	10.0		112		70-130			
Carbon Disulfide	115	10	µg/L	100		115		70-130			
Carbon Tetrachloride	12.6	0.50	µg/L	10.0		126		70-130			
Chlorobenzene	11.0	0.50	µg/L	10.0		110		70-130			
Chlorodibromomethane	9.70	0.50	µg/L	10.0		97.0		70-130			
Chloroethane	10.8	0.50	µg/L	10.0		108		70-130			
Chloroform	11.2	0.50	µg/L	10.0		112		70-130			
Chloromethane	9.52	1.0	µg/L	10.0		95.2		70-130			
2-Chlorotoluene	10.6	0.50	µg/L	10.0		106		70-130			
4-Chlorotoluene	9.84	1.0	µg/L	10.0		98.4		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	10.5	1.0	µg/L	10.0		105		70-130			
1,2-Dibromoethane (EDB)	10.1	1.0	µg/L	10.0		101		70-130			
Dibromomethane	10.8	0.50	µg/L	10.0		108		70-130			
1,2-Dichlorobenzene	10.8	0.50	µg/L	10.0		108		70-130			
1,3-Dichlorobenzene	11.0	0.50	µg/L	10.0		110		70-130			
1,4-Dichlorobenzene	10.7	0.50	µg/L	10.0		107		70-130			
trans-1,4-Dichloro-2-butene	10.6	2.0	µg/L	10.0		106		70-130			
Dichlorodifluoromethane (Freon 12)	12.0	0.50	µg/L	10.0		120		70-130			
1,1-Dichloroethane	11.0	0.50	µg/L	10.0		110		70-130			
1,2-Dichloroethane	10.0	0.50	µg/L	10.0		100		70-130			
1,1-Dichloroethylene	11.3	0.50	µg/L	10.0		113		70-130			
cis-1,2-Dichloroethylene	10.8	0.50	µg/L	10.0		108		70-130			
trans-1,2-Dichloroethylene	11.0	1.0	µg/L	10.0		110		70-130			
1,2-Dichloropropane	10.5	0.50	µg/L	10.0		105		70-130			
1,3-Dichloropropane	10.6	0.50	µg/L	10.0		106		70-130			
2,2-Dichloropropane	11.0	0.50	µg/L	10.0		110		70-130			
1,1-Dichloropropene	11.2	0.50	µg/L	10.0		112		70-130			
cis-1,3-Dichloropropene	9.54	0.50	µg/L	10.0		95.4		70-130			
trans-1,3-Dichloropropene	9.25	0.50	µg/L	10.0		92.5		70-130			
Ethylbenzene	10.9	0.50	µg/L	10.0		109		70-130			
Hexachlorobutadiene	10.8	0.40	µg/L	10.0		108		70-130			
2-Hexanone (MBK)	100	20	µg/L	100		100		70-130			
Isopropylbenzene (Cumene)	10.3	1.0	µg/L	10.0		103		70-130			
p-Isopropyltoluene (p-Cymene)	11.0	0.50	µg/L	10.0		110		70-130			
Methyl tert-Butyl Ether (MTBE)	10.2	0.50	µg/L	10.0		102		70-130			
Methylene Chloride	11.6	5.0	µg/L	10.0		116		70-130			
4-Methyl-2-pentanone (MIBK)	105	10	µg/L	100		105		70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024463 - SW-846 5030B										
LCS (B024463-BS1)				Prepared & Analyzed: 01/04/11						
Naphthalene	10.8	2.0	µg/L	10.0		108	70-130			
n-Propylbenzene	10.8	1.0	µg/L	10.0		108	70-130			
Styrene	10.3	2.0	µg/L	10.0		103	70-130			
1,1,1,2-Tetrachloroethane	10.2	0.50	µg/L	10.0		102	70-130			
1,1,2,2-Tetrachloroethane	10.9	1.0	µg/L	10.0		109	70-130			
Tetrachloroethylene	9.47	1.0	µg/L	10.0		94.7	70-130			
Tetrahydrofuran	11.3	10	µg/L	10.0		113	70-130			
Toluene	10.2	1.0	µg/L	10.0		102	70-130			
1,2,3-Trichlorobenzene	10.8	0.50	µg/L	10.0		108	70-130			
1,2,4-Trichlorobenzene	10.4	0.50	µg/L	10.0		104	70-130			
1,1,1-Trichloroethane	10.5	1.0	µg/L	10.0		105	70-130			
1,1,2-Trichloroethane	10.6	0.50	µg/L	10.0		106	70-130			
Trichloroethylene	10.6	1.0	µg/L	10.0		106	70-130			
Trichlorofluoromethane (Freon 11)	11.0	2.0	µg/L	10.0		110	70-130			
1,2,3-Trichloropropane	11.0	1.0	µg/L	10.0		110	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7	0.50	µg/L	10.0		107	70-130			
1,2,4-Trimethylbenzene	11.4	0.50	µg/L	10.0		114	70-130			
1,3,5-Trimethylbenzene	9.67	2.0	µg/L	10.0		96.7	70-130			
Vinyl Chloride	10.8	1.0	µg/L	10.0		108	70-130			
m+p Xylene	20.8	2.0	µg/L	20.0		104	70-130			
o-Xylene	10.2	1.0	µg/L	10.0		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	*24.6*		µg/L	25.0		98.5	70-130			
Surrogate: Toluene-d8	*24.5*		µg/L	25.0		98.0	70-130			
Surrogate: 4-Bromofluorobenzene	*25.4*		µg/L	25.0		102	70-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024456 - SW-846 3510C										
Blank (B024456-BLK1)				Prepared: 01/04/11 Analyzed: 01/05/11						
Acenaphthene	ND	0.30	µg/L							
Acenaphthylene	ND	0.30	µg/L							
Anthracene	ND	0.20	µg/L							
Benzo(a)anthracene	ND	0.050	µg/L							
Benzo(a)pyrene	ND	0.10	µg/L							
Benzo(b)fluoranthene	ND	0.050	µg/L							
Benzo(g,h,i)perylene	ND	0.50	µg/L							
Benzo(k)fluoranthene	ND	0.20	µg/L							
Chrysene	ND	0.20	µg/L							
Dibenz(a,h)anthracene	ND	0.20	µg/L							
Fluoranthene	ND	0.50	µg/L							
Fluorene	ND	1.0	µg/L							
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L							
2-Methylnaphthalene	ND	1.0	µg/L							
Naphthalene	ND	1.0	µg/L							
Phenanthrene	ND	0.050	µg/L							
Pyrene	ND	1.0	µg/L							
Surrogate: Nitrobenzene-d5	*78.4*		µg/L	100		78.4	30-130			
Surrogate: 2-Fluorobiphenyl	*94.9*		µg/L	100		94.9	30-130			
Surrogate: Terphenyl-d14	*101*		µg/L	100		101	30-130			
LCS (B024456-BS1)				Prepared: 01/04/11 Analyzed: 01/05/11						
Acenaphthene	73.5	0.30	µg/L	100		73.5	40-140			
Acenaphthylene	72.1	0.30	µg/L	100		72.1	40-140			
Anthracene	76.1	0.20	µg/L	100		76.1	40-140			
Benzo(a)anthracene	69.9	0.050	µg/L	100		69.9	40-140			
Benzo(a)pyrene	77.8	0.10	µg/L	100		77.8	40-140			
Benzo(b)fluoranthene	87.4	0.050	µg/L	100		87.4	40-140			
Benzo(g,h,i)perylene	92.3	0.50	µg/L	100		92.3	40-140			
Benzo(k)fluoranthene	63.7	0.20	µg/L	100		63.7	40-140			
Chrysene	71.9	0.20	µg/L	100		71.9	40-140			
Dibenz(a,h)anthracene	104	0.20	µg/L	100		104	40-140			
Fluoranthene	72.8	0.50	µg/L	100		72.8	40-140			
Fluorene	74.0	1.0	µg/L	100		74.0	40-140			
Indeno(1,2,3-cd)pyrene	109	0.20	µg/L	100		109	40-140			
2-Methylnaphthalene	102	1.0	µg/L	100		102	40-140			
Naphthalene	73.0	1.0	µg/L	100		73.0	40-140			
Phenanthrene	75.3	0.050	µg/L	100		75.3	40-140			
Pyrene	66.9	1.0	µg/L	100		66.9	40-140			
Surrogate: Nitrobenzene-d5	*73.7*		µg/L	100		73.7	30-130			
Surrogate: 2-Fluorobiphenyl	*88.5*		µg/L	100		88.5	30-130			
Surrogate: Terphenyl-d14	*85.2*		µg/L	100		85.2	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024456 - SW-846 3510C										
LCS Dup (B024456-BSD1)				Prepared: 01/04/11 Analyzed: 01/05/11						
Acenaphthene	81.2	0.30	µg/L	100		81.2	40-140	9.88	20	
Acenaphthylene	78.0	0.30	µg/L	100		78.0	40-140	7.97	20	
Anthracene	81.7	0.20	µg/L	100		81.7	40-140	7.01	20	
Benzo(a)anthracene	76.0	0.050	µg/L	100		76.0	40-140	8.31	50	
Benzo(a)pyrene	83.2	0.10	µg/L	100		83.2	40-140	6.80	20	
Benzo(b)fluoranthene	95.4	0.050	µg/L	100		95.4	40-140	8.70	20	
Benzo(g,h,i)perylene	96.2	0.50	µg/L	100		96.2	40-140	4.17	20	
Benzo(k)fluoranthene	67.6	0.20	µg/L	100		67.6	40-140	5.89	20	
Chrysene	78.0	0.20	µg/L	100		78.0	40-140	8.16	20	
Dibenz(a,h)anthracene	111	0.20	µg/L	100		111	40-140	7.18	20	
Fluoranthene	77.8	0.50	µg/L	100		77.8	40-140	6.77	20	
Fluorene	80.1	1.0	µg/L	100		80.1	40-140	7.91	20	
Indeno(1,2,3-cd)pyrene	117	0.20	µg/L	100		117	40-140	7.51	50	‡
2-Methylnaphthalene	108	1.0	µg/L	100		108	40-140	5.83	20	
Naphthalene	77.1	1.0	µg/L	100		77.1	40-140	5.42	20	
Phenanthrene	81.1	0.050	µg/L	100		81.1	40-140	7.45	20	
Pyrene	71.0	1.0	µg/L	100		71.0	40-140	5.91	20	
Surrogate: Nitrobenzene-d5	*80.9*		µg/L	100		80.9	30-130			
Surrogate: 2-Fluorobiphenyl	*99.0*		µg/L	100		99.0	30-130			
Surrogate: Terphenyl-d14	*94.9*		µg/L	100		94.9	30-130			
Matrix Spike (B024456-MS1)		**Source: 11A0002-04**		Prepared: 01/04/11 Analyzed: 01/05/11						
Acenaphthene	61.9	0.30	µg/L	100	ND	61.9	40-140			
Acenaphthylene	61.1	0.30	µg/L	100	ND	61.1	40-140			
Anthracene	66.0	0.20	µg/L	100	ND	66.0	40-140			
Benzo(a)anthracene	60.9	0.050	µg/L	100	ND	60.9	40-140			
Benzo(a)pyrene	65.4	0.10	µg/L	100	ND	65.4	40-140			
Benzo(b)fluoranthene	73.3	0.050	µg/L	100	ND	73.3	40-140			
Benzo(g,h,i)perylene	69.5	0.50	µg/L	100	ND	69.5	40-140			
Benzo(k)fluoranthene	57.5	0.20	µg/L	100	ND	57.5	40-140			
Chrysene	60.0	0.20	µg/L	100	ND	60.0	40-140			
Dibenz(a,h)anthracene	80.2	0.20	µg/L	100	ND	80.2	40-140			
Fluoranthene	64.6	0.50	µg/L	100	ND	64.6	40-140			
Fluorene	64.0	1.0	µg/L	100	ND	64.0	40-140			
Indeno(1,2,3-cd)pyrene	81.6	0.20	µg/L	100	ND	81.6	40-140			
2-Methylnaphthalene	63.4	1.0	µg/L	100	ND	63.4	40-140			
Naphthalene	58.0	1.0	µg/L	100	ND	58.0	40-140			
Phenanthrene	64.7	0.050	µg/L	100	ND	64.7	40-140			
Pyrene	60.7	1.0	µg/L	100	ND	60.7	40-140			
Surrogate: Nitrobenzene-d5	*60.6*		µg/L	100		60.6	30-130			
Surrogate: 2-Fluorobiphenyl	*76.7*		µg/L	100		76.7	30-130			
Surrogate: Terphenyl-d14	*58.2*		µg/L	100		58.2	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024456 - SW-846 3510C										
Matrix Spike Dup (B024456-MSD1)	**Source: 11A0002-04**			Prepared: 01/04/11 Analyzed: 01/05/11						
Acenaphthene	62.5	0.30	µg/L	100	ND	62.5	40-140	1.01	30	
Acenaphthylene	61.8	0.30	µg/L	100	ND	61.8	40-140	1.03	30	
Anthracene	63.3	0.20	µg/L	100	ND	63.3	40-140	4.27	30	
Benzo(a)anthracene	58.6	0.050	µg/L	100	ND	58.6	40-140	3.85	30	
Benzo(a)pyrene	63.2	0.10	µg/L	100	ND	63.2	40-140	3.53	30	
Benzo(b)fluoranthene	70.0	0.050	µg/L	100	ND	70.0	40-140	4.59	30	
Benzo(g,h,i)perylene	75.5	0.50	µg/L	100	ND	75.5	40-140	8.23	30	
Benzo(k)fluoranthene	51.4	0.20	µg/L	100	ND	51.4	40-140	11.4	30	
Chrysene	58.8	0.20	µg/L	100	ND	58.8	40-140	2.12	30	
Dibenz(a,h)anthracene	88.1	0.20	µg/L	100	ND	88.1	40-140	9.46	30	
Fluoranthene	60.9	0.50	µg/L	100	ND	60.9	40-140	5.83	30	
Fluorene	63.5	1.0	µg/L	100	ND	63.5	40-140	0.737	30	
Indeno(1,2,3-cd)pyrene	90.1	0.20	µg/L	100	ND	90.1	40-140	9.85	30	
2-Methylnaphthalene	62.3	1.0	µg/L	100	ND	62.3	40-140	1.70	30	
Naphthalene	58.8	1.0	µg/L	100	ND	58.8	40-140	1.32	30	
Phenanthrene	63.1	0.050	µg/L	100	ND	63.1	40-140	2.55	30	
Pyrene	54.9	1.0	µg/L	100	ND	54.9	40-140	9.95	30	
Surrogate: Nitrobenzene-d5	*61.8*		µg/L	100		61.8	30-130			
Surrogate: 2-Fluorobiphenyl	*76.2*		µg/L	100		76.2	30-130			
Surrogate: Terphenyl-d14	*51.2*		µg/L	100		51.2	30-130			

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024402 - SW-846 3510C										
Blank (B024402-BLK1)				Prepared: 01/03/11 Analyzed: 01/04/11						
Aroclor-1016	ND	0.20	µg/L							
Aroclor-1016 [2C]	ND	0.20	µg/L							
Aroclor-1221	ND	0.20	µg/L							
Aroclor-1221 [2C]	ND	0.20	µg/L							
Aroclor-1232	ND	0.20	µg/L							
Aroclor-1232 [2C]	ND	0.20	µg/L							
Aroclor-1242	ND	0.20	µg/L							
Aroclor-1242 [2C]	ND	0.20	µg/L							
Aroclor-1248	ND	0.20	µg/L							
Aroclor-1248 [2C]	ND	0.20	µg/L							
Aroclor-1254	ND	0.20	µg/L							
Aroclor-1254 [2C]	ND	0.20	µg/L							
Aroclor-1260	ND	0.20	µg/L							
Aroclor-1260 [2C]	ND	0.20	µg/L							
Aroclor-1262	ND	0.20	µg/L							
Aroclor-1262 [2C]	ND	0.20	µg/L							
Aroclor-1268	ND	0.20	µg/L							
Aroclor-1268 [2C]	ND	0.20	µg/L							
Surrogate: Decachlorobiphenyl	*2.06*		µg/L	2.00		103	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.82*		µg/L	2.00		90.9	30-150			
Surrogate: Tetrachloro-m-xylene	*2.08*		µg/L	2.00		104	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*2.06*		µg/L	2.00		103	30-150			
LCS (B024402-BS1)				Prepared: 01/03/11 Analyzed: 01/04/11						
Aroclor-1016	0.54	0.20	µg/L	0.500		108	40-140			
Aroclor-1016 [2C]	0.57	0.20	µg/L	0.500		113	40-140			
Aroclor-1260	0.55	0.20	µg/L	0.500		110	40-140			
Aroclor-1260 [2C]	0.55	0.20	µg/L	0.500		111	40-140			
Surrogate: Decachlorobiphenyl	*2.28*		µg/L	2.00		114	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.99*		µg/L	2.00		99.5	30-150			
Surrogate: Tetrachloro-m-xylene	*2.21*		µg/L	2.00		110	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*2.14*		µg/L	2.00		107	30-150			
LCS Dup (B024402-BSD1)				Prepared: 01/03/11 Analyzed: 01/04/11						
Aroclor-1016	0.46	0.20	µg/L	0.500		91.2	40-140	16.6	20	
Aroclor-1016 [2C]	0.49	0.20	µg/L	0.500		97.4	40-140	14.9	20	
Aroclor-1260	0.46	0.20	µg/L	0.500		91.3	40-140	18.4	20	
Aroclor-1260 [2C]	0.47	0.20	µg/L	0.500		93.1	40-140	17.5	20	
Surrogate: Decachlorobiphenyl	*1.84*		µg/L	2.00		92.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.63*		µg/L	2.00		81.3	30-150			
Surrogate: Tetrachloro-m-xylene	*1.82*		µg/L	2.00		90.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.78*		µg/L	2.00		89.2	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024402 - SW-846 3510C										
Matrix Spike (B024402-MS1)		**Source: 11A0002-04**		Prepared: 01/03/11 Analyzed: 01/04/11						
Aroclor-1016	0.52	0.20	µg/L	0.500	ND	104	40-140			
Aroclor-1016 [2C]	0.52	0.20	µg/L	0.500	ND	105	40-140			
Aroclor-1260	0.50	0.20	µg/L	0.500	ND	100	40-140			
Aroclor-1260 [2C]	0.51	0.20	µg/L	0.500	ND	102	40-140			
Surrogate: Decachlorobiphenyl	*1.64*		µg/L	2.00		81.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.44*		µg/L	2.00		72.2	30-150			
Surrogate: Tetrachloro-m-xylene	*2.04*		µg/L	2.00		102	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.98*		µg/L	2.00		99.0	30-150			
Matrix Spike Dup (B024402-MSD1)		**Source: 11A0002-04**		Prepared: 01/03/11 Analyzed: 01/04/11						
Aroclor-1016	0.52	0.20	µg/L	0.500	ND	103	40-140	0.295	50	
Aroclor-1016 [2C]	0.53	0.20	µg/L	0.500	ND	107	40-140	2.05	50	
Aroclor-1260	0.51	0.20	µg/L	0.500	ND	103	40-140	2.44	50	
Aroclor-1260 [2C]	0.52	0.20	µg/L	0.500	ND	105	40-140	2.68	50	
Surrogate: Decachlorobiphenyl	*1.61*		µg/L	2.00		80.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.41*		µg/L	2.00		70.7	30-150			
Surrogate: Tetrachloro-m-xylene	*1.98*		µg/L	2.00		98.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.91*		µg/L	2.00		95.6	30-150			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024403 - SW-846 3510C										
Blank (B024403-BLK1)				Prepared: 01/03/11 Analyzed: 01/04/11						
CT ETPH	ND	0.075	mg/L							
Surrogate: o-Terphenyl	*0.0920*		mg/L	0.100		92.0	50-150			
LCS (B024403-BS1)				Prepared: 01/03/11 Analyzed: 01/04/11						
CT ETPH	0.927	0.075	mg/L	1.00		92.7	60-120			
Surrogate: o-Terphenyl	*0.100*		mg/L	0.100		100	50-150			
LCS Dup (B024403-BSD1)				Prepared: 01/03/11 Analyzed: 01/04/11						
CT ETPH	0.936	0.075	mg/L	1.00		93.6	60-120	1.01	30	
Surrogate: o-Terphenyl	*0.0974*		mg/L	0.100		97.4	50-150			
Matrix Spike (B024403-MS1)	**Source: 11A0002-04**			Prepared: 01/03/11 Analyzed: 01/04/11						
CT ETPH	0.715	0.075	mg/L	1.00	0.0832	63.2	50-150			
Surrogate: o-Terphenyl	*0.0766*		mg/L	0.100		76.6	50-150			
Matrix Spike Dup (B024403-MSD1)	**Source: 11A0002-04**			Prepared: 01/03/11 Analyzed: 01/04/11						
CT ETPH	0.658	0.075	mg/L	1.00	0.0832	57.5	50-150	8.30	30	
Surrogate: o-Terphenyl	*0.0729*		mg/L	0.100		72.9	50-150			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024394 - SW-846 7470A Prep										
Blank (B024394-BLK1)				Prepared & Analyzed: 01/03/11						
Mercury	ND	0.00010	mg/L							
LCS (B024394-BS1)				Prepared & Analyzed: 01/03/11						
Mercury	0.00201	0.00010	mg/L	0.00200		100	80-120			
LCS Dup (B024394-BSD1)				Prepared & Analyzed: 01/03/11						
Mercury	0.00202	0.00010	mg/L	0.00200		101	80-120	0.698	20	
Duplicate (B024394-DUP1)		**Source: 11A0002-04**		Prepared & Analyzed: 01/03/11						
Mercury	ND	0.00010	mg/L		ND			NC	20	
Matrix Spike (B024394-MS1)		**Source: 11A0002-04**		Prepared & Analyzed: 01/03/11						
Mercury	0.00199	0.00010	mg/L	0.00200	ND	99.5	75-125			
Matrix Spike Dup (B024394-MSD1)		**Source: 11A0002-04**		Prepared & Analyzed: 01/03/11						
Mercury	0.00199	0.00010	mg/L	0.00200	ND	99.6	75-125	0.104	20	
Batch B024405 - SW-846 3005A										
Blank (B024405-BLK1)				Prepared: 01/03/11 Analyzed: 01/08/11						
Antimony	ND	5.0	µg/L							
Arsenic	ND	2.0	µg/L							
Barium	ND	50	µg/L							
Beryllium	ND	2.0	µg/L							
Cadmium	ND	2.5	µg/L							
Chromium	ND	5.0	µg/L							
Copper	ND	25	µg/L							
Lead	ND	5.0	µg/L							
Nickel	ND	25	µg/L							
Selenium	ND	25	µg/L							
Silver	ND	2.5	µg/L							
Thallium	ND	1.0	µg/L							
Vanadium	ND	25	µg/L							
Zinc	ND	50	µg/L							
LCS (B024405-BS1)				Prepared: 01/03/11 Analyzed: 01/08/11						
Antimony	275	5.0	µg/L	250		110	80-120			
Arsenic	272	2.0	µg/L	250		109	80-120			
Barium	270	50	µg/L	250		108	80-120			
Beryllium	269	2.0	µg/L	250		108	80-120			
Cadmium	264	2.5	µg/L	250		106	80-120			
Chromium	258	5.0	µg/L	250		103	80-120			
Copper	265	25	µg/L	250		106	80-120			
Lead	273	5.0	µg/L	250		109	80-120			
Nickel	263	25	µg/L	250		105	80-120			
Selenium	242	25	µg/L	250		96.6	80-120			
Silver	289	2.5	µg/L	250		115	80-120			
Thallium	251	1.0	µg/L	250		101	80-120			
Vanadium	249	25	µg/L	250		99.6	80-120			
Zinc	269	50	µg/L	250		108	80-120			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B024405 - SW-846 3005A											
LCS Dup (B024405-BSD1)				Prepared: 01/03/11 Analyzed: 01/08/11							
Antimony	293	5.0	µg/L	250		117		80-120	6.43	20	
Arsenic	290	2.0	µg/L	250		116		80-120	6.47	20	
Barium	288	50	µg/L	250		115		80-120	6.62	20	
Beryllium	283	2.0	µg/L	250		113		80-120	5.08	20	
Cadmium	285	2.5	µg/L	250		114		80-120	7.72	20	
Chromium	283	5.0	µg/L	250		113		80-120	9.44	20	
Copper	281	25	µg/L	250		113		80-120	5.95	20	
Lead	293	5.0	µg/L	250		117		80-120	7.21	20	
Nickel	283	25	µg/L	250		113		80-120	7.60	20	
Selenium	263	25	µg/L	250		105		80-120	8.48	20	
Silver	306	2.5	µg/L	250		**122**	*	80-120	5.73	20	L-07
Thallium	269	1.0	µg/L	250		107		80-120	6.68	20	
Vanadium	275	25	µg/L	250		110		80-120	10.0	20	
Zinc	289	50	µg/L	250		115		80-120	6.85	20	
Duplicate (B024405-DUP1)		**Source: 11A0002-04**		Prepared: 01/03/11 Analyzed: 01/08/11							
Antimony	ND	5.0	µg/L		ND				NC	20	
Arsenic	ND	2.0	µg/L		ND				NC	20	
Barium	83.1	50	µg/L		89.6				7.56	20	
Beryllium	ND	2.0	µg/L		ND				NC	20	
Cadmium	ND	2.5	µg/L		ND				NC	20	
Chromium	ND	5.0	µg/L		ND				NC	20	
Copper	ND	25	µg/L		ND				NC	20	
Lead	ND	5.0	µg/L		ND				NC	20	
Nickel	ND	25	µg/L		ND				NC	20	
Selenium	ND	25	µg/L		ND				NC	20	
Silver	ND	2.5	µg/L		ND				NC	20	
Thallium	ND	1.0	µg/L		ND				NC	20	
Vanadium	ND	25	µg/L		ND				NC	20	
Zinc	ND	50	µg/L		ND				NC	20	
Matrix Spike (B024405-MS1)		**Source: 11A0002-04**		Prepared: 01/03/11 Analyzed: 01/08/11							
Antimony	301	10	µg/L	250	0.862	120		75-125			
Arsenic	305	4.0	µg/L	250	ND	122		75-125			
Barium	390	100	µg/L	250	89.6	120		75-125			
Beryllium	305	4.0	µg/L	250	ND	122		75-125			
Cadmium	290	5.0	µg/L	250	ND	116		75-125			
Chromium	295	10	µg/L	250	ND	118		75-125			
Copper	292	50	µg/L	250	2.29	116		75-125			
Lead	303	10	µg/L	250	0.562	121		75-125			
Nickel	296	50	µg/L	250	2.76	117		75-125			
Selenium	283	50	µg/L	250	4.92	111		75-125			
Silver	304	5.0	µg/L	250	ND	122		75-125			
Thallium	279	2.0	µg/L	250	ND	112		75-125			
Vanadium	280	50	µg/L	250	ND	112		75-125			
Zinc	307	100	µg/L	250	ND	123		75-125			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024405 - SW-846 3005A										
Matrix Spike Dup (B024405-MSD1)	**Source: 11A0002-04**			Prepared: 01/03/11 Analyzed: 01/08/11						
Antimony	281	10	µg/L	250	0.862	112	75-125	7.11	20	
Arsenic	280	4.0	µg/L	250	ND	112	75-125	8.39	20	
Barium	364	100	µg/L	250	89.6	110	75-125	6.95	20	
Beryllium	283	4.0	µg/L	250	ND	113	75-125	7.62	20	
Cadmium	276	5.0	µg/L	250	ND	110	75-125	5.21	20	
Chromium	282	10	µg/L	250	ND	113	75-125	4.68	20	
Copper	267	50	µg/L	250	2.29	106	75-125	8.77	20	
Lead	285	10	µg/L	250	0.562	114	75-125	5.98	20	
Nickel	273	50	µg/L	250	2.76	108	75-125	8.36	20	
Selenium	262	50	µg/L	250	4.92	103	75-125	7.73	20	
Silver	288	5.0	µg/L	250	ND	115	75-125	5.54	20	
Thallium	262	2.0	µg/L	250	ND	105	75-125	6.65	20	
Vanadium	267	50	µg/L	250	ND	107	75-125	4.67	20	
Zinc	292	100	µg/L	250	ND	117	75-125	5.11	20	

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024531 - SW846 9014										
Blank (B024531-BLK1)				Prepared & Analyzed: 01/05/11						
Cyanide	ND	0.010	mg/L							
LCS (B024531-BS1)				Prepared & Analyzed: 01/05/11						
Cyanide	0.66	0.010	mg/L	0.676		97.9	80-120			
LCS Dup (B024531-BSD1)				Prepared & Analyzed: 01/05/11						
Cyanide	0.63	0.010	mg/L	0.676		92.7	80-120	5.47	20	
Matrix Spike (B024531-MS1)	**Source: 11A0002-04**			Prepared & Analyzed: 01/05/11						
Cyanide	0.34	0.010	mg/L	0.334	ND	103	75-125			
Matrix Spike Dup (B024531-MSD1)	**Source: 11A0002-04**			Prepared & Analyzed: 01/05/11						
Cyanide	0.36	0.010	mg/L	0.334	ND	109	75-125	5.17	20	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-03	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-05	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the high side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
MS-07A	Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.
MS-09	Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-22	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.
MS-24	Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.
RL-02	Elevated reporting limit due to high concentration of non-target compounds. Requested detection limit not met.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-06	Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Water	
CT ETPH	CT
SW-846 6020A in Water	
Antimony	CT,NH,NY,RI,NC
Arsenic	CT,NH,NY,RI,NC
Barium	CT,NH,NY,RI,NC
Beryllium	CT,NH,NY,RI,NC
Cadmium	CT,NH,NY,RI,NC
Chromium	CT,NH,NY,RI,NC
Copper	CT,NH,NY,RI,NC
Lead	CT,NH,NY,RI,NC
Nickel	CT,NH,NY,RI,NC
Selenium	CT,NH,NY,RI,NC
Silver	CT,NH,NY,RI,NC
Thallium	CT,NH,NY,RI,NC
Vanadium	CT,NC,NH,NY,RI
Zinc	CT,NH,NY,RI,NC
SW-846 7470A in Water	
Mercury	CT,NH,NY,RI,NC
SW-846 8082 in Water	
Aroclor-1016	CT,NH,NY,RI,NC
Aroclor-1016 [2C]	CT,NH,NY,RI,NC
Aroclor-1221	CT,NH,NY,RI,NC
Aroclor-1221 [2C]	CT,NH,NY,RI,NC
Aroclor-1232	CT,NH,NY,RI,NC
Aroclor-1232 [2C]	CT,NH,NY,RI,NC
Aroclor-1242	CT,NH,NY,RI,NC
Aroclor-1242 [2C]	CT,NH,NY,RI,NC
Aroclor-1248	CT,NH,NY,RI,NC
Aroclor-1248 [2C]	CT,NH,NY,RI,NC
Aroclor-1254	CT,NH,NY,RI,NC
Aroclor-1254 [2C]	CT,NH,NY,RI,NC
Aroclor-1260	CT,NH,NY,RI,NC
Aroclor-1260 [2C]	CT,NH,NY,RI,NC
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260B in Water	
Acetone	CT,NH,NY,NC
Acrylonitrile	CT,NY,NC,RI
Benzene	CT,NH,NY,NC,RI
Bromobenzene	NC
Bromodichloromethane	CT,NH,NY,NC,RI
Bromoform	CT,NH,NY,NC,RI
Bromomethane	CT,NH,NY,NC,RI

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Water	
2-Butanone (MEK)	CT,NH,NY,NC
n-Butylbenzene	NY,NC
sec-Butylbenzene	NY,NC
tert-Butylbenzene	NY,NC
Carbon Disulfide	CT,NH,NY,NC
Carbon Tetrachloride	CT,NH,NY,NC,RI
Chlorobenzene	CT,NH,NY,NC,RI
Chlorodibromomethane	CT,NH,NY,NC,RI
Chloroethane	CT,NH,NY,NC,RI
Chloroform	CT,NH,NY,NC,RI
Chloromethane	CT,NH,NY,NC,RI
2-Chlorotoluene	NY,NC
4-Chlorotoluene	NY,NC
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC
Dibromomethane	NH,NY,NC
1,2-Dichlorobenzene	CT,NY,NC,RI
1,3-Dichlorobenzene	CT,NH,NY,NC,RI
1,4-Dichlorobenzene	CT,NH,NY,NC,RI
trans-1,4-Dichloro-2-butene	NH,NY,NC
Dichlorodifluoromethane (Freon 12)	NH,NY,NC,RI
1,1-Dichloroethane	CT,NH,NY,NC,RI
1,2-Dichloroethane	CT,NH,NY,NC,RI
1,1-Dichloroethylene	CT,NH,NY,NC,RI
cis-1,2-Dichloroethylene	NC
trans-1,2-Dichloroethylene	CT,NH,NY,NC,RI
1,2-Dichloropropane	CT,NH,NY,NC,RI
1,3-Dichloropropane	NY,NC
2,2-Dichloropropane	NH,NY,NC
1,1-Dichloropropene	NH,NY,NC
cis-1,3-Dichloropropene	CT,NH,NY,NC,RI
trans-1,3-Dichloropropene	CT,NH,NY,NC,RI
Ethylbenzene	CT,NH,NY,NC,RI
Hexachlorobutadiene	CT,NH,NY,NC
2-Hexanone (MBK)	CT,NH,NY,NC
Isopropylbenzene (Cumene)	NY,NC
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,NC
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,NC
Methylene Chloride	CT,NH,NY,NC,RI
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC
Naphthalene	NH,NY,NC
n-Propylbenzene	CT,NH,NY,NC
Styrene	CT,NH,NY,NC
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC,RI
Tetrachloroethylene	CT,NH,NY,NC,RI
Tetrahydrofuran	NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Water	
Toluene	CT,NH,NY,NC,RI
1,2,3-Trichlorobenzene	NH,NY,NC
1,2,4-Trichlorobenzene	CT,NH,NY,NC
1,1,1-Trichloroethane	CT,NH,NY,NC,RI
1,1,2-Trichloroethane	CT,NH,NY,NC,RI
Trichloroethylene	CT,NH,NY,NC,RI
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC,RI
1,2,3-Trichloropropane	NH,NY,NC
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC
1,2,4-Trimethylbenzene	NY,NC
1,3,5-Trimethylbenzene	NY,NC
Vinyl Chloride	CT,NH,NY,NC,RI
m+p Xylene	CT,NH,NY,NC,RI
o-Xylene	CT,NH,NY,NC,RI
SW-846 8270C in Water	
Acenaphthene	NY,CT,NH
Acenaphthylene	NY,CT,NH
Anthracene	NY,CT,NH
Benzo(a)anthracene	NY,CT,NH
Benzo(a)pyrene	NY,CT,NH
Benzo(b)fluoranthene	NY,CT,NH
Benzo(g,h,i)perylene	NY,CT,NH
Benzo(k)fluoranthene	NY,CT,NH
Chrysene	NY,CT,NH
Dibenz(a,h)anthracene	NY,CT,NH
Fluoranthene	NY,CT,NH
Fluorene	NY,CT,NH
Indeno(1,2,3-cd)pyrene	NY,CT,NH
Naphthalene	NY,CT,NH
Phenanthrene	NY,CT,NH
Pyrene	NY,CT,NH
SW846 9014 in Water	
Cyanide	NY,CT,NH,RI,NC

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The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

(72)

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

11A0002

39 Spruce Street
East longmeadow, MA 01028

Page 1 of

Company Name: AKRF, INC.
Address: 700 MAIN STREET, SUITE C
WILLIMANTIC, CT 06226
Attention: GLEN STEFANIAK
Project Location: 6 RUBBER AVENUE, NAUGATUCK
Sampled By: GLEN STEFANIAK

CELL: 860/428-8497
Telephone: 860/423-7127
Project # 91065
Client PO#

DATA DELIVERY (check all that apply)
○ FAX Ø EMAIL ○ WEBSITE
Fax #
Email: gstefaniak@akrf.com
Format: ØPDF ØEXCEL ○GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	*** Container Type	VOCs	PAHs	ETPH	Total PCBs	Total RSR 15 Metals	Total CN
								3	H	V						
								2	I	A						
								1	I	A						
								1	I	A						
								1	N	P						
								1	X	P						
01	GDC-MW-102	12-30-10	08:48		X	GW	U				X	X	X	X	X	X
02	GDC-MW-102B		08:59													
03	GDC-MW-2		10:21													
04	GDC-MW-108		11:20													
[redacted]	GDC-MW-108-MS		11:20													
[redacted]	GDC-MW-108-MSD		11:20													
05	GDC-MW-110		13:27													
06	GDC-MW-112	↓	15:30		↓	↓	↓				↓	↓	↓	↓	↓	↓

ANALYSIS REQUESTED

Comments:

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:

H - High; M - Medium; L - Low; C - Clean; U - Unknown

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Relinquished by: (signature)	Date/Time: 12·30·10 / 15:55
Received by: (signature)	Date/Time: 12/30/10 3:55
Relinquished by: (signature)	Date/Time: 12/30/10 5:45
Received by: (signature)	Date/Time: 12/30/10 1746

Turnaround ††
☑ 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: SWPC, RGA/VC
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
⊘ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac — ACCREDITED LABORATORY AIHA
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED

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Sample Receipt Checklist

39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

CLIENT NAME: AKRF, Inc. RECEIVED BY: CB DATE: 12/30/10

1) Was the chain(s) of custody relinquished and signed? (Yes) No

2) Does the chain agree with the samples? (Yes) No
If not, explain:

3) Are all the samples in good condition? (Yes) No
If not, explain:

4) How were the samples received:
On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank 3.0°C Temperature °C by Temp gun _____

5) Are there Dissolved samples for the lab to filter? Yes (No)
Who was notified _____ Date _____ Time _____

6) Are there any samples "On Hold"? Yes (No) Stored where: _____

7) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)
Who was notified _____ Date _____ Time _____

8) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature:

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber	32	8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic	8	Plastic Bag / Ziploc	
250 mL plastic	8	Air Cassette	
40 mL Vial - type listed below	24	SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
Flashpoint bottle		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments:

40 mL vials: # HCl 24 # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Do all samples have the proper Acid pH: (Yes) No N/A _____

Do all samples have the proper Base pH: (Yes) No N/A

CT ETPH DISCRIMINATION CHECK

Date Acquired	1/4/11
Data File Name	A0104007.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.07	285523	299264	-5
c - 10	1.42	294528	299264	-2
c - 12	2.14	304542	299264	2
c - 14	2.80	313085	299264	5
c - 16	3.39	319431	299264	7
c - 18	3.96	322673	299264	8
o-Terphenyl	4.23	356579	299264	
c - 20	4.58	318102	299264	6
c - 22	5.09	307101	299264	3
c - 24	5.54	311350	299264	4
c - 26	5.93	305932	299264	2
c - 28	6.29	298904	299264	0
c - 30	6.62	290332	299264	-3
c - 32	6.93	281072	299264	-6
c - 34	7.23	272089	299264	-9
c - 36	7.50	264302	299264	-12

* One compound allowed %D </= 50%

Samples

11A0002-04
10L0771-02
10L0771-05
10L0811-01
10L0811-02
10L0811-03

CT ETPH DISCRIMINATION CHECK

Date Acquired	1/4/11
Data File Name	A0104006.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.30	385253	402486	-4
c - 10	1.67	397869	402486	-1
c - 12	2.42	411799	402486	2
c - 14	3.10	424623	402486	6
c - 16	3.71	432483	402486	7
c - 18	4.36	434292	402486	8
o-Terphenyl	4.65	480714	402486	
c - 20	4.95	423482	402486	5
c - 22	5.45	405067	402486	1
c - 24	5.89	408735	402486	2
c - 26	6.29	401385	402486	0
c - 28	6.65	395756	402486	-2
c - 30	6.99	391580	402486	-3
c - 32	7.30	384605	402486	-4
c - 34	7.60	375686	402486	-7
c - 36	7.98	364668	402486	-9

* One compound allowed %D </= 50%

Samples

10L0811-04
10L0811-05
10L0811-06
10L0811-07
10L0811-08
10L0811-09
11A0002-01
11A0002-02
11A0002-03
11A0002-05
11A0002-06

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: AKRF - WILLIMANTIC, CT

Project Location: 6 Rubber Ave., Naugatuck, CT

Project Number: 11A0002

Laboratory Sample ID(s):

11A0002-01 thru 11A0002-06

Sample Date(s):

12/30/2010

List RCP Methods Used:

CTDEP ETPH, SW-846 6020A, SW-846 7470A, SW-846 8082, SW-846 8260B, SW-846 8270C, SW846 9014

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ 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)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☐ Yes ☑ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

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: Michael A. Erickson **Date:** 01/10/11

Name of Laboratory: Con-Test Analytical Laboratory

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

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

January 11, 2011

Glen Stefaniak
AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226

Project Location: Naugatuck, CT
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 11A0018

Enclosed are results of analyses for samples received by the laboratory on December 30, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Susan M. Burney
Project Manager

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

AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226
ATTN: Glen Stefaniak

REPORT DATE: 1/11/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11A0018

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

PROJECT LOCATION: Naugatuck, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GDCSB-127 (0-2)	11A0018-01	Soil		SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 8270C	
GDCSB-128 (0-2)	11A0018-02	Soil		CTDEP ETPH	
				SM 2540G	
GDCSB-130 (0-2)	11A0018-03	Soil		CTDEP ETPH	
				SM 2540G	
GDCSB-132 (0-2)	11A0018-04	Soil		SM 2540G	
				SW-846 8082	
				SW-846 8270C	
GDCSB-134 (10-12)	11A0018-07	Soil		CTDEP ETPH	
				SM 2540G	
GDCSB-134 (14-16)	11A0018-08	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8260B	
GDCSB-136 (1-3)	11A0018-09	Soil		SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 8082	
GDCSB-138 (6-8)	11A0018-10	Soil		SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 8082	
GDCSB-145 (7-9)	11A0018-11	Soil		SM 2540G	
				SW-846 8082	
GDCSB-146 (2-4)	11A0018-12	Soil		SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 8082	
				SW-846 8270C	
GDCSB-147 (13-15)	11A0018-13	Soil		SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 8082	

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AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226
ATTN: Glen Stefaniak

REPORT DATE: 1/11/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11A0018

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

PROJECT LOCATION: Naugatuck, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GDCSB-148 (9-11)	11A0018-14	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8082	
GDCSB-148 (13-15)	11A0018-15	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8082	
GDCSB-149 (6-8)	11A0018-16	Soil		SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 8082	
GDCSB-149 (12-14)	11A0018-18	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 8082	
				SW-846 8270C	
Trip Blank 2930	11A0018-19	Water		SW-846 8260B	
GDCSB-138 (12-14)	11A0018-20	Soil		SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 8082	
GDCSB-139 (6-8)	11A0018-21	Soil		SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 8082	
GDCSB-141 (6-8)	11A0018-22	Soil		SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 8082	
GDCSB-142 (6-8)	11A0018-24	Soil		SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 8082	

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AKRF - WILLIMANTIC, CT
700 Main Street, Suite C
Willimantic, CT 06226
ATTN: Glen Stefaniak

REPORT DATE: 1/11/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11A0018

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

PROJECT LOCATION: Naugatuck, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GDCSB-142 (10-12)	11A0018-25	Soil		SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 8082	
GDCSB-142 (13-15)	11A0018-26	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 1312	
				SW-846 6010B	
				SW-846 6020A	
				SW-846 8082	
				SW-846 8270C	
GDCSB-143 (8-10)	11A0018-27	Soil		SM 2540G	
				SW-846 8082	

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CASE NARRATIVE SUMMARY

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

For method 6010, only total lead was requested and reported for samples 10A0018-09, -10, -13, -16, -20, -21, -22, -25, and -26. Only total lead and aresnic were requested and reported. for samples 10A0018-01, -12, -18, and -24.

For method 6020, only SPLP lead was requested and reported for samples 10A0018-09, -10, -13, -16, -20, -21, -22, -25, and -26. Only SPLP lead and aresnic were requested and reported. for samples 10A0018-01, -12, -18, and -24.

For method 8270, only PAH compounds were requested and reported.

CTDEP ETPH

Qualifications:

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

Analyte & Samples(s) Qualified:

o-Terphenyl

11A0018-26[GDCSB-142 (13-15)]

SW-846 8260B

Qualifications:

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

Analyte & Samples(s) Qualified:

Bromomethane

11A0018-19[Trip Blank 2930], B024463-BLK1, B024463-BS1

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

Analyte & Samples(s) Qualified:

1,1-Dichloroethane, Acrylonitrile, Carbon Disulfide, Methyl tert-Butyl Ether (MTBE), Methylene Chloride, trans-1,2-Dichloroethylene

11A0018-08[GDCSB-134 (14-16)], B024466-MS1

pH of sample (pH 7) is outside of method specified preservation criteria.

Analyte & Samples(s) Qualified:

11A0018-19[Trip Blank 2930]

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

Analyte & Samples(s) Qualified:

Bromomethane

11A0018-19[Trip Blank 2930], B024463-BLK1, B024463-BS1

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

Analyte & Samples(s) Qualified:

Tetrahydrofuran

11A0018-08[GDCSB-134 (14-16)], B024466-BLK1, B024466-BS1, B024466-MS1

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

Analyte & Samples(s) Qualified:

2-Butanone (MEK)

B024463-BS1

SW-846 8270C

Qualifications:

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

Analyte & Samples(s) Qualified:

Anthracene, Benzo(a)anthracene, Benzo(b)fluoranthene, Chrysene, Fluoranthene, Phenanthrene, Pyrene

11A0018-04[GDCSB-132 (0-2)], 11A0018-01[GDCSB-127 (0-2)]

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

Analyte & Samples(s) Qualified:

Fluoranthene

11A0018-01[GDCSB-127 (0-2)], 11A0018-01RE1[GDCSB-127 (0-2)], 11A0018-04[GDCSB-132 (0-2)], 11A0018-04RE1[GDCSB-132 (0-2)], 11A0018-12[GDCSB-146 (2-4)], 11A0018-18[GDCSB-149 (12-14)], 11A0018-26[GDCSB-142 (13-15)], B024462-BLK1, B024462-BS1, B024462-BSD1

SW-846 8260B

All water reporting limits specified on the chain-of-custody were met except for Acrylonitrile, where the most protective criteria are not met since the laboratory cannot achieve the required RCP calibration criteria at these levels, unless otherwise listed in this narrative.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Daren J. Damboragian
Laboratory Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-127 (0-2) | Sampled: 12/29/2010 08:30

Sample ID: 11A0018-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/10/11 11:05	BGL
Acenaphthene	ND	0.71	mg/Kg dry	4		SW-846 8270C	1/4/11	1/6/11 18:35	BGL
Acenaphthylene	ND	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/10/11 11:05	BGL
Acenaphthylene	2.0	0.71	mg/Kg dry	4		SW-846 8270C	1/4/11	1/6/11 18:35	BGL
Anthracene	ND	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/10/11 11:05	BGL
Anthracene	1.3	0.71	mg/Kg dry	4		SW-846 8270C	1/4/11	1/6/11 18:35	BGL
Benzo(a)anthracene	11	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/10/11 11:05	BGL
Benzo(a)anthracene	14	0.71	mg/Kg dry	4		SW-846 8270C	1/4/11	1/6/11 18:35	BGL
Benzo(a)pyrene	11	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/10/11 11:05	BGL
Benzo(a)pyrene	13	0.71	mg/Kg dry	4		SW-846 8270C	1/4/11	1/6/11 18:35	BGL
Benzo(b)fluoranthene	14	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/10/11 11:05	BGL
Benzo(b)fluoranthene	18	0.71	mg/Kg dry	4	E	SW-846 8270C	1/4/11	1/6/11 18:35	BGL
Benzo(g,h,i)perylene	7.2	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/10/11 11:05	BGL
Benzo(g,h,i)perylene	5.8	0.71	mg/Kg dry	4		SW-846 8270C	1/4/11	1/6/11 18:35	BGL
Benzo(k)fluoranthene	5.9	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/10/11 11:05	BGL
Benzo(k)fluoranthene	7.6	0.71	mg/Kg dry	4		SW-846 8270C	1/4/11	1/6/11 18:35	BGL
Chrysene	12	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/10/11 11:05	BGL
Chrysene	14	0.71	mg/Kg dry	4		SW-846 8270C	1/4/11	1/6/11 18:35	BGL
Dibenz(a,h)anthracene	1.9	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/10/11 11:05	BGL
Dibenz(a,h)anthracene	2.0	0.71	mg/Kg dry	4		SW-846 8270C	1/4/11	1/6/11 18:35	BGL
Fluoranthene	12	1.8	mg/Kg dry	10	R-05	SW-846 8270C	1/4/11	1/10/11 11:05	BGL
Fluoranthene	16	0.71	mg/Kg dry	4	R-05	SW-846 8270C	1/4/11	1/6/11 18:35	BGL
Fluorene	ND	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/10/11 11:05	BGL
Fluorene	ND	0.71	mg/Kg dry	4		SW-846 8270C	1/4/11	1/6/11 18:35	BGL
Indeno(1,2,3-cd)pyrene	9.2	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/10/11 11:05	BGL
Indeno(1,2,3-cd)pyrene	8.4	0.71	mg/Kg dry	4		SW-846 8270C	1/4/11	1/6/11 18:35	BGL
2-Methylnaphthalene	ND	0.71	mg/Kg dry	4		SW-846 8270C	1/4/11	1/6/11 18:35	BGL
2-Methylnaphthalene	ND	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/10/11 11:05	BGL
Naphthalene	ND	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/10/11 11:05	BGL
Naphthalene	ND	0.71	mg/Kg dry	4		SW-846 8270C	1/4/11	1/6/11 18:35	BGL
Phenanthrene	ND	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/10/11 11:05	BGL
Phenanthrene	1.3	0.71	mg/Kg dry	4		SW-846 8270C	1/4/11	1/6/11 18:35	BGL
Pyrene	19	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/10/11 11:05	BGL
Pyrene	20	0.71	mg/Kg dry	4	E	SW-846 8270C	1/4/11	1/6/11 18:35	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	43.4	30-130		1/10/11 11:05
Nitrobenzene-d5	52.2	30-130		1/6/11 18:35
2-Fluorobiphenyl	51.1	30-130		1/6/11 18:35
2-Fluorobiphenyl	49.7	30-130		1/10/11 11:05
Terphenyl-d14	58.6	30-130		1/10/11 11:05
Terphenyl-d14	64.5	30-130		1/6/11 18:35

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-127 (0-2) | Sampled: 12/29/2010 08:30

Sample ID: 11A0018-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	27	2.7	mg/Kg dry	1		SW-846 6010B	1/4/11	1/5/11 14:39	OP
Lead	110	0.80	mg/Kg dry	1		SW-846 6010B	1/4/11	1/5/11 14:39	OP

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-127 (0-2) | Sampled: 12/29/2010 08:30

Sample ID: 11A0018-01

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.7		% Wt	1		SM 2540G	1/4/11	1/5/11 9:50	VAF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-127 (0-2) | Sampled: 12/29/2010 08:30

Sample ID: 11A0018-01

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	12	2.0	µg/L	5		SW-846 6020A	1/6/11	1/6/11 16:52	KSH
Lead	10	5.0	µg/L	5		SW-846 6020A	1/6/11	1/6/11 16:52	KSH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-128 (0-2)

Sample ID: 11A0018-02 | Start Date/Time: 12/29/2010 8:30:00AM

Sample Matrix: Soil | Stop Date/Time: 12/29/2010 8:50:00AM

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	610	230	mg/Kg dry	10		CTDEP ETPH	1/4/11	1/5/11 14:47	CJM

Surrogates	% Recovery	Recovery Limits	Flag	
o-Terphenyl	64.9	50-150		1/5/11 14:47

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-128 (0-2)

Sample ID: 11A0018-02 | Start Date/Time: 12/29/2010 8:30:00AM

Sample Matrix: Soil | Stop Date/Time: 12/29/2010 8:50:00AM

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.0		% Wt	1		SM 2540G	1/4/11	1/5/11 9:50	VAF

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-130 (0-2) | Sampled: 12/29/2010 09:30

Sample ID: 11A0018-03

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	170	48	mg/Kg dry	4		CTDEP ETPH	1/4/11	1/5/11 10:04	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	60.5	50-150					1/5/11 10:04

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-130 (0-2) | Sampled: 12/29/2010 09:30

Sample ID: 11A0018-03

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.6		% Wt	1		SM 2540G	1/4/11	1/5/11 9:50	VAF

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-132 (0-2) | Sampled: 12/29/2010 10:15

Sample ID: 11A0018-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	1.9	0.18	mg/Kg dry	1		SW-846 8270C	1/4/11	1/6/11 19:06	BGL
Acenaphthene	2.2	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/8/11 22:39	BGL
Acenaphthylene	0.34	0.18	mg/Kg dry	1		SW-846 8270C	1/4/11	1/6/11 19:06	BGL
Acenaphthylene	ND	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/8/11 22:39	BGL
Anthracene	6.4	0.18	mg/Kg dry	1	E	SW-846 8270C	1/4/11	1/6/11 19:06	BGL
Anthracene	2.5	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/8/11 22:39	BGL
Benzo(a)anthracene	4.4	0.18	mg/Kg dry	1	E	SW-846 8270C	1/4/11	1/6/11 19:06	BGL
Benzo(a)anthracene	5.2	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/8/11 22:39	BGL
Benzo(a)pyrene	4.0	0.18	mg/Kg dry	1		SW-846 8270C	1/4/11	1/6/11 19:06	BGL
Benzo(a)pyrene	4.3	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/8/11 22:39	BGL
Benzo(b)fluoranthene	6.1	0.18	mg/Kg dry	1	E	SW-846 8270C	1/4/11	1/6/11 19:06	BGL
Benzo(b)fluoranthene	5.6	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/8/11 22:39	BGL
Benzo(g,h,i)perylene	1.5	0.18	mg/Kg dry	1		SW-846 8270C	1/4/11	1/6/11 19:06	BGL
Benzo(g,h,i)perylene	3.2	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/8/11 22:39	BGL
Benzo(k)fluoranthene	2.4	0.18	mg/Kg dry	1		SW-846 8270C	1/4/11	1/6/11 19:06	BGL
Benzo(k)fluoranthene	2.4	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/8/11 22:39	BGL
Chrysene	4.5	0.18	mg/Kg dry	1	E	SW-846 8270C	1/4/11	1/6/11 19:06	BGL
Chrysene	5.3	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/8/11 22:39	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270C	1/4/11	1/6/11 19:06	BGL
Dibenz(a,h)anthracene	ND	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/8/11 22:39	BGL
Fluoranthene	8.6	0.18	mg/Kg dry	1	E, R-05	SW-846 8270C	1/4/11	1/6/11 19:06	BGL
Fluoranthene	11	1.8	mg/Kg dry	10	R-05	SW-846 8270C	1/4/11	1/8/11 22:39	BGL
Fluorene	1.6	0.18	mg/Kg dry	1		SW-846 8270C	1/4/11	1/6/11 19:06	BGL
Fluorene	ND	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/8/11 22:39	BGL
Indeno(1,2,3-cd)pyrene	2.0	0.18	mg/Kg dry	1		SW-846 8270C	1/4/11	1/6/11 19:06	BGL
Indeno(1,2,3-cd)pyrene	4.0	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/8/11 22:39	BGL
2-Methylnaphthalene	0.92	0.18	mg/Kg dry	1		SW-846 8270C	1/4/11	1/6/11 19:06	BGL
2-Methylnaphthalene	ND	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/8/11 22:39	BGL
Naphthalene	0.99	0.18	mg/Kg dry	1		SW-846 8270C	1/4/11	1/6/11 19:06	BGL
Naphthalene	ND	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/8/11 22:39	BGL
Phenanthrene	8.7	0.18	mg/Kg dry	1	E	SW-846 8270C	1/4/11	1/6/11 19:06	BGL
Phenanthrene	10	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/8/11 22:39	BGL
Pyrene	9.9	1.8	mg/Kg dry	10		SW-846 8270C	1/4/11	1/8/11 22:39	BGL
Pyrene	5.3	0.18	mg/Kg dry	1	E	SW-846 8270C	1/4/11	1/6/11 19:06	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	63.3	30-130		1/8/11 22:39
Nitrobenzene-d5	54.3	30-130		1/6/11 19:06
2-Fluorobiphenyl	55.3	30-130		1/6/11 19:06
2-Fluorobiphenyl	71.3	30-130		1/8/11 22:39
Terphenyl-d14	89.4	30-130		1/8/11 22:39
Terphenyl-d14	45.9	30-130		1/6/11 19:06

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-132 (0-2) | Sampled: 12/29/2010 10:15

Sample ID: 11A0018-04

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 9:27	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 9:27	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 9:27	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 9:27	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 9:27	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 9:27	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 9:27	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 9:27	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 9:27	JMB

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	87.4	30-150		1/7/11	9:27
Decachlorobiphenyl [2]	86.8	30-150		1/7/11	9:27
Tetrachloro-m-xylene [1]	80.5	30-150		1/7/11	9:27
Tetrachloro-m-xylene [2]	82.7	30-150		1/7/11	9:27

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-132 (0-2) | Sampled: 12/29/2010 10:15

Sample ID: 11A0018-04

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.3		% Wt	1		SM 2540G	1/4/11	1/5/11 9:50	VAF

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-134 (10-12) | Sampled: 12/29/2010 11:40

Sample ID: 11A0018-07

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	12	mg/Kg dry	1		CTDEP ETPH	1/4/11	1/5/11 9:09	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	66.3	50-150				1/5/11 9:09	

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-134 (10-12) | Sampled: 12/29/2010 11:40

Sample ID: 11A0018-07

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.2		% Wt	1		SM 2540G	1/4/11	1/5/11 9:50	VAF

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-134 (14-16) | Sampled: 12/29/2010 11:45

Sample ID: 11A0018-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.086	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
Acrylonitrile	ND	0.0052	mg/Kg dry	1	MS-07	SW-846 8260B	1/4/11	1/4/11 8:38	MFF
Benzene	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
Bromobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
Bromodichloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
Bromoform	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
Bromomethane	ND	0.0086	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
2-Butanone (MEK)	ND	0.035	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
n-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
sec-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
tert-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
Carbon Disulfide	ND	0.0052	mg/Kg dry	1	MS-07	SW-846 8260B	1/4/11	1/4/11 8:38	MFF
Carbon Tetrachloride	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
Chlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
Chlorodibromomethane	ND	0.00086	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
Chloroethane	ND	0.017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
Chloroform	ND	0.0035	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
Chloromethane	ND	0.0086	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
2-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
4-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
1,2-Dibromoethane (EDB)	ND	0.00086	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
Dibromomethane	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
1,2-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
1,3-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
1,4-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
trans-1,4-Dichloro-2-butene	ND	0.0035	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
1,1-Dichloroethane	ND	0.0017	mg/Kg dry	1	MS-07	SW-846 8260B	1/4/11	1/4/11 8:38	MFF
1,2-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
1,1-Dichloroethylene	ND	0.0035	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
cis-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
trans-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1	MS-07	SW-846 8260B	1/4/11	1/4/11 8:38	MFF
1,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
1,3-Dichloropropane	ND	0.00086	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
2,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
1,1-Dichloropropene	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
cis-1,3-Dichloropropene	ND	0.00086	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
trans-1,3-Dichloropropene	ND	0.00086	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
Ethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
Hexachlorobutadiene	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
2-Hexanone (MBK)	ND	0.017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
Isopropylbenzene (Cumene)	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-134 (14-16) | Sampled: 12/29/2010 11:45

Sample ID: 11A0018-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0035	mg/Kg dry	1	MS-07	SW-846 8260B	1/4/11	1/4/11 8:38	MFF
Methylene Chloride	ND	0.017	mg/Kg dry	1	MS-07	SW-846 8260B	1/4/11	1/4/11 8:38	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
Naphthalene	ND	0.0035	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
n-Propylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
Styrene	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
1,1,2,2-Tetrachloroethane	ND	0.00086	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
Tetrachloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
Tetrahydrofuran	ND	0.0086	mg/Kg dry	1	V-16	SW-846 8260B	1/4/11	1/4/11 8:38	MFF
Toluene	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
1,2,3-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
1,2,4-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
1,1,1-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
1,1,2-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
Trichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0086	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
1,2,3-Trichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0086	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
1,2,4-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
1,3,5-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
Vinyl Chloride	ND	0.0086	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
m+p Xylene	ND	0.0035	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF
o-Xylene	ND	0.0017	mg/Kg dry	1		SW-846 8260B	1/4/11	1/4/11 8:38	MFF

Surrogates	% Recovery	Recovery Limits	Flag		
1,2-Dichloroethane-d4	90.0	70-130		1/4/11	8:38
Toluene-d8	102	70-130		1/4/11	8:38
4-Bromofluorobenzene	102	70-130		1/4/11	8:38

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-134 (14-16) | Sampled: 12/29/2010 11:45

Sample ID: 11A0018-08

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	11	mg/Kg dry	1		CTDEP ETPH	1/4/11	1/5/11 9:28	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	68.7	50-150				1/5/11 9:28	

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-134 (14-16) | Sampled: 12/29/2010 11:45

Sample ID: 11A0018-08

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.4		% Wt	1		SM 2540G	1/4/11	1/5/11 9:50	VAF

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-136 (1-3) | Sampled: 12/29/2010 13:30

Sample ID: 11A0018-09

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 9:41	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 9:41	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 9:41	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 9:41	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 9:41	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 9:41	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 9:41	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 9:41	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 9:41	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	75.0	30-150		1/7/11 9:41
Decachlorobiphenyl [2]	73.1	30-150		1/7/11 9:41
Tetrachloro-m-xylene [1]	87.0	30-150		1/7/11 9:41
Tetrachloro-m-xylene [2]	87.3	30-150		1/7/11 9:41

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-136 (1-3) | Sampled: 12/29/2010 13:30

Sample ID: 11A0018-09

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	240	0.83	mg/Kg dry	1		SW-846 6010B	1/4/11	1/5/11 14:42	OP

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-136 (1-3) | Sampled: 12/29/2010 13:30

Sample ID: 11A0018-09

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.7		% Wt	1		SM 2540G	1/4/11	1/5/11 9:50	VAF

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-136 (1-3) | Sampled: 12/29/2010 13:30

Sample ID: 11A0018-09

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	39	5.0	µg/L	5		SW-846 6020A	1/6/11	1/6/11 16:59	KSH

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-138 (6-8) | Sampled: 12/29/2010 13:55

Sample ID: 11A0018-10

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 19:39	PJG
Aroclor-1221 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 19:39	PJG
Aroclor-1232 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 19:39	PJG
Aroclor-1242 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 19:39	PJG
Aroclor-1248 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 19:39	PJG
Aroclor-1254 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 19:39	PJG
Aroclor-1260 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 19:39	PJG
Aroclor-1262 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 19:39	PJG
Aroclor-1268 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 19:39	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	91.5	30-150		1/5/11 19:39
Decachlorobiphenyl [2]	102	30-150		1/5/11 19:39
Tetrachloro-m-xylene [1]	105	30-150		1/5/11 19:39
Tetrachloro-m-xylene [2]	97.4	30-150		1/5/11 19:39

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-138 (6-8) | Sampled: 12/29/2010 13:55

Sample ID: 11A0018-10

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	1300	1.1	mg/Kg dry	1		SW-846 6010B	1/4/11	1/5/11 14:46	OP

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-138 (6-8) | Sampled: 12/29/2010 13:55

Sample ID: 11A0018-10

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	70.0		% Wt	1		SM 2540G	1/4/11	1/5/11 9:50	VAF

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-138 (6-8) | Sampled: 12/29/2010 13:55

Sample ID: 11A0018-10

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	25	5.0	µg/L	5		SW-846 6020A	1/6/11	1/6/11 17:02	KSH

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-145 (7-9) | Sampled: 12/30/2010 09:00

Sample ID: 11A0018-11

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 19:54	PJG
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 19:54	PJG
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 19:54	PJG
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 19:54	PJG
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 19:54	PJG
Aroclor-1254 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 19:54	PJG
Aroclor-1260 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 19:54	PJG
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 19:54	PJG
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 19:54	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	92.5	30-150		1/5/11 19:54
Decachlorobiphenyl [2]	91.3	30-150		1/5/11 19:54
Tetrachloro-m-xylene [1]	101	30-150		1/5/11 19:54
Tetrachloro-m-xylene [2]	93.7	30-150		1/5/11 19:54

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-145 (7-9) | Sampled: 12/30/2010 09:00

Sample ID: 11A0018-11

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	77.5		% Wt	1		SM 2540G	1/4/11	1/5/11 9:50	VAF

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-146 (2-4) | Sampled: 12/30/2010 09:25

Sample ID: 11A0018-12

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.76	mg/Kg dry	4		SW-846 8270C	1/4/11	1/6/11 19:38	BGL
Acenaphthylene	ND	0.76	mg/Kg dry	4		SW-846 8270C	1/4/11	1/6/11 19:38	BGL
Anthracene	ND	0.76	mg/Kg dry	4		SW-846 8270C	1/4/11	1/6/11 19:38	BGL
Benzo(a)anthracene	1.0	0.76	mg/Kg dry	4		SW-846 8270C	1/4/11	1/6/11 19:38	BGL
Benzo(a)pyrene	1.1	0.76	mg/Kg dry	4		SW-846 8270C	1/4/11	1/6/11 19:38	BGL
Benzo(b)fluoranthene	1.4	0.76	mg/Kg dry	4		SW-846 8270C	1/4/11	1/6/11 19:38	BGL
Benzo(g,h,i)perylene	ND	0.76	mg/Kg dry	4		SW-846 8270C	1/4/11	1/6/11 19:38	BGL
Benzo(k)fluoranthene	ND	0.76	mg/Kg dry	4		SW-846 8270C	1/4/11	1/6/11 19:38	BGL
Chrysene	1.1	0.76	mg/Kg dry	4		SW-846 8270C	1/4/11	1/6/11 19:38	BGL
Dibenz(a,h)anthracene	ND	0.76	mg/Kg dry	4		SW-846 8270C	1/4/11	1/6/11 19:38	BGL
Fluoranthene	1.8	0.76	mg/Kg dry	4	R-05	SW-846 8270C	1/4/11	1/6/11 19:38	BGL
Fluorene	ND	0.76	mg/Kg dry	4		SW-846 8270C	1/4/11	1/6/11 19:38	BGL
Indeno(1,2,3-cd)pyrene	ND	0.76	mg/Kg dry	4		SW-846 8270C	1/4/11	1/6/11 19:38	BGL
2-Methylnaphthalene	ND	0.76	mg/Kg dry	4		SW-846 8270C	1/4/11	1/6/11 19:38	BGL
Naphthalene	ND	0.76	mg/Kg dry	4		SW-846 8270C	1/4/11	1/6/11 19:38	BGL
Phenanthrene	1.5	0.76	mg/Kg dry	4		SW-846 8270C	1/4/11	1/6/11 19:38	BGL
Pyrene	1.4	0.76	mg/Kg dry	4		SW-846 8270C	1/4/11	1/6/11 19:38	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	58.3	30-130		1/6/11 19:38
2-Fluorobiphenyl	53.4	30-130		1/6/11 19:38
Terphenyl-d14	53.0	30-130		1/6/11 19:38

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-146 (2-4) | Sampled: 12/30/2010 09:25

Sample ID: 11A0018-12

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 20:09	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 20:09	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 20:09	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 20:09	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 20:09	PJG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 20:09	PJG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 20:09	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 20:09	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 20:09	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	90.3	30-150		1/5/11 20:09
Decachlorobiphenyl [2]	90.6	30-150		1/5/11 20:09
Tetrachloro-m-xylene [1]	104	30-150		1/5/11 20:09
Tetrachloro-m-xylene [2]	94.8	30-150		1/5/11 20:09

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-146 (2-4) | Sampled: 12/30/2010 09:25

Sample ID: 11A0018-12

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	8.7	2.8	mg/Kg dry	1		SW-846 6010B	1/4/11	1/5/11 14:51	OP
Lead	420	0.83	mg/Kg dry	1		SW-846 6010B	1/4/11	1/5/11 14:51	OP

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-146 (2-4) | Sampled: 12/30/2010 09:25

Sample ID: 11A0018-12

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.6		% Wt	1		SM 2540G	1/4/11	1/5/11 9:50	VAF

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-146 (2-4) | Sampled: 12/30/2010 09:25

Sample ID: 11A0018-12

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.5	2.0	µg/L	5		SW-846 6020A	1/6/11	1/6/11 17:16	KSH
Lead	190	5.0	µg/L	5		SW-846 6020A	1/6/11	1/6/11 17:16	KSH

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-147 (13-15) | Sampled: 12/30/2010 09:35

Sample ID: 11A0018-13

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 9:54	JMB
Aroclor-1221 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 9:54	JMB
Aroclor-1232 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 9:54	JMB
Aroclor-1242 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 9:54	JMB
Aroclor-1248 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 9:54	JMB
Aroclor-1254 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 9:54	JMB
Aroclor-1260 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 9:54	JMB
Aroclor-1262 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 9:54	JMB
Aroclor-1268 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 9:54	JMB

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	64.6	30-150		1/7/11	9:54
Decachlorobiphenyl [2]	65.4	30-150		1/7/11	9:54
Tetrachloro-m-xylene [1]	81.7	30-150		1/7/11	9:54
Tetrachloro-m-xylene [2]	81.9	30-150		1/7/11	9:54

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-147 (13-15) | Sampled: 12/30/2010 09:35

Sample ID: 11A0018-13

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	590	1.0	mg/Kg dry	1		SW-846 6010B	1/4/11	1/5/11 14:54	OP

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-147 (13-15) | Sampled: 12/30/2010 09:35

Sample ID: 11A0018-13

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	71.3		% Wt	1		SM 2540G	1/4/11	1/5/11 9:50	VAF

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-147 (13-15) | Sampled: 12/30/2010 09:35

Sample ID: 11A0018-13

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	830	5.0	µg/L	5		SW-846 6020A	1/6/11	1/6/11 17:19	KSH

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-148 (9-11) | Sampled: 12/30/2010 10:20

Sample ID: 11A0018-14

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:08	JMB
Aroclor-1221 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:08	JMB
Aroclor-1232 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:08	JMB
Aroclor-1242 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:08	JMB
Aroclor-1248 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:08	JMB
Aroclor-1254 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:08	JMB
Aroclor-1260 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:08	JMB
Aroclor-1262 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:08	JMB
Aroclor-1268 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:08	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	70.2	30-150		1/7/11 10:08
Decachlorobiphenyl [2]	73.3	30-150		1/7/11 10:08
Tetrachloro-m-xylene [1]	86.6	30-150		1/7/11 10:08
Tetrachloro-m-xylene [2]	86.9	30-150		1/7/11 10:08

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-148 (9-11) | Sampled: 12/30/2010 10:20

Sample ID: 11A0018-14

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	710	200	mg/Kg dry	5		CTDEP ETPH	1/7/11	1/7/11 14:08	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	89.7	50-150				1/7/11 14:08	

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-148 (9-11) | Sampled: 12/30/2010 10:20

Sample ID: 11A0018-14

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	72.9		% Wt	1		SM 2540G	1/4/11	1/5/11 9:50	VAF

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-148 (13-15) | Sampled: 12/30/2010 10:30

Sample ID: 11A0018-15

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:22	JMB
Aroclor-1221 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:22	JMB
Aroclor-1232 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:22	JMB
Aroclor-1242 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:22	JMB
Aroclor-1248 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:22	JMB
Aroclor-1254 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:22	JMB
Aroclor-1260 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:22	JMB
Aroclor-1262 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:22	JMB
Aroclor-1268 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:22	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	66.4	30-150		1/7/11 10:22
Decachlorobiphenyl [2]	68.6	30-150		1/7/11 10:22
Tetrachloro-m-xylene [1]	82.5	30-150		1/7/11 10:22
Tetrachloro-m-xylene [2]	83.0	30-150		1/7/11 10:22

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-148 (13-15) | Sampled: 12/30/2010 10:30

Sample ID: 11A0018-15

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	2600	300	mg/Kg dry	20		CTDEP ETPH	1/4/11	1/5/11 10:41	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	66.4	50-150					1/5/11 10:41

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-148 (13-15) | Sampled: 12/30/2010 10:30

Sample ID: 11A0018-15

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	66.0		% Wt	1		SM 2540G	1/4/11	1/5/11 9:50	VAF

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-149 (6-8) | Sampled: 12/30/2010 10:11

Sample ID: 11A0018-16

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:35	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:35	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:35	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:35	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:35	JMB
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:35	JMB
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:35	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:35	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:35	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	78.2	30-150		1/7/11 10:35
Decachlorobiphenyl [2]	73.4	30-150		1/7/11 10:35
Tetrachloro-m-xylene [1]	92.2	30-150		1/7/11 10:35
Tetrachloro-m-xylene [2]	92.2	30-150		1/7/11 10:35

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-149 (6-8) | Sampled: 12/30/2010 10:11

Sample ID: 11A0018-16

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	800	0.88	mg/Kg dry	1		SW-846 6010B	1/4/11	1/5/11 14:59	OP

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-149 (6-8) | Sampled: 12/30/2010 10:11

Sample ID: 11A0018-16

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.4		% Wt	1		SM 2540G	1/4/11	1/5/11 9:50	VAF

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-149 (6-8) | Sampled: 12/30/2010 10:11

Sample ID: 11A0018-16

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	83	5.0	µg/L	5		SW-846 6020A	1/6/11	1/6/11 17:23	KSH

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-149 (12-14) | Sampled: 12/30/2010 11:30

Sample ID: 11A0018-18

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.22	mg/Kg dry	1		SW-846 8270C	1/4/11	1/8/11 23:40	BGL
Acenaphthylene	ND	0.22	mg/Kg dry	1		SW-846 8270C	1/4/11	1/8/11 23:40	BGL
Anthracene	ND	0.22	mg/Kg dry	1		SW-846 8270C	1/4/11	1/8/11 23:40	BGL
Benzo(a)anthracene	0.65	0.22	mg/Kg dry	1		SW-846 8270C	1/4/11	1/8/11 23:40	BGL
Benzo(a)pyrene	0.67	0.22	mg/Kg dry	1		SW-846 8270C	1/4/11	1/8/11 23:40	BGL
Benzo(b)fluoranthene	1.1	0.22	mg/Kg dry	1		SW-846 8270C	1/4/11	1/8/11 23:40	BGL
Benzo(g,h,i)perylene	0.68	0.22	mg/Kg dry	1		SW-846 8270C	1/4/11	1/8/11 23:40	BGL
Benzo(k)fluoranthene	0.36	0.22	mg/Kg dry	1		SW-846 8270C	1/4/11	1/8/11 23:40	BGL
Chrysene	1.1	0.22	mg/Kg dry	1		SW-846 8270C	1/4/11	1/8/11 23:40	BGL
Dibenz(a,h)anthracene	ND	0.22	mg/Kg dry	1		SW-846 8270C	1/4/11	1/8/11 23:40	BGL
Fluoranthene	1.4	0.22	mg/Kg dry	1	R-05	SW-846 8270C	1/4/11	1/8/11 23:40	BGL
Fluorene	ND	0.22	mg/Kg dry	1		SW-846 8270C	1/4/11	1/8/11 23:40	BGL
Indeno(1,2,3-cd)pyrene	0.71	0.22	mg/Kg dry	1		SW-846 8270C	1/4/11	1/8/11 23:40	BGL
2-Methylnaphthalene	ND	0.22	mg/Kg dry	1		SW-846 8270C	1/4/11	1/8/11 23:40	BGL
Naphthalene	ND	0.22	mg/Kg dry	1		SW-846 8270C	1/4/11	1/8/11 23:40	BGL
Phenanthrene	1.3	0.22	mg/Kg dry	1		SW-846 8270C	1/4/11	1/8/11 23:40	BGL
Pyrene	1.2	0.22	mg/Kg dry	1		SW-846 8270C	1/4/11	1/8/11 23:40	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	62.6	30-130		1/8/11 23:40
2-Fluorobiphenyl	61.0	30-130		1/8/11 23:40
Terphenyl-d14	74.1	30-130		1/8/11 23:40

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-149 (12-14) | Sampled: 12/30/2010 11:30

Sample ID: 11A0018-18

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:49	JMB
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:49	JMB
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:49	JMB
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:49	JMB
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:49	JMB
Aroclor-1254 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:49	JMB
Aroclor-1260 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:49	JMB
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:49	JMB
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:49	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	74.0	30-150		1/7/11 10:49
Decachlorobiphenyl [2]	74.7	30-150		1/7/11 10:49
Tetrachloro-m-xylene [1]	86.9	30-150		1/7/11 10:49
Tetrachloro-m-xylene [2]	85.6	30-150		1/7/11 10:49

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-149 (12-14) | Sampled: 12/30/2010 11:30

Sample ID: 11A0018-18

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	210	52	mg/Kg dry	4		CTDEP ETPH	1/4/11	1/5/11 10:41	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	57.4	50-150					1/5/11 10:41

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-149 (12-14) | Sampled: 12/30/2010 11:30

Sample ID: 11A0018-18

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.0	3.0	mg/Kg dry	1		SW-846 6010B	1/4/11	1/5/11 15:03	OP
Lead	180	0.90	mg/Kg dry	1		SW-846 6010B	1/4/11	1/5/11 15:03	OP

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-149 (12-14) | Sampled: 12/30/2010 11:30

Sample ID: 11A0018-18

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	77.4		% Wt	1		SM 2540G	1/4/11	1/5/11 9:50	VAF

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-149 (12-14) | Sampled: 12/30/2010 11:30

Sample ID: 11A0018-18

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.2	2.0	µg/L	5		SW-846 6020A	1/6/11	1/6/11 17:26	KSH
Lead	220	5.0	µg/L	5		SW-846 6020A	1/6/11	1/6/11 17:26	KSH

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: Trip Blank 2930

Sample ID: 11A0018-19 | Start Date/Time: 12/29/2010 8:00:00AM

Sample Matrix: Water | Stop Date/Time: 12/30/2010 1:00:00PM

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
Bromomethane	ND	0.50	µg/L	1	L-03, V-05	SW-846 8260B	1/4/11	1/4/11 17:41	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
Carbon Disulfide	ND	10	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
Chloroform	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
Chloromethane	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
Hexachlorobutadiene	ND	0.40	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
2-Hexanone (MBK)	ND	20	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF

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

Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: Trip Blank 2930

Sample ID: 11A0018-19 | Start Date/Time: 12/29/2010 8:00:00AM

Sample Matrix: Water | Stop Date/Time: 12/30/2010 1:00:00PM

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
Styrene	ND	2.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
1,2,3-Trichloropropane	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
1,3,5-Trimethylbenzene	ND	2.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	1/4/11	1/4/11 17:41	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	102	70-130		1/4/11 17:41
Toluene-d8	95.4	70-130		1/4/11 17:41
4-Bromofluorobenzene	97.3	70-130		1/4/11 17:41

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

Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-138 (12-14) | Sampled: 12/29/2010 14:00

Sample ID: 11A0018-20

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 11:02	JMB
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 11:02	JMB
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 11:02	JMB
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 11:02	JMB
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 11:02	JMB
Aroclor-1254 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 11:02	JMB
Aroclor-1260 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 11:02	JMB
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 11:02	JMB
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 11:02	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	78.5	30-150		1/7/11 11:02
Decachlorobiphenyl [2]	82.2	30-150		1/7/11 11:02
Tetrachloro-m-xylene [1]	82.3	30-150		1/7/11 11:02
Tetrachloro-m-xylene [2]	80.7	30-150		1/7/11 11:02

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

Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-138 (12-14) | Sampled: 12/29/2010 14:00

Sample ID: 11A0018-20

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	650	0.99	mg/Kg dry	1		SW-846 6010B	1/4/11	1/5/11 15:07	OP

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

Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-138 (12-14) | Sampled: 12/29/2010 14:00

Sample ID: 11A0018-20

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	76.5		% Wt	1		SM 2540G	1/4/11	1/5/11 9:50	VAF

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-138 (12-14) | Sampled: 12/29/2010 14:00

Sample ID: 11A0018-20

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	1800	5.0	µg/L	5		SW-846 6020A	1/6/11	1/6/11 17:30	KSH

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

Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-139 (6-8) | Sampled: 12/29/2010 14:30

Sample ID: 11A0018-21

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 22:44	PJG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 22:44	PJG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 22:44	PJG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 22:44	PJG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 22:44	PJG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 22:44	PJG
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 22:44	PJG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 22:44	PJG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 22:44	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	84.2	30-150		1/5/11 22:44
Decachlorobiphenyl [2]	86.4	30-150		1/5/11 22:44
Tetrachloro-m-xylene [1]	94.0	30-150		1/5/11 22:44
Tetrachloro-m-xylene [2]	85.8	30-150		1/5/11 22:44

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

Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-139 (6-8) | Sampled: 12/29/2010 14:30

Sample ID: 11A0018-21

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	270	0.85	mg/Kg dry	1		SW-846 6010B	1/4/11	1/5/11 15:33	OP

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

Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-139 (6-8) | Sampled: 12/29/2010 14:30

Sample ID: 11A0018-21

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.9		% Wt	1		SM 2540G	1/4/11	1/5/11 9:50	VAF

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-139 (6-8) | Sampled: 12/29/2010 14:30

Sample ID: 11A0018-21

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	43	5.0	µg/L	5		SW-846 6020A	1/6/11	1/6/11 17:33	KSH

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

Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-141 (6-8) | Sampled: 12/29/2010 13:30

Sample ID: 11A0018-22

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:06	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:06	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:06	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:06	JMB
Aroclor-1248 [1]	0.30	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:06	JMB
Aroclor-1254 [1]	0.20	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:06	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:06	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:06	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:06	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	102	30-150		1/7/11 10:06
Decachlorobiphenyl [2]	81.1	30-150		1/7/11 10:06
Tetrachloro-m-xylene [1]	91.8	30-150		1/7/11 10:06
Tetrachloro-m-xylene [2]	85.5	30-150		1/7/11 10:06

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

Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-141 (6-8) | Sampled: 12/29/2010 13:30

Sample ID: 11A0018-22

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	250	0.82	mg/Kg dry	1		SW-846 6010B	1/4/11	1/5/11 15:37	OP

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

Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-141 (6-8) | Sampled: 12/29/2010 13:30

Sample ID: 11A0018-22

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.3		% Wt	1		SM 2540G	1/4/11	1/5/11 9:50	VAF

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

Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-141 (6-8) | Sampled: 12/29/2010 13:30

Sample ID: 11A0018-22

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	1000	5.0	µg/L	5		SW-846 6020A	1/6/11	1/6/11 17:36	KSH

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

Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-142 (6-8) | Sampled: 12/29/2010 13:50

Sample ID: 11A0018-24

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 23:15	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 23:15	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 23:15	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 23:15	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 23:15	PJG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 23:15	PJG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 23:15	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 23:15	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	1/4/11	1/5/11 23:15	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	91.5	30-150		1/5/11 23:15
Decachlorobiphenyl [2]	90.0	30-150		1/5/11 23:15
Tetrachloro-m-xylene [1]	105	30-150		1/5/11 23:15
Tetrachloro-m-xylene [2]	97.6	30-150		1/5/11 23:15

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-142 (6-8) | Sampled: 12/29/2010 13:50

Sample ID: 11A0018-24

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	4.0	2.8	mg/Kg dry	1		SW-846 6010B	1/4/11	1/5/11 13:58	OP
Lead	12	0.84	mg/Kg dry	1		SW-846 6010B	1/4/11	1/5/11 13:58	OP

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

Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-142 (6-8) | Sampled: 12/29/2010 13:50

Sample ID: 11A0018-24

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.0		% Wt	1		SM 2540G	1/4/11	1/5/11 9:50	VAF

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-142 (6-8) | Sampled: 12/29/2010 13:50

Sample ID: 11A0018-24

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	1/6/11	1/6/11 17:40	KSH
Lead	ND	5.0	µg/L	5		SW-846 6020A	1/6/11	1/6/11 17:40	KSH

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-142 (10-12) | Sampled: 12/29/2010 13:59

Sample ID: 11A0018-25

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:21	JMB
Aroclor-1221 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:21	JMB
Aroclor-1232 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:21	JMB
Aroclor-1242 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:21	JMB
Aroclor-1248 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:21	JMB
Aroclor-1254 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:21	JMB
Aroclor-1260 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:21	JMB
Aroclor-1262 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:21	JMB
Aroclor-1268 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:21	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	92.5	30-150		1/7/11 10:21
Decachlorobiphenyl [2]	74.0	30-150		1/7/11 10:21
Tetrachloro-m-xylene [1]	90.4	30-150		1/7/11 10:21
Tetrachloro-m-xylene [2]	84.5	30-150		1/7/11 10:21

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-142 (10-12) | Sampled: 12/29/2010 13:59

Sample ID: 11A0018-25

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	230	1.1	mg/Kg dry	1		SW-846 6010B	1/4/11	1/5/11 15:40	OP

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-142 (10-12) | Sampled: 12/29/2010 13:59

Sample ID: 11A0018-25

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	68.3		% Wt	1		SM 2540G	1/4/11	1/5/11 9:50	VAF

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-142 (10-12) | Sampled: 12/29/2010 13:59

Sample ID: 11A0018-25

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	ND	5.0	µg/L	5		SW-846 6020A	1/6/11	1/6/11 17:43	KSH

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-142 (13-15) | Sampled: 12/29/2010 16:05

Sample ID: 11A0018-26

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	1.1	mg/Kg dry	4		SW-846 8270C	1/4/11	1/7/11 17:47	BGL
Acenaphthylene	ND	1.1	mg/Kg dry	4		SW-846 8270C	1/4/11	1/7/11 17:47	BGL
Anthracene	2.3	1.1	mg/Kg dry	4		SW-846 8270C	1/4/11	1/7/11 17:47	BGL
Benzo(a)anthracene	6.8	1.1	mg/Kg dry	4		SW-846 8270C	1/4/11	1/7/11 17:47	BGL
Benzo(a)pyrene	6.0	1.1	mg/Kg dry	4		SW-846 8270C	1/4/11	1/7/11 17:47	BGL
Benzo(b)fluoranthene	6.0	1.1	mg/Kg dry	4		SW-846 8270C	1/4/11	1/7/11 17:47	BGL
Benzo(g,h,i)perylene	3.7	1.1	mg/Kg dry	4		SW-846 8270C	1/4/11	1/7/11 17:47	BGL
Benzo(k)fluoranthene	3.5	1.1	mg/Kg dry	4		SW-846 8270C	1/4/11	1/7/11 17:47	BGL
Chrysene	7.9	1.1	mg/Kg dry	4		SW-846 8270C	1/4/11	1/7/11 17:47	BGL
Dibenz(a,h)anthracene	ND	1.1	mg/Kg dry	4		SW-846 8270C	1/4/11	1/7/11 17:47	BGL
Fluoranthene	15	1.1	mg/Kg dry	4	R-05	SW-846 8270C	1/4/11	1/7/11 17:47	BGL
Fluorene	1.3	1.1	mg/Kg dry	4		SW-846 8270C	1/4/11	1/7/11 17:47	BGL
Indeno(1,2,3-cd)pyrene	4.4	1.1	mg/Kg dry	4		SW-846 8270C	1/4/11	1/7/11 17:47	BGL
2-Methylnaphthalene	ND	1.1	mg/Kg dry	4		SW-846 8270C	1/4/11	1/7/11 17:47	BGL
Naphthalene	ND	1.1	mg/Kg dry	4		SW-846 8270C	1/4/11	1/7/11 17:47	BGL
Phenanthrene	11	1.1	mg/Kg dry	4		SW-846 8270C	1/4/11	1/7/11 17:47	BGL
Pyrene	13	1.1	mg/Kg dry	4		SW-846 8270C	1/4/11	1/7/11 17:47	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	49.7	30-130		1/7/11 17:47
2-Fluorobiphenyl	53.0	30-130		1/7/11 17:47
Terphenyl-d14	58.1	30-130		1/7/11 17:47

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-142 (13-15) | Sampled: 12/29/2010 16:05

Sample ID: 11A0018-26

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.16	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:37	JMB
Aroclor-1221 [1]	ND	0.16	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:37	JMB
Aroclor-1232 [1]	ND	0.16	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:37	JMB
Aroclor-1242 [1]	ND	0.16	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:37	JMB
Aroclor-1248 [1]	ND	0.16	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:37	JMB
Aroclor-1254 [1]	ND	0.16	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:37	JMB
Aroclor-1260 [1]	ND	0.16	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:37	JMB
Aroclor-1262 [1]	ND	0.16	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:37	JMB
Aroclor-1268 [1]	ND	0.16	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:37	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	90.4	30-150		1/7/11 10:37
Decachlorobiphenyl [2]	73.4	30-150		1/7/11 10:37
Tetrachloro-m-xylene [1]	89.9	30-150		1/7/11 10:37
Tetrachloro-m-xylene [2]	80.3	30-150		1/7/11 10:37

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-142 (13-15) | Sampled: 12/29/2010 16:05

Sample ID: 11A0018-26

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	4300	2000	mg/Kg dry	125		CTDEP ETPH	1/4/11	1/5/11 14:47	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	*	50-150	S-01			1/5/11 14:47	

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-142 (13-15) | Sampled: 12/29/2010 16:05

Sample ID: 11A0018-26

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	1600	1.3	mg/Kg dry	1		SW-846 6010B	1/4/11	1/5/11 15:45	OP

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-142 (13-15) | Sampled: 12/29/2010 16:05

Sample ID: 11A0018-26

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	61.3		% Wt	1		SM 2540G	1/4/11	1/5/11 9:50	VAF

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-142 (13-15) | Sampled: 12/29/2010 16:05

Sample ID: 11A0018-26

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	140	5.0	µg/L	5		SW-846 6020A	1/6/11	1/7/11 12:17	KSH

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-143 (8-10) | Sampled: 12/29/2010 16:30

Sample ID: 11A0018-27

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:52	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:52	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:52	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:52	JMB
Aroclor-1248 [1]	0.34	0.12	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:52	JMB
Aroclor-1254 [2]	0.31	0.12	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:52	JMB
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:52	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:52	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	1/4/11	1/7/11 10:52	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	89.6	30-150		1/7/11 10:52
Decachlorobiphenyl [2]	72.6	30-150		1/7/11 10:52
Tetrachloro-m-xylene [1]	77.4	30-150		1/7/11 10:52
Tetrachloro-m-xylene [2]	70.6	30-150		1/7/11 10:52

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Project Location: Naugatuck, CT | Sample Description: | Work Order: 11A0018

Date Received: 12/30/2010

Field Sample #: GDCSB-143 (8-10) | Sampled: 12/29/2010 16:30

Sample ID: 11A0018-27

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.8		% Wt	1		SM 2540G	1/4/11	1/5/11 9:50	VAF

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Sample Extraction Data

Prep Method: SW-846 3546-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11A0018-02 [GDCSB-128 (0-2)]	B024461	30.1	2.00	01/04/11
11A0018-03 [GDCSB-130 (0-2)]	B024461	30.1	1.00	01/04/11
11A0018-07 [GDCSB-134 (10-12)]	B024461	30.0	1.00	01/04/11
11A0018-08 [GDCSB-134 (14-16)]	B024461	30.2	1.00	01/04/11
11A0018-15 [GDCSB-148 (13-15)]	B024461	30.2	1.00	01/04/11
11A0018-18 [GDCSB-149 (12-14)]	B024461	30.0	1.00	01/04/11
11A0018-26 [GDCSB-142 (13-15)]	B024461	30.3	1.00	01/04/11

Prep Method: SW-846 3546-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11A0018-14RE1 [GDCSB-148 (9-11)]	B024610	10.1	1.00	01/07/11

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11A0018-01 [GDCSB-127 (0-2)]	B024453	01/04/11
11A0018-02 [GDCSB-128 (0-2)]	B024453	01/04/11
11A0018-03 [GDCSB-130 (0-2)]	B024453	01/04/11
11A0018-04 [GDCSB-132 (0-2)]	B024453	01/04/11
11A0018-07 [GDCSB-134 (10-12)]	B024453	01/04/11
11A0018-08 [GDCSB-134 (14-16)]	B024453	01/04/11
11A0018-09 [GDCSB-136 (1-3)]	B024453	01/04/11
11A0018-10 [GDCSB-138 (6-8)]	B024453	01/04/11
11A0018-11 [GDCSB-145 (7-9)]	B024453	01/04/11
11A0018-12 [GDCSB-146 (2-4)]	B024453	01/04/11
11A0018-13 [GDCSB-147 (13-15)]	B024453	01/04/11
11A0018-14 [GDCSB-148 (9-11)]	B024453	01/04/11
11A0018-15 [GDCSB-148 (13-15)]	B024453	01/04/11
11A0018-16 [GDCSB-149 (6-8)]	B024453	01/04/11
11A0018-18 [GDCSB-149 (12-14)]	B024453	01/04/11
11A0018-20 [GDCSB-138 (12-14)]	B024453	01/04/11
11A0018-21 [GDCSB-139 (6-8)]	B024453	01/04/11
11A0018-22 [GDCSB-141 (6-8)]	B024453	01/04/11
11A0018-24 [GDCSB-142 (6-8)]	B024453	01/04/11
11A0018-25 [GDCSB-142 (10-12)]	B024453	01/04/11
11A0018-26 [GDCSB-142 (13-15)]	B024453	01/04/11
11A0018-27 [GDCSB-143 (8-10)]	B024453	01/04/11

Prep Method: SW-846 3050B-SW-846 6010B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11A0018-01 [GDCSB-127 (0-2)]	B024477	0.993	50.0	01/04/11
11A0018-09 [GDCSB-136 (1-3)]	B024477	1.02	50.0	01/04/11
11A0018-10 [GDCSB-138 (6-8)]	B024477	0.977	50.0	01/04/11
11A0018-12 [GDCSB-146 (2-4)]	B024477	1.02	50.0	01/04/11
11A0018-13 [GDCSB-147 (13-15)]	B024477	1.04	50.0	01/04/11
11A0018-16 [GDCSB-149 (6-8)]	B024477	0.986	50.0	01/04/11
11A0018-18 [GDCSB-149 (12-14)]	B024477	1.07	50.0	01/04/11
11A0018-20 [GDCSB-138 (12-14)]	B024477	0.987	50.0	01/04/11
11A0018-21 [GDCSB-139 (6-8)]	B024477	1.04	50.0	01/04/11

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Sample Extraction Data

Prep Method: SW-846 3050B-SW-846 6010B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11A0018-22 [GDCSB-141 (6-8)]	B024477	0.997	50.0	01/04/11
11A0018-24 [GDCSB-142 (6-8)]	B024477	0.983	50.0	01/04/11
11A0018-25 [GDCSB-142 (10-12)]	B024477	0.961	50.0	01/04/11
11A0018-26 [GDCSB-142 (13-15)]	B024477	0.965	50.0	01/04/11

Prep Method: SW-846 3010A-SW-846 6020A **Leachates were extracted on 1/5/2011 per SW-846 1312 in Batch B024524**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11A0018-01 [GDCSB-127 (0-2)]	B024566	50.0	50.0	01/06/11
11A0018-09 [GDCSB-136 (1-3)]	B024566	50.0	50.0	01/06/11
11A0018-10 [GDCSB-138 (6-8)]	B024566	50.0	50.0	01/06/11
11A0018-12 [GDCSB-146 (2-4)]	B024566	50.0	50.0	01/06/11
11A0018-13 [GDCSB-147 (13-15)]	B024566	50.0	50.0	01/06/11
11A0018-16 [GDCSB-149 (6-8)]	B024566	50.0	50.0	01/06/11
11A0018-18 [GDCSB-149 (12-14)]	B024566	50.0	50.0	01/06/11
11A0018-20 [GDCSB-138 (12-14)]	B024566	50.0	50.0	01/06/11
11A0018-21 [GDCSB-139 (6-8)]	B024566	50.0	50.0	01/06/11
11A0018-22 [GDCSB-141 (6-8)]	B024566	50.0	50.0	01/06/11
11A0018-24 [GDCSB-142 (6-8)]	B024566	50.0	50.0	01/06/11
11A0018-25 [GDCSB-142 (10-12)]	B024566	50.0	50.0	01/06/11
11A0018-26 [GDCSB-142 (13-15)]	B024566	50.0	50.0	01/06/11

Prep Method: SW-846 3546-SW-846 8082

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11A0018-04 [GDCSB-132 (0-2)]	B024455	10.2	50.0	01/04/11
11A0018-09 [GDCSB-136 (1-3)]	B024455	10.2	50.0	01/04/11
11A0018-10 [GDCSB-138 (6-8)]	B024455	10.1	50.0	01/04/11
11A0018-11 [GDCSB-145 (7-9)]	B024455	10.2	50.0	01/04/11
11A0018-12 [GDCSB-146 (2-4)]	B024455	10.0	50.0	01/04/11
11A0018-13 [GDCSB-147 (13-15)]	B024455	10.1	50.0	01/04/11
11A0018-14 [GDCSB-148 (9-11)]	B024455	10.1	50.0	01/04/11
11A0018-15 [GDCSB-148 (13-15)]	B024455	10.1	50.0	01/04/11
11A0018-16 [GDCSB-149 (6-8)]	B024455	10.0	50.0	01/04/11
11A0018-18 [GDCSB-149 (12-14)]	B024455	10.0	50.0	01/04/11
11A0018-20 [GDCSB-138 (12-14)]	B024455	10.2	50.0	01/04/11
11A0018-21 [GDCSB-139 (6-8)]	B024455	10.0	50.0	01/04/11
11A0018-22 [GDCSB-141 (6-8)]	B024455	10.1	50.0	01/04/11
11A0018-24 [GDCSB-142 (6-8)]	B024455	10.1	50.0	01/04/11
11A0018-25 [GDCSB-142 (10-12)]	B024455	10.2	50.0	01/04/11
11A0018-26 [GDCSB-142 (13-15)]	B024455	10.0	50.0	01/04/11
11A0018-27 [GDCSB-143 (8-10)]	B024455	10.0	50.0	01/04/11

Prep Method: SW-846 5035-SW-846 8260B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11A0018-08 [GDCSB-134 (14-16)]	B024466	6.13	10.0	01/04/11

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Sample Extraction Data

Prep Method: SW-846 5030B-SW-846 8260B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11A0018-19 [Trip Blank 2930]	B024463	5	5.00	01/04/11

Prep Method: SW-846 3546-SW-846 8270C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11A0018-01 [GDCSB-127 (0-2)]	B024462	30.2	1.00	01/04/11
11A0018-01RE1 [GDCSB-127 (0-2)]	B024462	30.2	1.00	01/04/11
11A0018-04 [GDCSB-132 (0-2)]	B024462	30.2	1.00	01/04/11
11A0018-04RE1 [GDCSB-132 (0-2)]	B024462	30.2	1.00	01/04/11
11A0018-12 [GDCSB-146 (2-4)]	B024462	30.1	1.00	01/04/11
11A0018-18 [GDCSB-149 (12-14)]	B024462	30.3	1.00	01/04/11
11A0018-26 [GDCSB-142 (13-15)]	B024462	30.1	1.00	01/04/11

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024463 - SW-846 5030B										
Blank (B024463-BLK1)				Prepared & Analyzed: 01/04/11						
Acetone	ND	10	µg/L							
Acrylonitrile	ND	2.0	µg/L							
Benzene	ND	0.50	µg/L							
Bromobenzene	ND	0.50	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	0.50	µg/L							V-05, L-03
2-Butanone (MEK)	ND	5.0	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	10	µg/L							
Carbon Tetrachloride	ND	0.50	µg/L							
Chlorobenzene	ND	0.50	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	0.50	µg/L							
Chloroform	ND	0.50	µg/L							
Chloromethane	ND	1.0	µg/L							
2-Chlorotoluene	ND	0.50	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L							
1,2-Dibromoethane (EDB)	ND	1.0	µg/L							
Dibromomethane	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	0.50	µg/L							
1,3-Dichlorobenzene	ND	0.50	µg/L							
1,4-Dichlorobenzene	ND	0.50	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L							
1,1-Dichloroethane	ND	0.50	µg/L							
1,2-Dichloroethane	ND	0.50	µg/L							
1,1-Dichloroethylene	ND	0.50	µg/L							
cis-1,2-Dichloroethylene	ND	0.50	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	0.50	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	0.50	µg/L							
1,1-Dichloropropene	ND	0.50	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	0.50	µg/L							
Hexachlorobutadiene	ND	0.40	µg/L							
2-Hexanone (MBK)	ND	20	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	2.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L							
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B024463 - SW-846 5030B											
Blank (B024463-BLK1)				Prepared & Analyzed: 01/04/11							
Tetrachloroethylene	ND	1.0	µg/L								
Tetrahydrofuran	ND	10	µg/L								
Toluene	ND	1.0	µg/L								
1,2,3-Trichlorobenzene	ND	0.50	µg/L								
1,2,4-Trichlorobenzene	ND	0.50	µg/L								
1,1,1-Trichloroethane	ND	1.0	µg/L								
1,1,2-Trichloroethane	ND	0.50	µg/L								
Trichloroethylene	ND	1.0	µg/L								
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	1.0	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L								
1,2,4-Trimethylbenzene	ND	0.50	µg/L								
1,3,5-Trimethylbenzene	ND	2.0	µg/L								
Vinyl Chloride	ND	1.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*25.7*		µg/L	25.0		103		70-130			
Surrogate: Toluene-d8	*23.8*		µg/L	25.0		95.4		70-130			
Surrogate: 4-Bromofluorobenzene	*24.4*		µg/L	25.0		97.8		70-130			
LCS (B024463-BS1)				Prepared & Analyzed: 01/04/11							
Acetone	114	10	µg/L	100		114		70-130			
Acrylonitrile	11.4	2.0	µg/L	10.0		114		70-130			
Benzene	11.0	0.50	µg/L	10.0		110		70-130			
Bromobenzene	10.8	0.50	µg/L	10.0		108		70-130			
Bromodichloromethane	9.67	0.50	µg/L	10.0		96.7		70-130			
Bromoform	11.5	1.0	µg/L	10.0		115		70-130			
Bromomethane	6.87	0.50	µg/L	10.0		**68.7**	*	70-130			L-03, V-05
2-Butanone (MEK)	117	5.0	µg/L	100		117		70-130			V-20
n-Butylbenzene	11.3	1.0	µg/L	10.0		113		70-130			
sec-Butylbenzene	11.6	1.0	µg/L	10.0		116		70-130			
tert-Butylbenzene	11.2	1.0	µg/L	10.0		112		70-130			
Carbon Disulfide	115	10	µg/L	100		115		70-130			
Carbon Tetrachloride	12.6	0.50	µg/L	10.0		126		70-130			
Chlorobenzene	11.0	0.50	µg/L	10.0		110		70-130			
Chlorodibromomethane	9.70	0.50	µg/L	10.0		97.0		70-130			
Chloroethane	10.8	0.50	µg/L	10.0		108		70-130			
Chloroform	11.2	0.50	µg/L	10.0		112		70-130			
Chloromethane	9.52	1.0	µg/L	10.0		95.2		70-130			
2-Chlorotoluene	10.6	0.50	µg/L	10.0		106		70-130			
4-Chlorotoluene	9.84	1.0	µg/L	10.0		98.4		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	10.5	1.0	µg/L	10.0		105		70-130			
1,2-Dibromoethane (EDB)	10.1	1.0	µg/L	10.0		101		70-130			
Dibromomethane	10.8	0.50	µg/L	10.0		108		70-130			
1,2-Dichlorobenzene	10.8	0.50	µg/L	10.0		108		70-130			
1,3-Dichlorobenzene	11.0	0.50	µg/L	10.0		110		70-130			
1,4-Dichlorobenzene	10.7	0.50	µg/L	10.0		107		70-130			
trans-1,4-Dichloro-2-butene	10.6	2.0	µg/L	10.0		106		70-130			
Dichlorodifluoromethane (Freon 12)	12.0	0.50	µg/L	10.0		120		70-130			
1,1-Dichloroethane	11.0	0.50	µg/L	10.0		110		70-130			
1,2-Dichloroethane	10.0	0.50	µg/L	10.0		100		70-130			
1,1-Dichloroethylene	11.3	0.50	µg/L	10.0		113		70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024463 - SW-846 5030B										
LCS (B024463-BS1)				Prepared & Analyzed: 01/04/11						
cis-1,2-Dichloroethylene	10.8	0.50	µg/L	10.0		108	70-130			
trans-1,2-Dichloroethylene	11.0	1.0	µg/L	10.0		110	70-130			
1,2-Dichloropropane	10.5	0.50	µg/L	10.0		105	70-130			
1,3-Dichloropropane	10.6	0.50	µg/L	10.0		106	70-130			
2,2-Dichloropropane	11.0	0.50	µg/L	10.0		110	70-130			
1,1-Dichloropropene	11.2	0.50	µg/L	10.0		112	70-130			
cis-1,3-Dichloropropene	9.54	0.50	µg/L	10.0		95.4	70-130			
trans-1,3-Dichloropropene	9.25	0.50	µg/L	10.0		92.5	70-130			
Ethylbenzene	10.9	0.50	µg/L	10.0		109	70-130			
Hexachlorobutadiene	10.8	0.40	µg/L	10.0		108	70-130			
2-Hexanone (MBK)	100	20	µg/L	100		100	70-130			
Isopropylbenzene (Cumene)	10.3	1.0	µg/L	10.0		103	70-130			
p-Isopropyltoluene (p-Cymene)	11.0	0.50	µg/L	10.0		110	70-130			
Methyl tert-Butyl Ether (MTBE)	10.2	0.50	µg/L	10.0		102	70-130			
Methylene Chloride	11.6	5.0	µg/L	10.0		116	70-130			
4-Methyl-2-pentanone (MIBK)	105	10	µg/L	100		105	70-130			
Naphthalene	10.8	2.0	µg/L	10.0		108	70-130			
n-Propylbenzene	10.8	1.0	µg/L	10.0		108	70-130			
Styrene	10.3	2.0	µg/L	10.0		103	70-130			
1,1,1,2-Tetrachloroethane	10.2	0.50	µg/L	10.0		102	70-130			
1,1,2,2-Tetrachloroethane	10.9	1.0	µg/L	10.0		109	70-130			
Tetrachloroethylene	9.47	1.0	µg/L	10.0		94.7	70-130			
Tetrahydrofuran	11.3	10	µg/L	10.0		113	70-130			
Toluene	10.2	1.0	µg/L	10.0		102	70-130			
1,2,3-Trichlorobenzene	10.8	0.50	µg/L	10.0		108	70-130			
1,2,4-Trichlorobenzene	10.4	0.50	µg/L	10.0		104	70-130			
1,1,1-Trichloroethane	10.5	1.0	µg/L	10.0		105	70-130			
1,1,2-Trichloroethane	10.6	0.50	µg/L	10.0		106	70-130			
Trichloroethylene	10.6	1.0	µg/L	10.0		106	70-130			
Trichlorofluoromethane (Freon 11)	11.0	2.0	µg/L	10.0		110	70-130			
1,2,3-Trichloropropane	11.0	1.0	µg/L	10.0		110	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7	0.50	µg/L	10.0		107	70-130			
1,2,4-Trimethylbenzene	11.4	0.50	µg/L	10.0		114	70-130			
1,3,5-Trimethylbenzene	9.67	2.0	µg/L	10.0		96.7	70-130			
Vinyl Chloride	10.8	1.0	µg/L	10.0		108	70-130			
m+p Xylene	20.8	2.0	µg/L	20.0		104	70-130			
o-Xylene	10.2	1.0	µg/L	10.0		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	*24.6*		µg/L	25.0		98.5	70-130			
Surrogate: Toluene-d8	*24.5*		µg/L	25.0		98.0	70-130			
Surrogate: 4-Bromofluorobenzene	*25.4*		µg/L	25.0		102	70-130			
Batch B024466 - SW-846 5035										
Blank (B024466-BLK1)				Prepared & Analyzed: 01/04/11						
Acetone	ND	0.10	mg/Kg wet							
Acrylonitrile	ND	0.0060	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024466 - SW-846 5035										
Blank (B024466-BLK1)				Prepared & Analyzed: 01/04/11						
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024466 - SW-846 5035										
Blank (B024466-BLK1)				Prepared & Analyzed: 01/04/11						
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	*0.0452*		mg/Kg wet	0.0500		90.4	70-130			
Surrogate: Toluene-d8	*0.0490*		mg/Kg wet	0.0500		97.9	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0507*		mg/Kg wet	0.0500		101	70-130			
LCS (B024466-BS1)				Prepared & Analyzed: 01/04/11						
Acetone	0.203	0.10	mg/Kg wet	0.200		102	70-130			
Acrylonitrile	0.0180	0.0060	mg/Kg wet	0.0200		90.2	70-130			
Benzene	0.0187	0.0020	mg/Kg wet	0.0200		93.7	70-130			
Bromobenzene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130			
Bromodichloromethane	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130			
Bromoform	0.0211	0.0020	mg/Kg wet	0.0200		105	70-130			
Bromomethane	0.0174	0.010	mg/Kg wet	0.0200		87.1	70-130			
2-Butanone (MEK)	0.192	0.040	mg/Kg wet	0.200		96.0	70-130			
n-Butylbenzene	0.0182	0.0020	mg/Kg wet	0.0200		91.1	70-130			
sec-Butylbenzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130			
tert-Butylbenzene	0.0180	0.0020	mg/Kg wet	0.0200		89.8	70-130			
Carbon Disulfide	0.187	0.0060	mg/Kg wet	0.200		93.4	70-130			
Carbon Tetrachloride	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130			
Chlorobenzene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130			
Chlorodibromomethane	0.0232	0.0010	mg/Kg wet	0.0200		116	70-130			
Chloroethane	0.0178	0.020	mg/Kg wet	0.0200		89.2	70-130			
Chloroform	0.0191	0.0040	mg/Kg wet	0.0200		95.7	70-130			
Chloromethane	0.0165	0.010	mg/Kg wet	0.0200		82.7	70-130			
2-Chlorotoluene	0.0215	0.0020	mg/Kg wet	0.0200		107	70-130			
4-Chlorotoluene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130			
1,2-Dibromoethane (EDB)	0.0215	0.0010	mg/Kg wet	0.0200		107	70-130			
Dibromomethane	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130			
1,2-Dichlorobenzene	0.0189	0.0020	mg/Kg wet	0.0200		94.6	70-130			
1,3-Dichlorobenzene	0.0192	0.0020	mg/Kg wet	0.0200		95.8	70-130			
1,4-Dichlorobenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.6	70-130			
trans-1,4-Dichloro-2-butene	0.0204	0.0040	mg/Kg wet	0.0200		102	70-130			
Dichlorodifluoromethane (Freon 12)	0.0195	0.020	mg/Kg wet	0.0200		97.4	70-130			
1,1-Dichloroethane	0.0192	0.0020	mg/Kg wet	0.0200		96.2	70-130			
1,2-Dichloroethane	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130			
1,1-Dichloroethylene	0.0204	0.0040	mg/Kg wet	0.0200		102	70-130			
cis-1,2-Dichloroethylene	0.0194	0.0020	mg/Kg wet	0.0200		96.9	70-130			
trans-1,2-Dichloroethylene	0.0196	0.0020	mg/Kg wet	0.0200		97.8	70-130			
1,2-Dichloropropane	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130			
1,3-Dichloropropane	0.0221	0.0010	mg/Kg wet	0.0200		110	70-130			
2,2-Dichloropropane	0.0187	0.0020	mg/Kg wet	0.0200		93.6	70-130			
1,1-Dichloropropene	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130			
cis-1,3-Dichloropropene	0.0216	0.0010	mg/Kg wet	0.0200		108	70-130			
trans-1,3-Dichloropropene	0.0216	0.0010	mg/Kg wet	0.0200		108	70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B024466 - SW-846 5035											
LCS (B024466-BS1)				Prepared & Analyzed: 01/04/11							
Ethylbenzene	0.0215	0.0020	mg/Kg wet	0.0200		107		70-130			
Hexachlorobutadiene	0.0201	0.0020	mg/Kg wet	0.0200		100		70-130			
2-Hexanone (MBK)	0.216	0.020	mg/Kg wet	0.200		108		70-130			
Isopropylbenzene (Cumene)	0.0222	0.0020	mg/Kg wet	0.0200		111		70-130			
p-Isopropyltoluene (p-Cymene)	0.0194	0.0020	mg/Kg wet	0.0200		96.9		70-130			
Methyl tert-Butyl Ether (MTBE)	0.0186	0.0040	mg/Kg wet	0.0200		93.2		70-130			
Methylene Chloride	0.0170	0.020	mg/Kg wet	0.0200		84.8		70-130			
4-Methyl-2-pentanone (MIBK)	0.214	0.020	mg/Kg wet	0.200		107		70-130			
Naphthalene	0.0165	0.0040	mg/Kg wet	0.0200		82.6		70-130			
n-Propylbenzene	0.0215	0.0020	mg/Kg wet	0.0200		108		70-130			
Styrene	0.0225	0.0020	mg/Kg wet	0.0200		113		70-130			
1,1,1,2-Tetrachloroethane	0.0211	0.0020	mg/Kg wet	0.0200		106		70-130			
1,1,2,2-Tetrachloroethane	0.0201	0.0010	mg/Kg wet	0.0200		100		70-130			
Tetrachloroethylene	0.0232	0.0020	mg/Kg wet	0.0200		116		70-130			
Tetrahydrofuran	0.0176	0.010	mg/Kg wet	0.0200		88.1		70-130			V-16
Toluene	0.0220	0.0020	mg/Kg wet	0.0200		110		70-130			
1,2,3-Trichlorobenzene	0.0194	0.0020	mg/Kg wet	0.0200		97.1		70-130			
1,2,4-Trichlorobenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.7		70-130			
1,1,1-Trichloroethane	0.0197	0.0020	mg/Kg wet	0.0200		98.4		70-130			
1,1,2-Trichloroethane	0.0213	0.0020	mg/Kg wet	0.0200		106		70-130			
Trichloroethylene	0.0222	0.0020	mg/Kg wet	0.0200		111		70-130			
Trichlorofluoromethane (Freon 11)	0.0184	0.010	mg/Kg wet	0.0200		91.9		70-130			
1,2,3-Trichloropropane	0.0200	0.0020	mg/Kg wet	0.0200		99.9		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0184	0.010	mg/Kg wet	0.0200		91.9		70-130			
1,2,4-Trimethylbenzene	0.0190	0.0020	mg/Kg wet	0.0200		95.2		70-130			
1,3,5-Trimethylbenzene	0.0233	0.0020	mg/Kg wet	0.0200		116		70-130			
Vinyl Chloride	0.0165	0.010	mg/Kg wet	0.0200		82.6		70-130			
m+p Xylene	0.0452	0.0040	mg/Kg wet	0.0400		113		70-130			
o-Xylene	0.0222	0.0020	mg/Kg wet	0.0200		111		70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0438*		mg/Kg wet	0.0500		87.5		70-130			
Surrogate: Toluene-d8	*0.0491*		mg/Kg wet	0.0500		98.3		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0533*		mg/Kg wet	0.0500		107		70-130			
Matrix Spike (B024466-MS1)		**Source: 11A0018-08**		Prepared & Analyzed: 01/04/11							
Acetone	0.236	0.13	mg/Kg dry	0.251	0.0258	83.6		70-130			
Acrylonitrile	0.0104	0.0075	mg/Kg dry	0.0251	ND	**41.4**	*	70-130			MS-07
Benzene	0.0227	0.0025	mg/Kg dry	0.0251	ND	90.6		70-130			
Bromobenzene	0.0238	0.0025	mg/Kg dry	0.0251	ND	94.8		70-130			
Bromodichloromethane	0.0258	0.0025	mg/Kg dry	0.0251	ND	103		70-130			
Bromoform	0.0236	0.0025	mg/Kg dry	0.0251	ND	94.0		70-130			
Bromomethane	0.0227	0.013	mg/Kg dry	0.0251	ND	90.3		70-130			
2-Butanone (MEK)	0.224	0.050	mg/Kg dry	0.251	ND	89.1		70-130			
n-Butylbenzene	0.0207	0.0025	mg/Kg dry	0.0251	ND	82.5		70-130			
sec-Butylbenzene	0.0254	0.0025	mg/Kg dry	0.0251	ND	101		70-130			
tert-Butylbenzene	0.0214	0.0025	mg/Kg dry	0.0251	ND	85.3		70-130			
Carbon Disulfide	0.0132	0.0075	mg/Kg dry	0.0251	ND	**52.6**	*	70-130			MS-07
Carbon Tetrachloride	0.0257	0.0025	mg/Kg dry	0.0251	ND	102		70-130			
Chlorobenzene	0.0254	0.0025	mg/Kg dry	0.0251	ND	101		70-130			
Chlorodibromomethane	0.0248	0.0013	mg/Kg dry	0.0251	ND	98.9		70-130			
Chloroethane	0.0185	0.025	mg/Kg dry	0.0251	ND	73.5		70-130			
Chloroform	0.0230	0.0050	mg/Kg dry	0.0251	ND	91.6		70-130			
Chloromethane	0.0214	0.013	mg/Kg dry	0.0251	ND	85.2		70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B024466 - SW-846 5035											
Matrix Spike (B024466-MS1)		**Source: 11A0018-08**		Prepared & Analyzed: 01/04/11							
2-Chlorotoluene	0.0252	0.0025	mg/Kg dry	0.0251	ND	100		70-130			
4-Chlorotoluene	0.0266	0.0025	mg/Kg dry	0.0251	ND	106		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0211	0.0025	mg/Kg dry	0.0251	ND	83.9		70-130			
1,2-Dibromoethane (EDB)	0.0236	0.0013	mg/Kg dry	0.0251	ND	94.0		70-130			
Dibromomethane	0.0248	0.0025	mg/Kg dry	0.0251	ND	98.9		70-130			
1,2-Dichlorobenzene	0.0218	0.0025	mg/Kg dry	0.0251	ND	86.8		70-130			
1,3-Dichlorobenzene	0.0219	0.0025	mg/Kg dry	0.0251	ND	87.2		70-130			
1,4-Dichlorobenzene	0.0209	0.0025	mg/Kg dry	0.0251	ND	83.3		70-130			
trans-1,4-Dichloro-2-butene	0.0200	0.0050	mg/Kg dry	0.0251	ND	79.8		70-130			
Dichlorodifluoromethane (Freon 12)	0.0192	0.025	mg/Kg dry	0.0251	ND	76.6		70-130			
1,1-Dichloroethane	0.0131	0.0025	mg/Kg dry	0.0251	ND	**52.3**	*	70-130			MS-07
1,2-Dichloroethane	0.0240	0.0025	mg/Kg dry	0.0251	ND	95.7		70-130			
1,1-Dichloroethylene	0.0179	0.0050	mg/Kg dry	0.0251	ND	71.4		70-130			
cis-1,2-Dichloroethylene	0.0230	0.0025	mg/Kg dry	0.0251	ND	91.5		70-130			
trans-1,2-Dichloroethylene	0.0145	0.0025	mg/Kg dry	0.0251	ND	**57.8**	*	70-130			MS-07
1,2-Dichloropropane	0.0247	0.0025	mg/Kg dry	0.0251	ND	98.5		70-130			
1,3-Dichloropropane	0.0234	0.0013	mg/Kg dry	0.0251	ND	93.2		70-130			
2,2-Dichloropropane	0.0225	0.0025	mg/Kg dry	0.0251	ND	89.8		70-130			
1,1-Dichloropropene	0.0235	0.0025	mg/Kg dry	0.0251	ND	93.5		70-130			
cis-1,3-Dichloropropene	0.0217	0.0013	mg/Kg dry	0.0251	ND	86.3		70-130			
trans-1,3-Dichloropropene	0.0246	0.0013	mg/Kg dry	0.0251	ND	98.1		70-130			
Ethylbenzene	0.0255	0.0025	mg/Kg dry	0.0251	ND	101		70-130			
Hexachlorobutadiene	0.0220	0.0025	mg/Kg dry	0.0251	ND	87.8		70-130			
2-Hexanone (MBK)	0.228	0.025	mg/Kg dry	0.251	ND	90.6		70-130			
Isopropylbenzene (Cumene)	0.0305	0.0025	mg/Kg dry	0.0251	ND	121		70-130			
p-Isopropyltoluene (p-Cymene)	0.0224	0.0025	mg/Kg dry	0.0251	ND	89.3		70-130			
Methyl tert-Butyl Ether (MTBE)	0.0135	0.0050	mg/Kg dry	0.0251	ND	**53.7**	*	70-130			MS-07
Methylene Chloride	0.0117	0.025	mg/Kg dry	0.0251	ND	**46.7**	*	70-130			MS-07
4-Methyl-2-pentanone (MIBK)	0.220	0.025	mg/Kg dry	0.251	ND	87.5		70-130			
Naphthalene	0.0180	0.0050	mg/Kg dry	0.0251	ND	71.7		70-130			
n-Propylbenzene	0.0260	0.0025	mg/Kg dry	0.0251	ND	103		70-130			
Styrene	0.0251	0.0025	mg/Kg dry	0.0251	ND	100		70-130			
1,1,1,2-Tetrachloroethane	0.0240	0.0025	mg/Kg dry	0.0251	ND	95.5		70-130			
1,1,2,2-Tetrachloroethane	0.0219	0.0013	mg/Kg dry	0.0251	ND	87.1		70-130			
Tetrachloroethylene	0.0279	0.0025	mg/Kg dry	0.0251	ND	111		70-130			
Tetrahydrofuran	0.0197	0.013	mg/Kg dry	0.0251	ND	78.4		70-130			V-16
Toluene	0.0252	0.0025	mg/Kg dry	0.0251	ND	100		70-130			
1,2,3-Trichlorobenzene	0.0210	0.0025	mg/Kg dry	0.0251	ND	83.8		70-130			
1,2,4-Trichlorobenzene	0.0209	0.0025	mg/Kg dry	0.0251	ND	83.4		70-130			
1,1,1-Trichloroethane	0.0234	0.0025	mg/Kg dry	0.0251	ND	93.3		70-130			
1,1,2-Trichloroethane	0.0224	0.0025	mg/Kg dry	0.0251	ND	89.1		70-130			
Trichloroethylene	0.0260	0.0025	mg/Kg dry	0.0251	ND	103		70-130			
Trichlorofluoromethane (Freon 11)	0.0246	0.013	mg/Kg dry	0.0251	ND	97.9		70-130			
1,2,3-Trichloropropane	0.0200	0.0025	mg/Kg dry	0.0251	ND	79.5		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0246	0.013	mg/Kg dry	0.0251	ND	97.9		70-130			
1,2,4-Trimethylbenzene	0.0214	0.0025	mg/Kg dry	0.0251	ND	85.1		70-130			
1,3,5-Trimethylbenzene	0.0267	0.0025	mg/Kg dry	0.0251	ND	106		70-130			
Vinyl Chloride	0.0191	0.013	mg/Kg dry	0.0251	ND	76.2		70-130			
m+p Xylene	0.0514	0.0050	mg/Kg dry	0.0502	ND	102		70-130			
o-Xylene	0.0254	0.0025	mg/Kg dry	0.0251	ND	101		70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0562*		mg/Kg dry	0.0628		89.5		70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024466 - SW-846 5035										
Matrix Spike (B024466-MS1)		**Source: 11A0018-08**		Prepared & Analyzed: 01/04/11						
Surrogate: Toluene-d8	*0.0629*		mg/Kg dry	0.0628		100	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0681*		mg/Kg dry	0.0628		109	70-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024462 - SW-846 3546										
Blank (B024462-BLK1)				Prepared: 01/04/11 Analyzed: 01/06/11						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							R-05
Fluorene	ND	0.17	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
Phenanthrene	ND	0.17	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							
Surrogate: Nitrobenzene-d5	*2.79*		mg/Kg wet	3.33		83.7	30-130			
Surrogate: 2-Fluorobiphenyl	*2.58*		mg/Kg wet	3.33		77.3	30-130			
Surrogate: Terphenyl-d14	*3.18*		mg/Kg wet	3.33		95.3	30-130			
LCS (B024462-BS1)				Prepared: 01/04/11 Analyzed: 01/06/11						
Acenaphthene	1.43	0.17	mg/Kg wet	1.67		86.1	40-140			
Acenaphthylene	1.45	0.17	mg/Kg wet	1.67		87.1	40-140			
Anthracene	1.49	0.17	mg/Kg wet	1.67		89.4	40-140			
Benzo(a)anthracene	1.51	0.17	mg/Kg wet	1.67		90.5	40-140			
Benzo(a)pyrene	1.52	0.17	mg/Kg wet	1.67		91.4	40-140			
Benzo(b)fluoranthene	1.48	0.17	mg/Kg wet	1.67		88.8	40-140			
Benzo(g,h,i)perylene	1.74	0.17	mg/Kg wet	1.67		105	40-140			
Benzo(k)fluoranthene	1.56	0.17	mg/Kg wet	1.67		93.6	40-140			
Chrysene	1.51	0.17	mg/Kg wet	1.67		90.5	40-140			
Dibenz(a,h)anthracene	1.63	0.17	mg/Kg wet	1.67		97.8	40-140			
Fluoranthene	1.58	0.17	mg/Kg wet	1.67		94.8	40-140			R-05
Fluorene	1.56	0.17	mg/Kg wet	1.67		93.5	40-140			
Indeno(1,2,3-cd)pyrene	1.73	0.17	mg/Kg wet	1.67		104	40-140			
2-Methylnaphthalene	1.53	0.17	mg/Kg wet	1.67		91.9	40-140			
Naphthalene	1.38	0.17	mg/Kg wet	1.67		83.0	40-140			
Phenanthrene	1.46	0.17	mg/Kg wet	1.67		87.6	40-140			
Pyrene	1.60	0.17	mg/Kg wet	1.67		95.9	40-140			
Surrogate: Nitrobenzene-d5	*3.29*		mg/Kg wet	3.33		98.6	30-130			
Surrogate: 2-Fluorobiphenyl	*3.13*		mg/Kg wet	3.33		94.0	30-130			
Surrogate: Terphenyl-d14	*3.78*		mg/Kg wet	3.33		114	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD		RPD Limit	Notes
Batch B024462 - SW-846 3546											
LCS Dup (B024462-BSD1)				Prepared: 01/04/11 Analyzed: 01/06/11							
Acenaphthene	1.54	0.17	mg/Kg wet	1.67		92.2	40-140	6.82		30	
Acenaphthylene	1.56	0.17	mg/Kg wet	1.67		93.7	40-140	7.23		30	
Anthracene	1.62	0.17	mg/Kg wet	1.67		96.9	40-140	8.12		30	
Benzo(a)anthracene	1.61	0.17	mg/Kg wet	1.67		96.5	40-140	6.46		30	
Benzo(a)pyrene	1.68	0.17	mg/Kg wet	1.67		101	40-140	10.0		30	
Benzo(b)fluoranthene	1.67	0.17	mg/Kg wet	1.67		100	40-140	11.8		30	
Benzo(g,h,i)perylene	1.62	0.17	mg/Kg wet	1.67		97.1	40-140	7.55		30	
Benzo(k)fluoranthene	1.78	0.17	mg/Kg wet	1.67		107	40-140	12.9		30	
Chrysene	1.62	0.17	mg/Kg wet	1.67		97.5	40-140	7.40		30	
Dibenz(a,h)anthracene	1.55	0.17	mg/Kg wet	1.67		92.7	40-140	5.33		30	
Fluoranthene	2.17	0.17	mg/Kg wet	1.67		130	40-140	**31.6**	*	30	R-05
Fluorene	1.64	0.17	mg/Kg wet	1.67		98.6	40-140	5.33		30	
Indeno(1,2,3-cd)pyrene	1.67	0.17	mg/Kg wet	1.67		100	40-140	3.33		30	
2-Methylnaphthalene	1.50	0.17	mg/Kg wet	1.67		89.9	40-140	2.20		30	
Naphthalene	1.47	0.17	mg/Kg wet	1.67		88.2	40-140	6.08		30	
Phenanthrene	1.59	0.17	mg/Kg wet	1.67		95.3	40-140	8.36		30	
Pyrene	1.26	0.17	mg/Kg wet	1.67		75.6	40-140	23.7		30	
Surrogate: Nitrobenzene-d5	*3.19*		mg/Kg wet	3.33		95.7	30-130				
Surrogate: 2-Fluorobiphenyl	*3.32*		mg/Kg wet	3.33		99.6	30-130				
Surrogate: Terphenyl-d14	*3.00*		mg/Kg wet	3.33		90.2	30-130				

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024455 - SW-846 3546										
Blank (B024455-BLK1)				Prepared: 01/04/11 Analyzed: 01/05/11						
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.198*		mg/Kg wet	0.200		99.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.190*		mg/Kg wet	0.200		94.9	30-150			
Surrogate: Tetrachloro-m-xylene	*0.206*		mg/Kg wet	0.200		103	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.192*		mg/Kg wet	0.200		96.0	30-150			
LCS (B024455-BS1)				Prepared: 01/04/11 Analyzed: 01/05/11						
Aroclor-1016	0.17	0.10	mg/Kg wet	0.200		84.8	40-140			
Aroclor-1016 [2C]	0.19	0.10	mg/Kg wet	0.200		92.5	40-140			
Aroclor-1260	0.17	0.10	mg/Kg wet	0.200		85.3	40-140			
Aroclor-1260 [2C]	0.18	0.10	mg/Kg wet	0.200		88.5	40-140			
Surrogate: Decachlorobiphenyl	*0.178*		mg/Kg wet	0.200		88.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.171*		mg/Kg wet	0.200		85.3	30-150			
Surrogate: Tetrachloro-m-xylene	*0.197*		mg/Kg wet	0.200		98.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.186*		mg/Kg wet	0.200		92.9	30-150			
LCS Dup (B024455-BSD1)				Prepared: 01/04/11 Analyzed: 01/05/11						
Aroclor-1016	0.19	0.10	mg/Kg wet	0.200		94.4	40-140	10.7	30	
Aroclor-1016 [2C]	0.20	0.10	mg/Kg wet	0.200		102	40-140	9.65	30	
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200		93.7	40-140	9.46	30	
Aroclor-1260 [2C]	0.20	0.10	mg/Kg wet	0.200		97.5	40-140	9.72	30	
Surrogate: Decachlorobiphenyl	*0.192*		mg/Kg wet	0.200		95.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.184*		mg/Kg wet	0.200		92.2	30-150			
Surrogate: Tetrachloro-m-xylene	*0.213*		mg/Kg wet	0.200		106	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.201*		mg/Kg wet	0.200		101	30-150			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024461 - SW-846 3546										
Blank (B024461-BLK1)				Prepared: 01/04/11 Analyzed: 01/05/11						
CT ETPH	ND	10	mg/Kg wet							
Surrogate: o-Terphenyl	*3.20*		mg/Kg wet	3.33		96.1	50-150			
LCS (B024461-BS1)				Prepared: 01/04/11 Analyzed: 01/05/11						
CT ETPH	30.6	10	mg/Kg wet	33.3		91.9	60-120			
Surrogate: o-Terphenyl	*3.20*		mg/Kg wet	3.33		96.1	50-150			
LCS Dup (B024461-BSD1)				Prepared: 01/04/11 Analyzed: 01/05/11						
CT ETPH	30.8	10	mg/Kg wet	33.3		92.3	60-120	0.402	30	
Surrogate: o-Terphenyl	*3.25*		mg/Kg wet	3.33		97.5	50-150			
Batch B024610 - SW-846 3546										
Blank (B024610-BLK1)				Prepared & Analyzed: 01/07/11						
CT ETPH	ND	10	mg/Kg wet							
Surrogate: o-Terphenyl	*2.53*		mg/Kg wet	3.33		76.0	50-150			
LCS (B024610-BS1)				Prepared & Analyzed: 01/07/11						
CT ETPH	23.6	10	mg/Kg wet	33.3		70.7	60-120			
Surrogate: o-Terphenyl	*2.60*		mg/Kg wet	3.33		78.0	50-150			
LCS Dup (B024610-BSD1)				Prepared & Analyzed: 01/07/11						
CT ETPH	24.6	10	mg/Kg wet	33.3		73.7	60-120	4.17	30	
Surrogate: o-Terphenyl	*2.74*		mg/Kg wet	3.33		82.3	50-150			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024477 - SW-846 3050B										
Blank (B024477-BLK1)				Prepared: 01/04/11 Analyzed: 01/05/11						
Arsenic	ND	2.5	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
LCS (B024477-BS1)				Prepared: 01/04/11 Analyzed: 01/05/11						
Arsenic	110	4.9	mg/Kg wet	109		101	81.6-118.4			
Lead	167	1.5	mg/Kg wet	152		110	79.1-120.3			
LCS (B024477-BS2)				Prepared: 01/04/11 Analyzed: 01/05/11						
Lead	0.807	0.72	mg/Kg wet	0.722		112	80-120			
LCS Dup (B024477-BSD1)				Prepared: 01/04/11 Analyzed: 01/05/11						
Arsenic	102	4.9	mg/Kg wet	109		93.5	81.6-118.4	7.91	30	
Lead	150	1.5	mg/Kg wet	152		98.4	79.1-120.3	10.7	30	
Duplicate (B024477-DUP1)	**Source: 11A0018-24**			Prepared: 01/04/11 Analyzed: 01/05/11						
Arsenic	3.92	2.7	mg/Kg dry		3.96			0.884	35	
Lead	14.5	0.82	mg/Kg dry		11.8			20.1	35	
Matrix Spike (B024477-MS1)	**Source: 11A0018-24**			Prepared: 01/04/11 Analyzed: 01/05/11						
Arsenic	29.2	2.7	mg/Kg dry	26.6	3.96	94.9	75-125			
Lead	37.8	0.80	mg/Kg dry	26.6	11.8	97.4	75-125			

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024453 - % Solids										
Duplicate (B024453-DUP4)	**Source: 11A0018-02**			Prepared: 01/04/11 Analyzed: 01/05/11						
% Solids	86.8		% Wt		88.0			1.37	20	
Duplicate (B024453-DUP5)	**Source: 11A0018-20**			Prepared: 01/04/11 Analyzed: 01/05/11						
% Solids	82.4		% Wt		76.5			7.43	20	
Duplicate (B024453-DUP6)	**Source: 11A0018-27**			Prepared: 01/04/11 Analyzed: 01/05/11						
% Solids	81.6		% Wt		80.8			0.985	20	

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QUALITY CONTROL

SPLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024566 - SW-846 3010A										
Blank (B024566-BLK1)				Prepared & Analyzed: 01/06/11						
Arsenic	ND	2.0	µg/L							
Lead	ND	5.0	µg/L							
LCS (B024566-BS1)				Prepared & Analyzed: 01/06/11						
Arsenic	260	2.0	µg/L	250		104	80-120			
Lead	249	5.0	µg/L	250		99.7	80-120			
LCS Dup (B024566-BSD1)				Prepared & Analyzed: 01/06/11						
Arsenic	283	2.0	µg/L	250		113	80-120	8.20	20	
Lead	278	5.0	µg/L	250		111	80-120	10.8	20	
Matrix Spike (B024566-MS1)	**Source: 11A0018-01**			Prepared & Analyzed: 01/06/11						
Arsenic	254	2.0	µg/L	250	12.0	97.0	75-125			
Lead	247	5.0	µg/L	250	10.5	94.7	75-125			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
E	Reported result is estimated. Value reported over verified calibration range.
L-03	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.
MS-07	Matrix spike recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of sample matrix effects that lead to low bias for reported result or non-homogeneous sample aliquot cannot be eliminated.
PR-10	pH of sample (pH 7) is outside of method specified preservation criteria.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Soil	
CT ETPH	CT
SW-846 6010B in Soil	
Arsenic	CT,NH,NY
Lead	CT,NH,NY,AIHA
SW-846 8082 in Soil	
Aroclor-1016	CT,NH,NY,NC
Aroclor-1016 [2C]	CT,NH,NY,NC
Aroclor-1221	CT,NH,NY,NC
Aroclor-1221 [2C]	CT,NH,NY,NC
Aroclor-1232	CT,NH,NY,NC
Aroclor-1232 [2C]	CT,NH,NY,NC
Aroclor-1242	CT,NH,NY,NC
Aroclor-1242 [2C]	CT,NH,NY,NC
Aroclor-1248	CT,NH,NY,NC
Aroclor-1248 [2C]	CT,NH,NY,NC
Aroclor-1254	CT,NH,NY,NC
Aroclor-1254 [2C]	CT,NH,NY,NC
Aroclor-1260	CT,NH,NY,NC
Aroclor-1260 [2C]	CT,NH,NY,NC
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260B in Soil	
Acetone	CT,NH,NY,NC
Acrylonitrile	CT,NH,NY,NC
Benzene	CT,NH,NY,NC
Bromobenzene	NH,NY,NC
Bromodichloromethane	CT,NH,NY,NC
Bromoform	CT,NH,NY,NC
Bromomethane	CT,NH,NY,NC
2-Butanone (MEK)	CT,NH,NY,NC
n-Butylbenzene	CT,NH,NY,NC
sec-Butylbenzene	CT,NH,NY,NC
tert-Butylbenzene	CT,NH,NY,NC
Carbon Disulfide	CT,NH,NY,NC
Carbon Tetrachloride	CT,NH,NY,NC
Chlorobenzene	CT,NH,NY,NC
Chlorodibromomethane	CT,NH,NY,NC
Chloroethane	CT,NH,NY,NC
Chloroform	CT,NH,NY,NC
Chloromethane	CT,NH,NY,NC
2-Chlorotoluene	CT,NH,NY,NC
4-Chlorotoluene	CT,NH,NY,NC
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Soil	
Dibromomethane	NH,NY,NC
1,2-Dichlorobenzene	CT,NH,NY,NC
1,3-Dichlorobenzene	CT,NH,NY,NC
1,4-Dichlorobenzene	CT,NH,NY,NC
trans-1,4-Dichloro-2-butene	NC
Dichlorodifluoromethane (Freon 12)	NY,NC
1,1-Dichloroethane	CT,NH,NY,NC
1,2-Dichloroethane	CT,NH,NY,NC
1,1-Dichloroethylene	CT,NH,NY,NC
cis-1,2-Dichloroethylene	CT,NH,NY,NC
trans-1,2-Dichloroethylene	CT,NH,NY,NC
1,2-Dichloropropane	CT,NH,NY,NC
1,3-Dichloropropane	NH,NY,NC
2,2-Dichloropropane	NH,NY,NC
1,1-Dichloropropene	NH,NY,NC
cis-1,3-Dichloropropene	CT,NH,NY,NC
trans-1,3-Dichloropropene	CT,NH,NY,NC
Ethylbenzene	CT,NH,NY,NC
Hexachlorobutadiene	NH,NY,NC
2-Hexanone (MBK)	CT,NH,NY,NC
Isopropylbenzene (Cumene)	CT,NH,NY,NC
p-Isopropyltoluene (p-Cymene)	NC
Methyl tert-Butyl Ether (MTBE)	NC
Methylene Chloride	CT,NH,NY,NC
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC
Naphthalene	NH,NY,NC
n-Propylbenzene	NC
Styrene	CT,NH,NY,NC
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC
Tetrachloroethylene	CT,NH,NY,NC
Tetrahydrofuran	NC
Toluene	CT,NH,NY,NC
1,2,3-Trichlorobenzene	NC
1,2,4-Trichlorobenzene	NH,NY,NC
1,1,1-Trichloroethane	CT,NH,NY,NC
1,1,2-Trichloroethane	CT,NH,NY,NC
Trichloroethylene	CT,NH,NY,NC
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC
1,2,3-Trichloropropane	NH,NY,NC
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC
1,2,4-Trimethylbenzene	CT,NH,NY,NC
1,3,5-Trimethylbenzene	CT,NH,NY,NC
Vinyl Chloride	CT,NH,NY,NC
m+p Xylene	CT,NH,NY,NC
o-Xylene	CT,NH,NY,NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Water	
Acetone	CT,NH,NY,NC
Acrylonitrile	CT,NY,NC,RI
Benzene	CT,NH,NY,NC,RI
Bromobenzene	NC
Bromodichloromethane	CT,NH,NY,NC,RI
Bromoform	CT,NH,NY,NC,RI
Bromomethane	CT,NH,NY,NC,RI
2-Butanone (MEK)	CT,NH,NY,NC
n-Butylbenzene	NY,NC
sec-Butylbenzene	NY,NC
tert-Butylbenzene	NY,NC
Carbon Disulfide	CT,NH,NY,NC
Carbon Tetrachloride	CT,NH,NY,NC,RI
Chlorobenzene	CT,NH,NY,NC,RI
Chlorodibromomethane	CT,NH,NY,NC,RI
Chloroethane	CT,NH,NY,NC,RI
Chloroform	CT,NH,NY,NC,RI
Chloromethane	CT,NH,NY,NC,RI
2-Chlorotoluene	NY,NC
4-Chlorotoluene	NY,NC
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC
Dibromomethane	NH,NY,NC
1,2-Dichlorobenzene	CT,NY,NC,RI
1,3-Dichlorobenzene	CT,NH,NY,NC,RI
1,4-Dichlorobenzene	CT,NH,NY,NC,RI
trans-1,4-Dichloro-2-butene	NH,NY,NC
Dichlorodifluoromethane (Freon 12)	NH,NY,NC,RI
1,1-Dichloroethane	CT,NH,NY,NC,RI
1,2-Dichloroethane	CT,NH,NY,NC,RI
1,1-Dichloroethylene	CT,NH,NY,NC,RI
cis-1,2-Dichloroethylene	NC
trans-1,2-Dichloroethylene	CT,NH,NY,NC,RI
1,2-Dichloropropane	CT,NH,NY,NC,RI
1,3-Dichloropropane	NY,NC
2,2-Dichloropropane	NH,NY,NC
1,1-Dichloropropene	NH,NY,NC
cis-1,3-Dichloropropene	CT,NH,NY,NC,RI
trans-1,3-Dichloropropene	CT,NH,NY,NC,RI
Ethylbenzene	CT,NH,NY,NC,RI
Hexachlorobutadiene	CT,NH,NY,NC
2-Hexanone (MBK)	CT,NH,NY,NC
Isopropylbenzene (Cumene)	NY,NC
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,NC
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,NC
Methylene Chloride	CT,NH,NY,NC,RI
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260B in Water	
Naphthalene	NH,NY,NC
n-Propylbenzene	CT,NH,NY,NC
Styrene	CT,NH,NY,NC
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC,RI
Tetrachloroethylene	CT,NH,NY,NC,RI
Tetrahydrofuran	NC
Toluene	CT,NH,NY,NC,RI
1,2,3-Trichlorobenzene	NH,NY,NC
1,2,4-Trichlorobenzene	CT,NH,NY,NC
1,1,1-Trichloroethane	CT,NH,NY,NC,RI
1,1,2-Trichloroethane	CT,NH,NY,NC,RI
Trichloroethylene	CT,NH,NY,NC,RI
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC,RI
1,2,3-Trichloropropane	NH,NY,NC
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC
1,2,4-Trimethylbenzene	NY,NC
1,3,5-Trimethylbenzene	NY,NC
Vinyl Chloride	CT,NH,NY,NC,RI
m+p Xylene	CT,NH,NY,NC,RI
o-Xylene	CT,NH,NY,NC,RI
SW-846 8270C in Soil	
Acenaphthene	CT,NY,NH
Acenaphthylene	CT,NY,NH
Anthracene	CT,NY,NH
Benzo(a)anthracene	CT,NY,NH
Benzo(a)pyrene	CT,NY,NH
Benzo(b)fluoranthene	CT,NY,NH
Benzo(g,h,i)perylene	CT,NY,NH
Benzo(k)fluoranthene	CT,NY,NH
Chrysene	CT,NY,NH
Dibenz(a,h)anthracene	CT,NY,NH
Fluoranthene	CT,NY,NH
Fluorene	NY,NH
Indeno(1,2,3-cd)pyrene	CT,NY,NH
2-Methylnaphthalene	CT,NY,NH
Naphthalene	CT,NY,NH
Phenanthrene	CT,NY,NH
Pyrene	CT,NY,NH

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The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

CT ETPH DISCRIMINATION CHECK

Date Acquired	1/5/11
Data File Name	A0105006.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.30	362023	381484	-5
c - 10	1.67	371213	381484	-3
c - 12	2.42	381665	381484	0
c - 14	3.10	395725	381484	4
c - 16	3.71	406591	381484	7
c - 18	4.36	411760	381484	8
o-Terphenyl	4.65	454712	381484	
c - 20	4.95	405044	381484	6
c - 22	5.45	389187	381484	2
c - 24	5.89	393345	381484	3
c - 26	6.29	384872	381484	1
c - 28	6.65	377916	381484	-1
c - 30	6.99	372823	381484	-2
c - 32	7.30	366657	381484	-4
c - 34	7.60	357911	381484	-6
c - 36	7.98	345524	381484	-9

* One compound allowed %D </= 50%

Samples

11A0021-01@5X
11A0018-18@4X

CT ETPH DISCRIMINATION CHECK

Date Acquired	1/5/11
Data File Name	A0105007.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.07	273940	282474	-3
c - 10	1.42	279938	282474	-1
c - 12	2.14	286366	282474	1
c - 14	2.80	294714	282474	4
c - 16	3.39	300947	282474	7
c - 18	3.96	304217	282474	8
o-Terphenyl	4.23	336405	282474	
c - 20	4.57	300236	282474	6
c - 22	5.09	290234	282474	3
c - 24	5.54	294757	282474	4
c - 26	5.93	289409	282474	2
c - 28	6.29	280908	282474	-1
c - 30	6.62	274250	282474	-3
c - 32	6.93	264496	282474	-6
c - 34	7.23	255213	282474	-10
c - 36	7.50	247494	282474	-12

* One compound allowed %D </= 50%

Samples

11A0018-07
11A0018-08
11A0018-15@20X
11A0018-03@4X

CT ETPH DISCRIMINATION CHECK

Date Acquired	1/5/11
Data File Name	A0105034.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.29	348055	366634	-5
c - 10	1.67	358945	366634	-2
c - 12	2.42	371617	366634	1
c - 14	3.10	384476	366634	5
c - 16	3.71	391867	366634	7
c - 18	4.35	393021	366634	7
o-Terphenyl	4.65	430734	366634	
c - 20	4.95	383081	366634	4
c - 22	5.45	366562	366634	0
c - 24	5.89	370920	366634	1
c - 26	6.29	365664	366634	0
c - 28	6.65	361491	366634	-1
c - 30	6.98	357189	366634	-3
c - 32	7.30	352138	366634	-4
c - 34	7.60	351615	366634	-4
c - 36	7.98	342870	366634	-6

* One compound allowed %D </= 50%

Samples

11A0018-02

CT ETPH DISCRIMINATION CHECK

Date Acquired	1/5/11
Data File Name	A0105035.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.07	276409	285464	-3
c - 10	1.42	283359	285464	-1
c - 12	2.14	290325	285464	2
c - 14	2.80	298140	285464	4
c - 16	3.39	303549	285464	6
c - 18	3.96	305591	285464	7
o-Terphenyl	4.23	337981	285464	
c - 20	4.57	301371	285464	6
c - 22	5.09	290799	285464	2
c - 24	5.53	294806	285464	3
c - 26	5.93	289600	285464	1
c - 28	6.29	284314	285464	0
c - 30	6.62	276872	285464	-3
c - 32	6.93	269050	285464	-6
c - 34	7.23	261913	285464	-8
c - 36	7.50	255868	285464	-10

* One compound allowed %D </= 50%

Samples

11A0018-26

CT ETPH DISCRIMINATION CHECK

Date Acquired	1/6/11
Data File Name	A0106007.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.07	270272	278774	-3
c - 10	1.42	275824	278774	-1
c - 12	2.14	283679	278774	2
c - 14	2.80	291999	278774	5
c - 16	3.39	297565	278774	7
c - 18	3.96	299925	278774	8
o-Terphenyl	4.22	338522	278774	
c - 20	4.57	295683	278774	6
c - 22	5.09	285397	278774	2
c - 24	5.54	289833	278774	4
c - 26	5.93	283868	278774	2
c - 28	6.29	277786	278774	0
c - 30	6.62	270012	278774	-3
c - 32	6.93	261193	278774	-6
c - 34	7.23	252887	278774	-9
c - 36	7.50	245693	278774	-12

* One compound allowed %D </= 50%

Samples

11A0018-14@4X

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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

11A0018

Page 1 of 1 total

Company Name: AKRF Inc
Address: 700 Main St
N. Windsor, CT 06256
Attention: Glen Stefanick
Project Location: Naugatuck
Sampled By: M. Broyle

Telephone: 860-727-7127
Project # 91065
Client PO#

DATA DELIVERY (check all that apply)
O FAX ☒ EMAIL O WEBSITE
Fax #
Email: gstefanick@akrf.com
Format: O PDF O EXCEL O GIS
O OTHER
O "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
O yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Type	PAH's Only 8270	TPH LL	PCB's	Lead (Mass ISRP)	Arsenic (Mass ISRP)	VOC's	VOA's	Clear Glass # 32	Dissolved Metals: O Field Filtered O Lab to Filter
01	GDCSB 127 (0-2)	12/29/10	8:30		✓	S	C	1	I	I	X			X	X			9	
02	GDCSB 128 (0-2)	12/29/10	8:50		✓	S	C	1	I	I		X						4	
03	GDCSB 130 (0-2)	12/29/10	9:30		✓	S	C	1	I	I		X						9	
04	GDCSB-132 (0-2)	12/29/10	10:15		✓	S	C	1	I	I	X		X					9	
05	GDCSB-132 (4-6)	12/29/10	10:25		✓	S	C	1	I	I	H	O	1	d				9	
06	GDCSB-132 (9-11)	12/29/10	10:40		✓	S	C	1	I	I	H	O	1	d				9	
07	GDCSB-134 (10-12)	12/29/10	11:40		✓	S	C	1	I	I		X						4	
08	GDCSB-134 (14-16)	12/29/10	11:45		✓	S	C	1	I	I		X				X	4	4	
09	GDCSB-136 (1-3)	12/29/10	1:30		✓	S	C	1	I	I			X	X				4	
10	GDCSB 138 (6-8)	12/29/10	1:55		✓	S	C	1	I	I			X	X				4	

Comments:
12-30-10 18:07 IN

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V=vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other

*Matrix Code:
GW = groundwater
WW = wastewater
DW = drinking water
A = air
S = soil/solid
SL = sludge
O = other

	Date/Time:
Relinquished by: (signature)	12/30/10 1:50
Received by: (signature)	12/30/10 13:50
Relinquished by: (signature)	12/30/10 15:55
Received by: (signature)	12/30/10 3:52

Turnaround ††
☒ 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: CT RSR
RCP GB PAC
Other:

Is your project MCP or RCP ?
O MCP Analytical Certification Form Required
☒ RCP Analysis Certification Form Required
O MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

TURNAROUND TIME (business days) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED

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Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

11A0018

Page 2 of 2 Total

Company Name: AKRF, Inc.
Address: 700 Main St. Willimantic, CT 06226
Attention: Glen Stefaniak
Project Location: Naugatuck
Sampled By: M. Brogie

Telephone: 860-423-7127
Project # 91065
Client PO#

DATA DELIVERY (check all that apply)
O FAX ☒ EMAIL O WEBSITE
Fax #
Email: gstefaniak@akrf.com
Format: ☒ PDF ☒ EXCEL O GIS
O OTHER
O "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
O yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	VOC's	SVOC's (PAH's Only)	ETPH	PCB's	Lead Mass + SPLP	Arsenic Mass + SPLP	VOA's	# of Containers	Clear Glass # oz
11	GOCSB-145 (7-9)	12/30	12/30 9:00		✓	S	C				X					9
12	GOCSB 146 (2-4)	12/30	12/30 9:25		✓	S	C		X		X	X	X			9
13	GOCSB 147 (13-15)	12/30	12/30 9:35		✓	S	C				X	X				9
14	GOCSB 148 (9-11)	12/30	12/30 10:20		✓	S	C			X	X					9
15	GOCSB 148 (13-15)	12/30	12/30 10:30		✓	S	C			X	X					9
16	GOCSB 149 (6-8)	12/30	12/30 11:10		✓	S	C				X	X				9
17	GOCSB 149 (7-8)	12/30	12/30 11:15		✓	S	C	14	O	I	O					4
18	GOCSB 149 (12-14)	12/30	12/30 11:30		✓	S	C		X	X	X	X	X			9
19	Trip Blank 2930	12/29 8AM	12/30 1PM		✓	W	C	X						2		
20 AR 16																

ANALYSIS REQUESTED

Dissolved Metals
O Field Filtered
O Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

Comments:
12-30-10 18:07 IN
Cooler - SC 3C

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

	Date/Time:
Relinquished by: (signature)	12/30/10 13:30
Received by: (signature)	12-30-10 13:50
Relinquished by: (signature)	12-30-10/15:55
Received by: (signature)	12/30/10 3:55

Turnaround ††
☒ 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: CT RSR RDEC GB PMC
Other:

Is your project MCP or RCP ?
O MCP Analytical Certification Form Required
☒ RCP Analysis Certification Form Required
O MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

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CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

Page 3 of

11A0018

Company Name: AKRF, Inc
Address: 700 Main St. Willimantic, CT 062
Attention: G. Stefaniak
Project Location: Naugatuck, CT
Sampled By: M. Bragie

Telephone: 8604237127
Project # 91065-
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ☒ EMAIL ○ WEBSITE
Fax #
Email: gstefaniak@akrf.com
Format: ☒ PDF ☒ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Done Code	VOC	SVOC PAH Only	ETPH	PCB	Lead Mass + SPLP	Arsenic Mass + SPLP	# of Containers	** Preservation	***Container Type	Clear Glass # oz
21 20	GDC SB-138 (12-14)	12/29/10	2:00		✓	S					X	X		4			
22 21	GDC SB 139 (6-8)	12/29/10	2:30		✓	S					X	X		4			
23 22	GDC SB 141 (6-8)	12/29/10	3:30		✓	S					X	X		4			
24 23	GDC SB 141 (8-10)	12/29/10	3:35		✓	S		H	O	I	O			4			
25 24	GDC SB 142 (6-8)	12/29/10	3:50		✓	S					X	X	X	4			
26 25	GDC SB 142 (10-12)	12/29/10	3:59		✓	S					X	X		4			
27 26	GDC SB 142 (13-15)	12/29/10	4:05		✓	S			X	X	X	X		4			
28 27	GDC SB 143 (8-10)	12/29/10	4:30		✓	S					X			4			
AP 16																	

Comments:
M.S. 2C 12/30/10 SAG

12-30-10 18:08 IN

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
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G=glass
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☐ 10-Day
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Other:

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NELAC & AIHA Certified
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con-test ANALYTICAL LABORATORY

39 Spruce St.
East Longmeadow, MA
01028
P: 413-525-2332
F: 413-525-6405

Sample Receipt Checklist

CLIENT NAME: AKRF Inc. RECEIVED BY: TEC DATE: 12/30/10

1) Was the chain(s) of custody relinquished and signed? (Yes) No

2) Does the chain agree with the samples? (Yes) No
If not, explain:

3) Are all the samples in good condition? (Yes) No
If not, explain:

4) How were the samples received:
On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 3.0 °C

5) Are there Dissolved samples for the lab to filter? Yes (No)
Who was notified _____ Date _____ Time _____

6) Are there any samples "On Hold"? Yes (No) Stored where: _____

7) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)
Who was notified _____ Date _____ Time _____

8) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	12
500 mL Amber		4 oz amber/clear jar	10
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below	6	SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
Flashpoint bottle		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 2
Bisulfate _____ # DI Water 2
Thiosulfate _____ Unpreserved 2

Time and Date Frozen:
12-30-10 18:08 IN

Do all samples have the proper Acid pH: Yes No (N/A) _____

Do all samples have the proper Base pH: Yes No (N/A)

CT ETPH DISCRIMINATION CHECK

Date Acquired	1/7/11
Data File Name	A0107032.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.29	345021	362296	-5
c - 10	1.67	353653	362296	-2
c - 12	2.42	365880	362296	1
c - 14	3.10	378293	362296	4
c - 16	3.71	385304	362296	6
c - 18	4.35	386085	362296	7
o-Terphenyl	4.64	423903	362296	
c - 20	4.95	377004	362296	4
c - 22	5.45	361651	362296	0
c - 24	5.89	367300	362296	1
c - 26	6.28	362843	362296	0
c - 28	6.65	359666	362296	-1
c - 30	6.98	356551	362296	-2
c - 32	7.30	350134	362296	-3
c - 34	7.60	347490	362296	-4
c - 36	7.98	337562	362296	-7

* One compound allowed %D </= 50%

Samples

11A0018-14RE1@5X

File not found: Work\11A\11A0018_COC_07.pdf

APPENDIX I
DATA USABILITY EVALUATION

DATA USABILITY EVALUATION

The DQA and DUE were performed for the data generated in accordance with the Connecticut Department of Environmental Protection (CTDEP) guidance. The results of the DQA identified several QA/QC issues for COCs at the site. The major issues were related to surrogate recoveries, MS/MSD results, laboratory control samples and laboratory control sample duplicates (LCS/LCSDs), and elevated reporting limits. The majority of the QA/QC nonconformances resulted in potential low bias for reported analytical results.

The Data Usability Evaluation (DUE) was performed using the results of the Data Quality Assessment (DQA) in conjunction with the analytical results for the soil and groundwater samples, the comparison of these results to applicable CTDEP RSR criteria, the entire data set for the investigation, the Conceptual Site Model for the investigation areas (taking into account the potential release mechanisms, transport pathways and characteristics, and the observed distribution of contamination), along with the overall goals of the investigation.

Laboratory Analysis Quality Assurance/Quality Control (QA/QC) Certification Forms were provided for the soil and groundwater batches in accordance with the CTDEP Reasonable Confidence Protocols (RCPs). The forms indicated compliance with RCPs and provided case narratives with regard to method deviations. Pertinent DUE findings presented by individual laboratory report are provided in the following Subsections.

Laboratory Analytical Report 10K0881

The laboratory reporting limit (RL) for Beryllium was elevated as a result of sample dilution for samples GDC-TP-03 (2-4) and GDC-TP03A (10-12). The RL was well below regulatory criteria and beryllium was not detected in either sample.

The response factor for 2-butanone (MEK), acetone, and tetrahydrofuran was less than the method specified acceptable value for the trip blank TB20101130. Reduced precision and accuracy are associated with the reported result. No compounds were detected in the sample above the RL and the data appear usable.

The initial calibration did not meet the method specifications for 2,4-dinitrophenol and bis(2-chloroisopropyl)ether for samples GDC-TP-01 (2-4), GDC-TP-03 (2-4), and GDC-TP-03A (10-12). The compounds were calibrated using a response factor where the percent relative standard deviation (%RSD) was outside the method specified criteria. None of the compounds were detected in the associated samples or in any other collected sample. The compounds are not contaminants of concern (COCs) at the site and the data appear usable.

The continuing calibration did not meet the method specifications for bis(2-chloroisopropyl)ether and hexachlorocyclopentadiene for samples GDC-TP-01 (2-4), GDC-TP-03 (2-4), and GDC-TP-03A (10-12). Significant uncertainty is associated with the reported values, which are likely to be biased low. None of the compounds were detected in the associated samples or in any other collected sample at the site. The compounds are not COCs at the site and the data appear usable.

The response factor was less than the method specified minimum acceptable value for pentachloronitrobenze for samples GDC-TP-01 (2-4), GDC-TP-03 (2-4) and GDC-TP-03A (10-12). Reduced precision and accuracy are associated with the reported results. The compound was not detected in the associated samples or in any other collected sample. The compound is not a COC at the site and the data appear usable.

The laboratory control sample (LCS) recoveries for RCP 8260 compounds were all within limits specified by the method except for "difficult analytes", where control limits between 40-160% were used. These analytes included: 4-methyl-2-pentanone (MIBK), MEK, tert-butyl alcohol, acetone, 1,4-dioxane, vinyl chloride, chloromethane, dichlorodifluoromethane, 2-hexanone, naphthalene, bromomethane, methylene chloride, and tert-butylbenzene. The only sample submitted for 8260 VOC analysis was the trip blank TB20101130. The reported nonconformance does not appear to affect the data.

The LCS recoveries for RCP 8270 compounds were all within control limits specified by the method (40-140% for base/neutrals and 30-130% for acids), except for "difficult analytes", which included: 3,3'-dichlorobenzidine, pyridine, aniline, 4-chloroaniline, 3-nitroaniline, and n-nitrosodiphenylamine. The control limits for these analytes were between 10-180%. None of the compounds were detected in the associated samples or in any other collected sample at the site. The compounds do not appear to be COCs at the site and the data appear usable.

All RLs specified on the chain-of-custody were met, except for pyridine, 1,2,4,5-tetrachlorobenzene, and pentachloronitrobenzene for GB Pollutant Mobility Criteia (PMC) limits. The laboratory cannot achieve the required RCP calibration criteria at these levels. None of the compounds were detected in the associated samples or in any other collected sample at the site. The compounds are not COCs at the site and the data appear usable.

Laboratory Analytical Report 10L0028

The surrogate recovery for o-terphenyl associated with extractable total petroleum hydrocarbon (ETPH) analysis for sample GDC-TP-05 (2-4) was not available due to sample dilution below the surrogate recovery reporting limit required from high analyte concentration and/or matrix interference. ETPH was detected in the associated sample well above the highest Remediation Standard Regulations (RSR) criteria. The reported nonconformance does not affect the reported value.

Sample GDC-TP-05 (2-4) contained two incompletely resolved aroclors. The aroclor with the closest matching pattern (Aroclor-1154) was reported. The sample may possibly contain Aroclor-1248 as well. The reported value exceeds the RDEC and is consistent with Aroclors detected elsewhere on the site.

The response factor for MEK, acetone, acrylonitrile, and tetrahydrofuran were less than the method specified minimum acceptable values for associated samples GDC-TP-05 (2-4), GDC-TP-11 (0-2), and TB20101201. Reduced precision and accuracy are associated with the reported results. None of the associated analytes were detected in any of the samples and the RLs were well below regulatory criteria. The reported nonconformance does not appear to affect the reported values and the data are usable.

The continuing calibration for trans-1,4-dichloro-2-buten did not meet the method specification for the associated LCS B023068-BS1. The data validation is not affected, since the sample result was "not detected" for this compound.

The reported values for the following compounds were estimated for samples GDC-TP-05 (2-4) and GDC-TP-11 (6-8): anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, fluoranthene, indeno(1,2,3-cd)pyrene, phenanthrene, and pyrene. The values were reported over the verified calibration range. Most of the associated compounds were detected in the affected samples well above RSR criteria. The reported nonconformance does not appear to affect the reported results and the data are usable.

The laboratory fortified blank (LFB) and LCS and LCS duplicate (LCSD) recoveries were outside of control limits for 4-chloroaniline for associated samples GDC-TP-06 (2-4), laboratory blank B023195-BLK1, and LCS B023195-BS1/BSD1. The reported value for this compound is likely to be biased on the low side. The compound was not detected in the associated sample and the RL was well below the most

protective RSR criteria. The reported nonconformance does not affect the reported results and the data are usable.

The LFB duplicate (LFBD) was outside of the control limits for 2-methylphenol, 3/4-methylphenol, 4-chloro-3-methylphenol, 4-chloroaniline, and N-nitrosodi-n-propylamine for the following samples: GDC-TP-05 (2-4), GDC-TP-05 (8-10), GDC-TP-11 (0-2), and GDC-TP-11 (6-8). Reduced precision is anticipated for any reported value for the associated compounds. GDC-TP-05 (2-4) and GDC-TP-11 (6-8) had elevated detection limits for the associated compounds but also had detections of other PAH analytes exceeding the Residential Direct Exposure Criteria (RDEC) and/or GB PMC. The remaining associated samples had RLs well below regulatory criteria. The reported nonconformance does not affect the reported results and the data are usable.

The surrogate recovery for sample GDC-TP-05 (2-4) was not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interference. Since multiple polycyclic aromatic hydrocarbons (PAH) were detected in the sample exceeding RSR criteria, the lack of surrogate recovery information does not affect the reported data.

The initial calibration did not meet the method specifications for 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, and bis(2-chloroisoporpyl)ether for the following samples: GDC-TP-05 (2-4), GDC-TP-05 (8-10), GDC-TP-11 (0-2), GDC-TP-11 (6-8), and GDC-TP-06 (2-4), along with the associated laboratory blanks, LCS/LCSDs. None of the compounds were detected in the associated samples or in any other collected sample. The compounds are not COCs at the site and the data appear usable.

The continuing calibration did not meet the method specifications for bis(2-chloroisopropyl)ether and hexachloropentadiene for the following samples: GDC-TP-05 (2-4), GDC-TP-11 (0-2), GDC-TP-11 (6-8), GDC-TP-06 (2-4) and the associated blanks and LCS/LCSDs. Significant uncertainty is associated with the reported values, which are likely to be biased on the low side. None of the associated compounds were detected in any of the associated samples and all samples had detections of additional PAH analytes exceeding RSR criteria. The reported nonconformance does not affect the reported results and the data are usable.

The continuing calibration did not meet the method specifications for dibenz(a,h)anthracene and was biased high for sample GDC-TP-11 (6-8). As previously noted, additional PAH analytes were detected in the associated sample exceeding RSR criteria. The reported nonconformance does not affect the reported results and the data are usable.

The response factor was less than the specified minimum acceptable value for pentachloronitrobenzne for the following samples: GDC-TP-05 (2-4), GDC-TP-05 (8-10), GDC-TP-11 (0-2), GDC-TP-11 (6-8), GDC-TP-06 (2-4), and the associated laboratory blanks and LCS/LCSDs. None of the associated compounds were detected in any of the associated samples and all samples had detections of additional PAH analytes exceeding RSR criteria. The reported nonconformance does affect the reported results and the data are usable.

The LCS recoveries for RCP 8270 compounds were all within control limits specified by the method (40-140% for base/neutrals and 30-130% for acids), except for “difficult analytes”, which included: 3,3’-dichlorobenzidine, pyridine, aniline, 4-chloroaniline, 3-nitroaniline, and n-nitrosodiphenylamine. The control limits for these analytes were between 10-180%. None of the compounds were detected in the associated samples or in any other collected sample at the site. The compounds do not appear to be COCs at the site and the data appear usable.

All RLs specified on the chain-of-custody were met, except for pyridine, 1,2,4,5-tetrachlorobenzene, and pentachloronitrobenzene for GB PMC limits. The laboratory cannot achieve the required RCP calibration criteria at these levels. None of the compounds were detected in the associated samples or in any other

collected sample at the site. The compounds do not appear to be COCs at the site and the data appear usable.

Laboratory Analytical Report 10L0090

Dilution of sample GDC-TP-07 (9-8) was required due to the sample analyte level. Due to the order(s) of magnitude difference between the sample and spike level, a representative recovery could not be obtained. The reported ETPH concentration exceeds the RDEC and is adequate to use for compliance determination.

The matrix spike (MS) recovery associated with sample GDC-TP-07 (6-8) was outside the control limits, resulting in a possible low bias for the reported values for Antimony, Nickel, and Selenium. In addition, the duplicate relative percent difference (RPD) was outside of the control limits for Nickel, resulting in reduced precision for the reported result. Nickel was reported at a concentration of 24 mg/kg, well below the RDEC of 1,400 mg/kg. Antimony and Selenium were not detected above the RL, well below the regulatory criteria. The sample to spike ratio was greater than, or equal to, 4:1 for Barium and Zinc. The spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries could not be calculated. Barium and Zinc were detected in the affected sample at concentrations of 350 mg/kg and 540 mg/kg, respectively, well below the associated RDEC values of 4,700 mg/kg and 20,000 mg/kg. The reported nonconformances do not affect the reported results and the data are usable.

The sample to spike ratio was greater than, or equal to, 4:1 for Mercury for sample GDC-TP-04 (6-8). The spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries could not be calculated. Mercury was detected in the associated sample at a concentration of 7.3 mg/kg, well below the RDEC of 20 mg/kg. The reported nonconformance does not affect the reported results and the data are usable.

The MS and MS duplicate (MSD) recoveries were outside of the control limits for hexachlorobutadiene for sample GDC-TP-07 (6-8). The analysis was in control based on LFB recovery; however, the possibility of matrix effects that lead to low bias or non-homogenous sample aliquot cannot be eliminated. Hexachlorobutadiene was not detected at or above the RL in the associated sample or in any other soil sample collected during the investigation. The compound is not a COC for the site and the data are usable.

The MSD RPD was outside of the control limits for naphthalene for sample GDC-TP-07 (6-8). Reduced precision is anticipated for the reported result. Naphthalene was not detected at or above the RL in the associated sample and no other VOCs were detected. The reported nonconformance does not significantly affect the reported results and the data are usable.

The response factor was determined to be less than the method specified minimum acceptable value for the compounds: MEK, acetone, acrylonitrile, and tetrahydrofuran. Reduced precision and accuracy are associated with these compounds for sample GDC-TP-07 (6-8). Since no VOCs were detected in the associated samples, and the affected compounds are not COCs for the site, the data appear to be usable.

The reported results for the following compounds were estimated: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, fluoranthene, phenanthrene, and pyrene for samples: GDC-TP-04 (0-2), GDC-TP-04 (6-8), and GDC-TP-07 (6-8). The values reported were over the verified calibration range. All of the associated samples had detections of these compounds and/or additional PAHs exceeding RDEC and PMC values. The reported nonconformance does significantly affect the reported results and the data are usable.

The LFB/LCS recovery and duplicate recovery were outside of control limits for 4-chloroaniline. The reported values for the following samples are likely to be biased low: GDC-TP-08 (4-6), GDC-TP-07 (6-8), GDC-TP-04 (0-2), GDC-TP-04 (6-8), and GDC-TP-12 (0-2). Since PAHs were detected in all of the affected samples above RDEC and PMC values, and the affected compound was not detected in the associated samples or in any other sample collected at the site, the data appear to be usable.

The LFBD RPD was outside of the control limits for 2-methylphenol, 3/4-methylphenol, and 3-nitroaniline. Reduced precision and accuracy are anticipated for the reported values for sample GDC-TP-04 (6-8). The compounds were not detected above the RLs in the affected sample or in any other sample collected during the investigation. The affected compounds are not COCs at the site and the data are usable.

The surrogate recoveries associated with sample GDC-TP-07 (6-8) are not available for the following surrogate compounds: 2,4,6-tribromophenol, 2-fluorobiphenyl, nitrobenzene-d5, phenol-d6, and terphynyl-d14. The surrogate standard recovery was also outside of the control limits for 2,4,6-tribromophenol. The sample dilution required from the high analyte concentration and/or matrix interferences was below the surrogate reporting limit. As mentioned previously, the affected sample had detections of multiple PAHs at concentrations exceeding the RDEC and PMC. The reported nonconformance does not significantly affect the reported results and the data are usable.

The initial calibration did not meet method specifications for 2,4-dinitrophenol and bis(2-chloroisopropyl)ether for the following samples: GDC-TP-08 (4-8), GDC-TP-07 (6-8), GDC-TP-04 (0-2), GDC-TP-04 (6-8), and GDC-TP-12 (6-8). The compounds were calibrated using a response factor where the %RSD was outside of the method specified criteria. In addition, the continuing calibration did not meet the method specification for bis(2-chloroisopropyl)ether for all of the above samples except for GDC-TP-07 (6-8). Significant uncertainty is associated with the reported value and is likely biased low. The compounds were not detected above the RLs in any of the affected sample or in any other sample collected during the investigation. The affected compounds are not COCs at the site and the data are usable.

The response factor was determined to be less than the method specified minimum acceptable value for pentachloronitrobenzene. Reduced precision and accuracy are associated with this compound for the following samples: GDC-TP-08 (4-6), GDC-TP-07 (6-8), GDC-TP-04 (0-2), GDC-TP-04 (6-8), GDC-TP-12 (0-2), and GDC-TP-12 (6-8). The affected compound was not detected at or above the RL in any of the associated samples, or in any other sample collected during the investigation. The affected compound is not a COC for the site, the data appear to be usable.

The LCS recoveries for RCP 8260 compounds were all within limits specified by the method except for "difficult analytes", where control limits between 40-160% were used. These analytes included: MIBK, MEK, tert-butyl alcohol, acetone, 1,4-dioxane, vinyl chloride, chloromethane, dichlorodifluoromethane, 2-hexanone, naphthalene, bromomethane, methylene chloride, and tert-butylbenzene. The reported nonconformance does not appear to affect the data.

The LCS recoveries for RCP 8270 compounds were all within control limits specified by the method (40-140% for base/neutrals and 30-130% for acids), except for "difficult analytes", which included: 3,3'-dichlorobenzidine, pyridine, aniline, 4-chloroaniline, 3-nitroaniline, and n-nitrosodiphenylamine. The control limits for these analytes were between 10-180%. None of the compounds were detected in the associated samples or in any other collected sample at the site. The compounds do not appear to be COCs at the site and the data appear usable.

All RLs specified on the chain-of-custody were met, except for pyridine, 1,2,4,5-tetrachlorobenzene, and pentachloronitrobenzene for GB PMC limits. The laboratory cannot achieve the required RCP calibration

criteria at these levels. None of the compounds were detected in the associated samples or in any other collected sample at the site. The compounds are not COCs at the site and the data appear usable.

Laboratory Analytical Report 10L0137

The surrogate recovery associated with the polychlorinated biphenyl (PCB) analysis for sample GDC-TP-15 (6-8) was not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interference. Since Arochlor-1242 was detected in the sample exceeding RDEC and PMC, the lack of surrogate recovery information does not affect the reported data.

The LFB/LCS recovery associated with the volatile organic compound (VOC) analyses were outside for the control limits for all samples in this batch. The data validation is not affected since all the results were "not detected" and were biased high.

The response factor was determined to be less than the method specified minimum acceptable value for the compounds: MEK, acetone, acrylonitrile, and tetrahydrofuran. Reduced precision and accuracy are associated with these compounds for the following samples: GDC-TP-15 (6-8), GDC-TP-14 (7-9), GDC-TP-14B (7-9), and TB20101203. Since no VOCs were detected in any of the associated samples, and the affected compounds are not COCs for the site, the data appear to be usable.

The reported results for the following compounds were estimated: benzo(b)fluoranthene, butylbenzylphthalate, fluoranthene, phenanthrene, and pyrene for samples: GDC-TP-09 (7-9) and GDC-TP-15 (0-2). The values reported were over the verified calibration range. All of the associated samples had detections of these compounds and/or additional PAHs exceeding RDEC and PMC values. The reported nonconformance does significantly affect the reported results and the data are usable.

The LFB/LCS and duplicate recoveries were outside for the control limits for 4-chloroaniline for the following associated samples: GDC-TP-15 (0-2), GDC-TP-15 (6-8), GDC-TP-14 (7-9), GDC-TP-14B (7-9), GDC-TP-16 (4-6), GDC-TP-13 (2-4), and GDC-TP-09 (7-9), GDC-TP-10 (4-6). The reported values are likely to be biased on the low side for this compound. The affected compound was not detected at or above the RL in any of the associated samples, or in any other sample collected during the investigation. The affected compound is not a COC for the site and the data appear to be usable.

The LFBD RPD was outside of the control limits for the following compounds: 2-methylphenol, 2-nitroaniline, 3/4-methylphenol, 3-nitroaniline, benzo(g,h,i)perylene, and dibenz(a,h)anthracene. Reduced precision and accuracy are anticipated for the reported values for the following samples: GDC-TP-15 (0-2), GDC-TP-15 (6-8), GDC-TP-14 (7-9), GDC-TP-14B (7-9), GDC-TP-16 (4-6), GDC-TP-13 (2-4), GDC-TP-09 (7-9), and GDC-TP-10 (4-6). The compounds were detected in multiple samples well below the most protective RSR criteria. In addition, multiple samples had detections of other PAHs exceeding the RDEC and PMC. The reported nonconformance does significantly affect the reported results and the data are usable.

One of the surrogate standard recoveries associated with the 8270 SVOC analysis was outside of the control limits for the surrogates 2,4,6-tribromophenol and phenol-d6 for sample GDC-TP-13 (2-4). All the other surrogate recoveries were within allowable limits. The affected samples had multiple PAHs exceeding both RDEC and PMC values. The reported nonconformance does significantly affect the reported results and the data are usable.

The initial calibration did not meet method specifications for 2,4-dinitrophenol and bis(2-chloroisopropyl)ether for the following samples: GDC-TP-15 (0-2), GDC-TP-15 (6-8), GDC-TP-14 (7-9), GDC-TP-16 (4-6), GDC-TP-13 (2-4), GDC-TP-09 (7-9), and GDC-TP-10 (4-6). The compounds were calibrated using a response factor where the %RSD was outside of the method specified criteria. In addition, the continuing calibration did not meet the method specification for 4-nitrophenol and bis(2-

chloroisopropyl)ether for all of the above samples and for the field equipment blank FB20101203. Significant uncertainty is associated with the reported value and is likely biased low. The compounds were not detected above the RLs in any of the affected sample or in any other sample collected during the investigation. The affected compounds are not COCs at the site and the data are usable.

The continuing calibration did not meet the method specifications for dibenz(a,h)anthracene and indeno(1,2,3-cd)pyrene and was biased high for the following samples: GDC-TP-15 (6-8), GDC-TP-13 (2-4), GDC-TP-09 (7-9), and GDC-TP-10 (4-6). As previously noted, additional PAHs were detected in the associated sample exceeding RSR criteria, with the exception of GDC-TP-10 (4-6), where no SVOCs were detected at or above the laboratory RLs. The reported nonconformance does not affect the reported results and the data are usable.

The response factor was determined to be less than the method specified minimum acceptable value for pentachloronitrobenzene. Reduced precision and accuracy are associated with this compound for the following samples: GDC-TP-15 (0-2), GDC-TP-15 (6-8), GDC-TP-14 (7-9), GDC-TP-14B (7-9), GDC-TP-10 (4-6), and the field equipment blank FB20101203. The affected compound was not detected at or above the RL in any of the associated samples, or in any other sample collected during the investigation. The affected compound is not a COC for the site and the data appear to be usable.

The continuing calibration did not meet the method specifications for dibenz(a,h)anthracene and indeno(1,2,3-cd)pyrene and was biased high for the following samples: GDC-TP-14 (7-9), GDC-TP-14B (7-9), GDC-TP-16 (4-6), and GDC-TP-10 (4-6). None of the affected compounds were detected in the associated samples at concentrations exceeding RSR criteria. The reported nonconformance does not significantly affect the reported results and the data are usable.

The MSD RPD was outside of the control limits for Cyanide for sample GDC-TP-10 (4-6). Reduced precision is anticipated for the reported result. Cyanide was not detected at or above the RL in the associated sample, which is well below the RDEC value. The reported nonconformance does not significantly affect the reported results and the data are usable.

The LCS recoveries for RCP 8260 compounds were all within limits specified by the method except for "difficult analytes", where control limits between 40-160% were used. These analytes included: MIBK, MEK, tert-butyl alcohol, acetone, 1,4-dioxane, vinyl chloride, chloromethane, dichlorodifluoromethane, 2-hexanone, naphthalene, bromomethane, methylene chloride, and tert-butylbenzene. The reported nonconformance does not appear to affect the data.

The LCS recoveries for RCP 8270 compounds were all within control limits specified by the method (40-140% for base/neutrals and 30-130% for acids), except for "difficult analytes", which included: 3,3'-dichlorobenzidine, pyridine, aniline, 4-chloroaniline, 3-nitroaniline, and n-nitrosodiphenylamine. The control limits for these analytes were between 10-180%. None of the compounds were detected in the associated samples or in any other collected sample at the site. The compounds do not appear to be COCs at the site and the data appear usable.

All RLs specified on the chain-of-custody were met, except for acrylonitrile, pyridine, 1,2,4-tetrachlorobenzene, and pentachloronitrobenzene for GB PMC limits. The laboratory cannot achieve the required RCP calibration criteria at these levels. None of the compounds were detected in the associated samples or in any other collected sample at the site. The compounds are not COCs at the site and the data appear usable.

Laboratory Report 10L0171

The response factor was determined to be less than the method specified minimum acceptable value for the compounds: MEK, acetone, acrylonitrile, and tetrahydrofuran. Reduced precision and accuracy are

associated with these compounds for the following samples: GDC-SB-106 (2-4), GDC-SB-108 (11-13), GDC-SB-109 (11-13), and the trip blank TB20101206. Since no VOCs were detected in any of the associated samples, and the affected compounds are not COCs for the site, the data appear to be usable.

The LFB/LCS and duplicate recoveries were outside for the control limits for 4-chloroaniline, aniline, and bis(2-chloroisopropyl)ether for samples GDC-SB-106 (2-4), GDC-SB-108 (11-13). The reported values are likely to be biased on the low side for these compounds. The affected compound was not detected at or above the RL in any of the associated samples, or in any other sample collected during the investigation. The affected compounds are not COCs for the site and the data appear to be usable.

The surrogate standard recovery for nitrobenzene-d5, associated with the 8270 SVOC analysis for sample GDC-SB-108 (11-13), was outside the control limits. All other surrogates were within allowable limits. No SVOCs were detected in the associated sample at or above the laboratory RLs. The reported nonconformance does not significantly affect the reported results and the data are usable.

The initial calibration did not meet method specifications for 2,4-dinitrophenol and 4,6-dinitro-2-methylphenol for samples GDC-SB-106 (2-4) and GDC-SB-108 (11-13). The compounds were calibrated using a response factor where the %RSD was outside of the method specified criteria. In addition, the continuing calibration did not meet the method specification for bis(2-chloroisopropyl)ether for the above samples. Significant uncertainty is associated with the reported value and is likely biased low. The compounds were not detected above the RLs in any of the affected sample or in any other sample collected during the investigation. The affected compounds are not COCs at the site and the data are usable.

The response factor was determined to be less than the method specified minimum acceptable value for pentachloronitrobenzene. Reduced precision and accuracy are associated with this compound for samples GDC-SB-106 (2-4) and GDC-SB-108 (11-13). The affected compound was not detected at or above the RL in any of the associated samples, or in any other sample collected during the investigation. The affected compound is not a COC for the site, the data appear to be usable.

The LCS recoveries for RCP 8260 compounds were all within limits specified by the method except for "difficult analytes", where control limits between 40-160% were used. These analytes included: MIBK, MEK, tert-butyl alcohol, acetone, 1,4-dioxane, vinyl chloride, chloromethane, dichlorodifluoromethane, 2-hexanone, naphthalene, bromomethane, methylene chloride, and tert-butylbenzene. The reported nonconformance does not appear to affect the data.

The LCS recoveries for RCP 8270 compounds were all within control limits specified by the method (40-140% for base/neutrals and 30-130% for acids), except for "difficult analytes", which included: 3,3'-dichlorobenzidine, pyridine, aniline, 4-chloroaniline, 3-nitroaniline, and n-nitrosodiphenylamine. The control limits for these analytes were between 10-180%. None of the compounds were detected in the associated samples or in any other collected sample at the site. The compounds do not appear to be COCs at the site and the data appear usable.

All RLs specified on the chain-of-custody were met, except for pyridine, 1,2,4-tetrachlorobenzene, and pentachloronitrobenzene for GB PMC limits. The laboratory cannot achieve the required RCP calibration criteria at these levels. None of the compounds were detected in the associated samples or in any other collected sample at the site. The compounds are not COCs at the site and the data appear usable.

Laboratory Analytical Report 10L0264

Continuing calibration for Silver did not meet the method specification for associated samples GDC-Sump-1, GDC-Sump-2, and GDC-Sump-4. The data validation is not affected, since the sample result was "not detected" for this compound.

The response factor was determined to be less than the method specified minimum acceptable value for the compounds: MEK, acetone, acrylonitrile, and tetrahydrofuran. Reduced precision and accuracy are associated with these compounds for the following samples: GDC-Sump-1, GDC-SB-118 (6-8), GDC-Sump-2, GDC-SB-119 (2-4), GDC-Sump-3, GDC-Sump-4, and the trip blank TB20101208. Since no VOCs were detected in any of the associated samples, and the affected compounds are not COCs for the site, the data appear to be usable.

The reported results for bis(2-ethylhexyl)phthalate were estimated for samples GDC-Sump-1 and GDC-Sump-3. The values reported were over the verified calibration range. The affected samples were sediment samples collected from drainage sumps, and not subject to RSR criteria. The reported nonconformance does significantly affect the reported results and the data are usable.

The initial calibration did not meet method specifications for 2,4-dinitrophenol and 4,6-dinitro-2-methylphenol for the following samples: GDC-Sump-1, GDC-Sump-2, GDC-Sump-3, and GDC-Sump-4. The compounds were calibrated using a response factor where the %RSD was outside of the method specified criteria. In addition, the continuing calibration did not meet the method specification for bis(2-chloroisopropyl)ether for the above samples. Significant uncertainty is associated with the reported value and is likely biased low. The compounds were not detected above the RLs in any of the affected sample or in any other sample collected during the investigation. The affected compounds are not COCs at the site and the data are usable.

The response factor was determined to be less than the method specified minimum acceptable value for pentachloronitrobenzene. Reduced precision and accuracy are associated with this compound for the following samples: GDC-Sump-1, GDC-Sump-2, GDC-Sump-3, and GDC-Sump-4. The affected compound was not detected at or above the RL in any of the associated samples, or in any other sample collected during the investigation. The affected compound is not a COC for the site and the data appear to be usable.

The MSD RPD was outside of the control limits for Cyanide for sample GDC-Sump-2. Reduced precision is anticipated for the reported result. Cyanide was not detected at or above the RL in the associated sample, which is well below the RDEC value. The reported nonconformance does not significantly affect the reported results and the data are usable.

The LCS recoveries for RCP 8260 compounds were all within limits specified by the method except for "difficult analytes", where control limits between 40-160% were used. These analytes included: MIBK, MEK, tert-butyl alcohol, acetone, 1,4-dioxane, vinyl chloride, chloromethane, dichlorodifluoromethane, 2-hexanone, naphthalene, bromomethane, methylene chloride, and tert-butylbenzene. The reported nonconformance does not appear to affect the data.

The LCS recoveries for RCP 8270 compounds were all within control limits specified by the method (40-140% for base/neutrals and 30-130% for acids), except for "difficult analytes", which included: 3,3'-dichlorobenzidine, pyridine, aniline, 4-chloroaniline, 3-nitroaniline, and n-nitrosodiphenylamine. The control limits for these analytes were between 10-180%. None of the compounds were detected in the associated samples or in any other collected sample at the site. The compounds do not appear to be COCs at the site and the data appear usable.

All RLs specified on the chain-of-custody were met, except for pyridine, 1,2,4-tetrachlorobenzene, and pentachloronitrobenzene for GB PMC limits. The laboratory cannot achieve the required RCP calibration criteria at these levels. None of the compounds were detected in the associated samples or in any other collected sample at the site. The compounds are not COCs at the site and the data appear usable.

Laboratory Analytical Report 10L0291

The MS recovery was reported outside of control limits for samples associated with GDC-SB-122 (4-6) for dicholordifluoromethane (Freon 12), methylene chloride, and tetrahyrdofuran. The analysis was in control based on laboratory fortified blank recovery. Since no VOCs were detected in the associated sample, and none of the affected compounds were detected in any other sample collected at the site, the data appear to be usable.

Continuing calibration did not meet method specifications for 1,2-dibromo-3-cholorpropane (DBCP) associated with the equipment blank FB20101209, and is biased low for this compound. Since no VOCs were detected in the associated sample, and the affected compound was not detected in any other sample collected at the site, the data appear to be usable.

The response factor was determined to be less than the method specified minimum acceptable value for the compounds: 2-butanone (MEK), acetone, acrylonitrile, and tetrahydrofuran. Reduced precision and accuracy are associated with these compounds for the following samples: GDC-SB-122 (4-6), GDC-SB-123 (9-11), GDC-SB-123B (9-11), GDC-SB-124 (6-8), GDC-SB-126 (8-10), and TB20101209. Since no VOCs were detected in any of the associated samples, and the affected compounds are not COCs for the site, the data appear to be usable.

The LFB/LCS recovery and duplicate recovery were outside of control limits for 4-chloroaniline and bis(2-chloroisopropyl)ether. The reported values for the following samples are likely to be biased low: GDC-SB-122 (4-6), GDC-SB-123 (9-11), GDC-SB-123B (9-11), GDC-SB-124 (0-2), GDC-SB-126 (2-4), and GDC-SB-126 (8-10). Since only very low levels of SVOCs were detected in two of the affected samples, and the affected compounds were not detected in any other sample collected at the site, the data appear to be usable.

The surrogate recovery standard was outside of control limits for 2,4,6-tribromophenol associated with field equipment blank sample FB20101209. All other recoveries were within allowable limits. No compounds were detected in this sample and the data appear to be usable.

The initial calibration did not meet method specifications for 2,4-dinitorphenol and 4,6-dinitrophenol for the following samples: GDC-SB-122 (4-6), GDC-SB-123 (9-11), GDC-SB-123B (9-11), GDC-SB-124 (0-2), GDC-SB-126 (2-4), and GDC-SB-126 (8-10). In addition, the continuing calibration did not meet the method specifications for 4-nitroaniline, 4-nitrophenol, and bis(2-chloroisopropyl)ether for the following samples: FB20101209, GDC-SB-122 (4-6), GDC-SB-123 (9-11), GDC-SB-123B (9-11), GDC-SB-124 (0-2), and GDC-SB-126 (2-4). Significant uncertainty is associated with the reported value and is likely biased low. Since only very low levels of SVOCs were detected in two of the affected samples, and the affected compounds were not detected in any other sample collected at the site, the data appear to be usable.

The response factor was determined to be less than the method specified minimum acceptable value for pentachloronitrobenzene. Reduced precision and accuracy are associated with this compound for the following samples: GDC-SB-122 (4-6), GDC-SB-123 (9-11), GDC-SB-123B (9-11), GDC-SB-124 (6-8), GDC-SB-126 (2-4), and GDC-SB-126 (8-10). The affected compound was not detected at or above the RL in any of the associated samples, or in any other sample collected during the investigation. The affected compound is not a COC for the site and the data appear to be usable.

The LCS recoveries for RCP 8260 compounds were all within limits specified by the method except for "difficult analytes", where control limits between 40-160% were used. These analytes included: MIBK, MEK, tert-butyl alcohol, acetone, 1,4-dioxane, vinyl chloride, chloromethane, dichlorodifluoromethane, 2-hexanone, naphthalene, bromomethane, methylene chloride, 2,2-dichloropropane, and tert-butylbenzene. The reported nonconformance does not appear to affect the data.

The LCS recoveries for RCP 8270 compounds were all within control limits specified by the method (40-140% for base/neutrals and 30-130% for acids), except for "difficult analytes", which included: benzoic acid, dimethylphthalate, bis(2-chloroisopropyl)ether, hexachlorocyclopentadiene, 4-nitrophenol, phenol, 3,3'-dichlorobenzidine, pyridine, aniline, 4-chloroaniline, 3-nitroaniline, and n-nitrosodiphenylamine. The control limits for these analytes were between 10-180%. None of the compounds were detected in the associated samples or in any other collected sample at the site. The compounds do not appear to be COCs at the site and the data appear usable.

All RLs specified on the chain-of-custody were met, except for acrylonitrile, pyridine, 1,2,4-tetrachlorobenzene, and pentachloronitrobenzene for GB PMC limits. The laboratory cannot achieve the required RCP calibration criteria at these levels. None of the compounds were detected in the associated samples or in any other collected sample at the site. The compounds are not COCs at the site and the data appear usable.

Laboratory Analytical Report 10L0387

The LFB/LCS recoveries were outside of control limits for 3-nitroaniline and 4-chloroaniline. The reported values for sample GDC-TP-03 (2-4) are likely to be biased low. Neither compound was detected at or above the laboratory RL in the affected sample. The reported nonconformance does not significantly affect the reported results and the data appear to be usable.

The continuing calibration did not meet the method specifications for 2,4-dinitrophenol and 4-nitrophenol for sample GDC-TP-03 (2-4). Significant uncertainty is associated with the reported value and is likely to be biased low. Neither compound was detected at or above the laboratory RL in the affected sample. The reported nonconformance does not significantly affect the reported results and the data appear to be usable.

The response factor was determined to be less than the method specified minimum acceptable value for pentachloronitrobenzene. Reduced precision and accuracy are associated with this compounds for sample GDC-TP-03 (2-4). The affected compound was not detected at or above the RL in any of the associated samples, or in any other sample collected during the investigation. The affected compound is not a COC for the site and the data appear to be usable.

Laboratory Analytical Report 10L0388

The method blank associated with the PCB analysis for this analytical batch was spiked. The data validation is not affected due to the sample result being not detected.

The LFB/LCS recoveries were outside of control limits for 3-nitroaniline and 4-chloroaniline. The reported values for sample GDC-TP-05 (2-4) are likely to be biased low. Neither compound was detected at or above the laboratory RL in the affected sample. The reported nonconformance does not significantly affect the reported results and the data appear to be usable.

The continuing calibration did not meet the method specifications for 2,4-dinitrophenol and 4-nitrophenol for sample GDC-TP-05 (2-4). Significant uncertainty is associated with the reported value and is likely to be biased low. Neither compound was detected at or above the laboratory RL in the affected sample. The reported nonconformance does not significantly affect the reported results and the data appear to be usable.

The response factor was determined to be less than the method specified minimum acceptable value for pentachloronitrobenzene. Reduced precision and accuracy are associated with this compound for sample GDC-TP-05 (2-4). The affected compound was not detected at or above the RL in any of the associated samples, or in any other sample collected during the investigation. The affected compound is not a COC for the site and the data appear to be usable.

Laboratory Analytical Report 10L0389

The LFB/LCS recoveries were outside of control limits for 3-nitroaniline and 4-chloroaniline. The reported values for samples GDC-TP-08 (4-6) and GDC-TP-07 (6-8) are likely to be biased low. Neither compound was detected at or above the laboratory RL in the affected sample. The reported nonconformance does not significantly affect the reported results and the data appear to be usable.

The MS recovery was outside of the control limits for the following compounds: 3-nitroaniline, 4-chloroaniline, aniline, benzidine, bis92-chloroisopropyl)ether, N-nitrododimethylamine, phenol, and pyridine. Possible low bias are associated with the reported values for GDC-TP-07 (6-8). None of the compounds were detected at or above the laboratory RL in the affected sample. The reported nonconformance does not significantly affect the reported results and the data appear to be usable.

The continuing calibration did not meet the method specifications for 2,4-dinitrophenol and 4-nitrophenol for samples GDC-TP-08 (4-6) and GDC-TP-07 (6-8). Significant uncertainty is associated with the reported value and is likely to be biased low. Neither compound was detected at or above the laboratory RL in the affected sample. The reported nonconformance does not significantly affect the reported results and the data appear to be usable.

The response factor was determined to be less than the method specified minimum acceptable value for pentachloronitrobenzene. Reduced precision and accuracy are associated with this compound for samples GDC-TP-08 (4-6) and GDC-TP-07 (6-8). The affected compound was not detected at or above the RL in any of the associated samples, or in any other sample collected during the investigation. The affected compound is not a COC for the site and the data appear to be usable.

Laboratory Analytical Report 10L0671

For method 8270, only PAHs were requested and reported. Since only PAHs were detected in the original samples, only PAHs were requested for the synthetic precipitation leaching procedure (SPLP) analysis for GB PMC compliance determination.

Laboratory Analytical Report 10L0672

For method 8270, only PAHs were requested and reported. Since only PAHs were detected in the original samples, only PAHs were requested for the SPLP analysis for GB PMC compliance determination.

Laboratory Analytical Report 10L0674

For method 8270, only PAHs were requested and reported. Since only PAHs were detected in the original samples, only PAHs were requested for the SPLP analysis for GB PMC compliance determination.

Laboratory Analytical Report 11A0018

For metals analytical methods 6010 and 6020, only total and SPLP Lead were requested and reported for the following samples: GDC-SB-136 (1-3), GDC-SB-138 (6-8), GDC-SB-147 (13-15), GDC-SB-9 (6-8), GDC-SB-138 (12-14), GDC-SB-139 (6-8), GDC-SB-141 (6-8), GDC-SB-142 (10-12), and GDC-SB-142 (13-15). Only total/SPLP Lead and Arsenic were requested and reported for the following samples: GDC-SB-127 (0-2), GDC-SB-136 (1-3), GDC-SB-146 (2-4), GDC-SB-149 (12-14), and GDC-SB-142 (6-8). The specific samples were collected for the purpose of delineating Lead and Arsenic exceedances only; therefore, the data are sufficient for the purpose of defining the extent of contamination of the associated release areas and are usable.

For method 8270, only PAHs were requested and reported. Since only PAHs were detected in the original samples, only PAHs were requested for the SPLP analysis for GB PMC compliance determination.

The surrogate recovery for o-terphenyl (associated with ETPH analysis) for the sample GDC-SB-142 (13-15) was not available due to sample dilution below the surrogate reporting limit from high analyte concentrations and/or matrix interferences. Since ETPH was detected at 4,300 mg/kg, exceeding the Industrial/Commercial Direct Exposure Criteria (I/C DEC), the lack of recovery is not a significant issue.

The LFB/LCS control sample recovery was outside of the control limits for bromomethane and the continuing calibration did not meet the method specifications. The reported value for this compound is likely to be biased low and reduced precision and accuracy are associated with the reported result. The only affected sample was the trip blank, Trip Blank 2930. In addition, the pH of the sample was outside of the method specified criteria. No VOCs were detected at or above the laboratory RLs in the affected sample. The reported nonconformance does not significantly affect the results and the data are usable.

The MS recovery was outside of the control limits for the following compounds: 1,1-dichloroethane, acrylonitrile, carbon disulfide, methyl tert-butyl ether (MTBE), methylene chloride, and trans-1,2-dichloroethylene. Possible low bias are associated with the reported values for GDC-SB-134 (14-16). None of the compounds were detected at or above the laboratory RL in the affected sample. The reported nonconformance does not significantly affect the reported results and the data appear to be usable.

The reported results were estimated for the following compounds: anthracene, benxo(a)anthracene, benzo(b)fluoranthene, crysene, fluoranthene, phenanthrene, and pyrene for samples GDC-SB-132 (0-2) and GDC-SB-127 (0-2). The values reported were over the verified calibration range. Both of the associated samples had detections of these compounds and/or additional PAHs exceeding RDEC, IDEC, and PMC values. The reported nonconformance does significantly affect the reported results and the data are usable. The reported nonconformance does significantly affect the reported results and the data are usable.

The LFBD RPD was outside of control limits for fluoranthene. Reduced precision is anticipated for the reported values for the following samples: GDC-SB-127 (0-2), GDC-SB-132 (0-2), GDC-SB-132 (0-2), GDC-SB-146 (2-4), GDC-SB-149 (12-14), and GDC-SB-142 (13-15). Concentrations of fluoranthene in the affected samples were well below RDEC and GB PMC values. All of the associated samples had detections of other PAHs exceeding RDEC and/or PMC. The reported nonconformance does not significantly affect the reported values and the data are usable.

Laboratory Analytical Report 10L0811

For method 8270, only PAHs were requested and reported. Since only PAHs were detected in the soil samples collected on-site, only PAHs were requested for the submitted groundwater samples.

All groundwater reporting limits specified on the chains-of-custody were met, with the exception of acrylonitrile, where the most protective criteria were not met, since the laboratory could not achieve the required RCP calibration criteria at those levels. Based upon the absence of any detected dissolved-phase VOCs above RSR criteria at the site, the laboratory RL for this compound is usable.

Laboratory Analytical Report 11A0002

For method 8270, only PAHs were requested and reported. Since only PAHs were detected in the soil samples collected on-site, only PAHs were requested for the submitted groundwater samples.

The LFB/LCS recoveries were outside of control limits for bromomethane, dichlorodifluoromethane (Freon 12), and tetrahydrofuran. The reported values are likely to be biased low for the following

samples: GDC-MW-2, GDC-MW-102, GDC-MW-102B, GDC-MW-108, GDC-MW-110, and GDC-MW-112. None of the compounds were detected at or above the laboratory RL in the affected samples. The reported nonconformance does not significantly affect the reported results and the data appear to be usable.

The MS/MSD recoveries were outside of the control limits for bromomethane. The analysis was in control based on LFB recovery. In addition, the MS/MSD recoveries for dichlorodifluoromethane (Freon12) were outside of the control limits. The reported results for sample GDC-MW-108 may have a low bias. Neither compound was detected in the associated sample at or above the laboratory RLs, or in any other sample collected during the investigation. The affected compounds are not COCs at the site and the data are usable.

Groundwater sample GDC-MW-112 had elevated RLs for VOCs due to the high concentration of non-target compounds. All compounds were "non-detect"; however, RLs exceeded the Residential Groundwater Volatilization Criteria (RVC) values for 1,1,2-tetrachloroethane, 1,1,2,2-tetrachloroethane, 1,2-dibromo-3-chloropropane (DBCP), bromobenzene, carbon tetrachloride, and vinyl chloride. The compounds were not detected in any other groundwater sample collected during the investigation, and the RLs were below the Industrial/Commercial Volatilization Criteria (IVC) and the Surface Water Protection Criteria (SWPC). The compounds are not COCs at the site and the data are usable.

The continuing calibration did not meet the method specifications for bromomethane and dichlorodifluoromethane (Freon 12) for samples GDC-MW-2, GDC-MW-102, GDC-MW-102B, GDC-MW-108, GDC-MW-110, and GDC-MW-112. Increased uncertainty is associated with the reported values and are likely to be biased low. Neither compound was detected at or above the laboratory RL in the affected samples or in any other groundwater sample collected during the investigation. The reported nonconformance does not significantly affect the reported results and the data appear to be usable.

All groundwater reporting limits specified on the chains-of-custody were met, with the exception of acrylonitrile, where the most protective criteria were not met, since the laboratory could not achieve the required RCP calibration criteria at those levels. Based upon the absence of any detected dissolved-phase VOCs above RSR criteria at the site, the laboratory RL for this compound is usable.

Conclusions

Based upon a review of the provided QA/QC reports, duplicate results, and a review of the laboratory report case narratives, all the laboratory data generated appears valid and usable. The locations where elevated concentrations of contamination were detected are consistent with the CSM. ETPH and PAH concentrations were located in the former railbed areas, elevated metals and PCBs were located in areas of contaminated ash fill, and various COCs were detected with the demolition/building debris from the former factory buildings on-site. The analytical data are of adequate quality and of sufficient accuracy, precision, and sensitivity to determine compliance with RSR criteria and evaluate remediation alternatives.