Prepared for:
City of Meriden Economic Development
142 East Main Street
Meriden, CT 06450

Supplemental Investigation and Soil Re-use Evaluation Report

AECOM, Inc.
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Former INSILCO, Factory H
Meriden, Connecticut

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EXECUTIVE SUMMARY

Supplemental Investigation and Soil Re-Use Evaluation
INSILCO, Factory H
Meriden, Connecticut
AECOM Environment
August 2009

A Supplemental Investigation and Soil Re-Use Evaluation were completed at the two abutting parcels located on 77 Cooper Street and 104 Butler Street, referred to as the Former International Silver Company (Insilco), Factory H property. A Site Location Map is provided as Figure 1. The Supplemental Investigation was completed to further investigate and refine the estimated extents of impacts previously identified at several site Areas of Concern (AOCs) and Connecticut Department of Environmental Protection (CTDEP) Stabilization Areas (SAs), as well as to evaluate conditions in areas not previously investigated. The Soil Re-Use Evaluation was completed on the southeastern portion of the property located on the eastern side of Harbor Brook, also in an area not previously investigated. A Site Plan is provided as Figure 2.

Both investigations were performed to obtain data that aims to provide site environmental condition information and assist the City of Meriden in its efforts to evaluate re-use alternatives located at the former industrial property. The Soil Re-Use Evaluation was performed specifically to identify whether soils in an area just east of Harbor Brook could be re-used at other site areas in accordance with the Connecticut Remediation Standard Regulations (RSRs).

The Supplemental Investigation included the completion of 21 soil borings. The soil borings ranged in depth from 0.5 feet (ft) below ground surface (bgs) to 15 ft bgs. The soil samples were field inspected and select depth intervals were collected for laboratory analyses. Selected soil samples were analyzed for one or more of the following: volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) or the poly-cyclic aromatic hydrocarbon (PAH) fraction of SVOCs, extractable total petroleum hydrocarbons (ETPH), various metals and poly-chlorinated biphenyls (PCBs). Thirty soil samples (including QA/QC) were analyzed as part of this investigation.

Other tasks included in the Supplemental Investigation included installing two monitoring wells, groundwater sampling from the two newly installed wells along with select existing monitoring wells (14 groundwater samples, including QA/QC samples), groundwater gauging, surveying to locate all sample locations and reporting.

The Soil Re-Use Evaluation included the completion of six borings to a depth of 15 ft bgs. Two soil samples per boring were collected for laboratory analyses of one or more of the target compounds listed above. These sample locations and results were also included in the surveying and reporting tasks discussed above (see Figure 3).

These scopes of work included approval from the United States Environmental Protection Agency (EPA) prior to the commencement of field work. The following is a summary of the findings.

Supplemental Investigation - Soil

The Supplemental Investigation findings included lead and PAH impacts exceeding their respective residential (RES) and/or Industrial/Commercial (I/C) direct exposure criteria (DEC) in shallow soils in AOC-15A/B (former debris piles located in the eastern portion of the site). Impacts identified were similar to those previously identified in these areas (M&E Phase II/III ESA, 2007). Select PAHs also exceeded the I/C DEC in this area. Additionally, one PAH exceedance of the GB Pollutant Mobility Criteria (PMC)/Groundwater Protection Criteria (GWPC) X 10 was identified in one location. The estimated extents of soil exceeding RSR criteria in these AOCs have been modified to incorporate these new findings with the previous investigation results. The estimated extents of soil exceeding the RS criteria are presented on Figures 4, 5, and 6. In general, the areas exceeding the DEC have increased slightly and the areas exceeding PMC have decreased.

Shallow lead and PAH impacts were also identified above the RES DEC and the I/C DEC (for PAHs only) in the AOC-17 and AOC-24 area (northeast portion of the property), whereas PAHs and TCE were previously identified above RSR criteria during the 2007 Phase II/III ESA. No additional significant VOC impacts were identified in the soil sampling performed in this area during the Supplemental Investigation. The estimated extents of soil exceeding RSR criteria in these AOCs have been modified to incorporate these new findings with the previous investigation results. In general, the areas of RES and I/C DEC have been expanded and the areas of PMC exceedances have decreased.

Subsurface conditions beneath Building A (AOC-33) were also evaluated during the Supplemental Investigation. Limited soil sampling was completed which identified the presence of lead, arsenic, PAHs, and extractable total petroleum hydrocarbons (ETPH) above the RES and/or I/C DEC in the unsaturated soils beneath the building. These exceedances are located beneath the southern half of the building. Access to various interior areas was limited during field investigation activities due to flooding and excessive ice and water. The estimated extents of soil exceeding RSR criteria underneath Building A have also been incorporated into the site plans. However, due to the limited access, additional testing underneath the building is recommended.

Soil Re-use Evaluation

The Soil Re-Use evaluation conducted in the southeastern portion of the site identified various PAHs and ETPH at depths of up to six feet bgs with concentrations that exceeded the RES and/or I/C DEC. ETPH was identified throughout this area at concentrations that did not exceed RSR criteria. The estimated extents of soil exceeding RSR criteria within the Soil Re-use Evaluation area have also been incorporated into the site plans.

Supplemental Investigation - Groundwater

The Supplemental Investigation included the collection of additional groundwater data at select newly installed and existing monitoring well locations. The purpose of the newly installed well on the upgradient property line in the northeast portion of the site (in the vicinity of AOC-17 and AOC-25) is to evaluate whether impacted groundwater may be entering the site from an off-site location. The purpose of the groundwater testing beneath Building A is to evaluate groundwater quality in this portion of the site, as no

groundwater data has previously been obtained from beneath the building. Select existing wells were also sampled during this investigation to provide updated groundwater quality data and to evaluate concentration trends.

Monitoring well locations and RSR exceedances in groundwater are shown on Figure 7. Trichloroethylene (TCE) was detected above the RES VC in the new monitoring well completed on the northeastern property boundary (ME-MW-01). Other VOCs detected (tetrachloroethylene (PCE) and cis-1,2-dichlorothylene) at this location did not exceed RSR criteria. Although this monitoring well is located near the upgradient property line, it appears the groundwater impacts identified at this location are the result of historic on-site activities, as several isolated areas of impact have been previously identified in close proximity to this well location.

A comparison of chlorinated VOC concentrations from 2006 to 2009 from wells AOC-11-MW-1, MW-100, MW-101, MW-102, AOC-17-MW-1 and AOC3-MW-3 show an overall decreasing concentration trend from 2007 to 2009. Concentrations of PCE have decreased (or remained relatively unchanged in AOC-17-MW-1) in each of these wells. The concentration of vinyl chloride increased in AOC-3-MW-3 between 2007 and 2009. This may be the result of the parent compound (PCE) breaking down into vinyl chloride, which indicates natural attenuation processes are occurring at the site. This will be further evaluated as part of planned future monitoring.

Zinc, copper, and lead were detected above the surface water protection criteria (SWPC) in groundwater collected beneath Building A (AOC 33), an area not previously investigated. ETPH was detected in the groundwater sample collected; however, no RSR criteria has been established for ETPH. No VOCs or PAHs were detected in this area. An alternative SWPC could potentially address SWPC exceedances; however, CTDEP approval of alternative SWPC would be required.

Summary

The Supplemental Investigation and Soil Re-Use Evaluation were conducted to further refine soil areas that exceed RSR criteria and to evaluate soil re-use alternatives related to conceptual site redevelopment plans. The preliminary concept plans include coordination of environmental remediation activities with the City's flood management program. Specifically, the concept plans include construction of a flood retention basin on the eastern side of the brook and increasing the ground elevation on the western side of the brook prior to commercial and/or residential development west of Harbor Brook.

The preliminary concept plans in this area include potential re-use of soils in accordance with RSRs (if feasible) from the eastern side of Harbor Brook onto portions of the site located on the western side of Harbor Brook. The results of this investigation will be incorporated into these concept plans. Depending on the specific plans developed in the future, focused testing in targeted redevelopment areas may be warranted. The soil data obtained to date is sufficient to develop remediation/flood control/redevelopment concepts.

In addition to supporting conceptual redevelopment plans, the refined areas of impacted soil that exceed RSR criteria may be used to develop interim remedial action plans to remediate the areas identified with the greatest impact. These interim remedial actions could be conducted using the two existing EPA Cleanup Grants allocated to the Factory H site.

Further evaluation of monitored natural attenuation (MNA) will be conducted in 2009. The additional evaluation will include analysis of chlorinated VOCs from select wells in the northeast portion of the site (includes select wells sampled during this Supplemental Investigation). Groundwater trends will continue to be evaluated as part of this evaluation. The MNA evaluation will also be incorporated into site redevelopment and remediation plans and will help elucidate future groundwater remediation requirements, costs and timeframes. This information is important for understanding potential long-term costs related to the site.

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1.0 Introduction

AECOM Environment (AECOM – formerly Metcalf & Eddy [M&E]) has completed a Supplemental Investigation and Soil Reuse Evaluation for the two abutting parcels located at 77 Cooper Street and 104 Butler Street, and commonly referred to as the Former International Silver Company (Insilco), Factory H property, in Meriden, Connecticut (herein referred to as "the site"). A Site Location Map is provided in Figure 1.

Although initially these projects were treated separately and separate Quality Assurance Project Plans (QAPPs) were prepared for each investigation, for reporting purposes, these investigations have been combined into one document provided herein. These investigations were completed in February (Supplemental Investigation) and March (Soil Re-Use Evaluation) of 2009.

The site was investigated on behalf of the City of Meriden, Office of Economic Development (the "City"). The results of this investigation will facilitate the development of remediation/redevelopment concepts for the site. This report is subject to the Statement of Limitations provided as Appendix A.

The Supplemental Investigation was performed to address data gaps remaining on several previously investigated areas of concern (AOCs) at the site. The objective if this investigation was to further refine the estimated extent of contaminated soil areas that could result in significant cost impacts to site redevelopment.

The Soil Re-Use Evaluation was conducted on the southeastern portion of the site not previously investigated. This evaluation was performed to evaluate soil re-use alternatives related to conceptual site redevelopment plans. The preliminary concept plans in this area include potential re-use of soils (if feasible), in accordance with Connecticut Remediation Standard Regulations (RSRs), from portions of the property located west of Harbor Brook. The preliminary concept plans include coordination of environmental remediation activities with the City's flood management program. Specifically, the concept plans include construction of a flood retention basin on the eastern side of the brook and increasing the ground elevation on the western side of the brook prior to commercial and/or residential development west of Harbor Brook.

The supplemental investigation and soil re-use evaluation were conducted in accordance with the following documents:

- Scope of Work (SOW) for the Completion of Supplemental Environmental Services for the Insilco, Factory H site, dated September 26, 2008 (detailing the Supplemental Investigation) and November 24, 2008 (detailing the Soil Re-Use Evaluation).
- QAPP Addendum for Supplemental Environmental Investigation prepared for the Insilco, Factory H site (January 12, 2009).
- QAPP Addendum for Soil Re-Use Evaluation prepared for the Insilco, Factory H site (February 25, 2009).

In addition to the information and data collected by AECOM, information from previous environmental investigations has been incorporated into this report, including M&E's

April 2006 Phase I ESA, M&E's March 2007 Phase II/III ESA, and the Connecticut Department of Environmental Protection (CTDEP) site stabilization activities.

1.1 Scope of Work and Objectives

Based on the Phase I and Phase II/III ESA findings, and the SOW from both the Supplemental Investigation and Soil Re-Use Evaluation, these investigations were performed to:

- Evaluate environmental conditions of soil and groundwater beneath Building A;
- Refine the extents of surficial soil impacts within three of the larger AOCs previously identified at the site (AOCs 15, 17/24, and 33);
- Install an additional monitoring well to evaluate whether impacted groundwater may be entering the site from an off-site location;
- Conduct a supplemental round of groundwater sampling at the site; and
- Evaluate soil on the southeastern portion of the site for its beneficial on-site re-use potential.

The specific tasks performed as part of the Supplemental Investigation and Soil Re-Use Evaluation were completed to meet the stated objectives presented below:

<u>Pre-Field Tasks</u>

- Preparation of separate QAPP Addendums for each investigation;
- Preparation of a site specific Health and Safety Plan (HASP) to provide guidelines for the Supplemental Investigation and Soil Re-Use Evaluation work;
- Coordination with the United States Environmental Protection Agency (USEPA), CTDEP, City of Meriden, and subcontractors; and
- Sample location stakeout and utility clearance.

<u>Field Work</u>

- Conduct site surveying and mapping;
- Complete Geoprobe® soil borings and monitoring well installation to provide for soil and groundwater sample collection;
- Collect groundwater measurements;
- Collect surficial and soil boring soil samples to provide chemical data; and
- Collect groundwater samples utilizing low flow sampling methods, which also provide chemical data, and evaluate potential migration pathways.

<u>Reporting Tasks</u>

- Provide a description of the soil sampling, monitoring well installation, and groundwater sampling activities;
- Provide soil boring, well installation, and groundwater sampling logs;
- Summarize and evaluate soil and groundwater sampling;
- Compare and evaluate analytical results with the RSR criteria;
- Provide figures presenting the soil and groundwater data;
- Provide a narrative of the analytical results; and
- Provide conclusions.

2.0 RSR Criteria

The following regulations and associated criteria are presented as they have been used to compare and evaluate the soil and groundwater data obtained during this Investigation.

2.1 Connecticut Remediation Standard Regulations

The Regulations of Connecticut State Agencies (RCSA) Sections 22a-133k-1 through 22a-133k-3, inclusive, comprise the RSRs. These regulations are applicable to various sites in Connecticut including those undergoing investigation and remediation under the Property Transfer Program, an administrative order from CTDEP, or under one of the CTDEP Voluntary Remediation Programs. The subject site is proposed to be remediated under one of Connecticut's Voluntary Remediation Programs as described in RSCA Sections 22a-133x and 133y. The criteria are discussed in the following subsections.

2.1.1 Soil Remediation Criteria

The RSRs contain numerical, default criteria for contaminated soil associated with a release area that are based on both the potential for direct human health impacts from exposure to contaminants (direct exposure criteria) and on the potential for the soils to have an adverse impact on groundwater (pollutant mobility criteria). Two sets of direct exposure criteria are specified: one derived for residential land use, and the other derived for industrial and commercial land use. Similarly, two sets of pollutant mobility criteria are specified: one for areas with a groundwater classification of GA/GAA, and one for a groundwater classification of GB. Class GA/GAA groundwater is groundwater that is an existing or potential source of potable water and is presumed to be suitable for human consumption without the need for treatment. Class GB groundwater is presumed to have been degraded by past urban or industrial activities and may not be suitable for human consumption without treatment. Additional information on these criteria is presented in the following sections.

Direct Exposure Criteria (DEC)

The RSR definition of "residential activity" includes activities related to a residence or dwelling, as well as activities related to schools, hospitals, daycare centers, playgrounds, or outdoor recreation areas. The residential direct exposure criteria ("RES DEC") apply in areas with residential activities, but are also the default criteria used to evaluate potential human exposure in all areas. Industrial/commercial direct exposure criteria ("I/C DEC") may be applied to areas that do not fit the definition of residential activity, but an Environmental Land Use Restriction ("ELUR") must be recorded to prevent residential uses of the property. These criteria are for comparison to soils data analyzed on a mass of contaminant to mass of soil basis (typically milligram per kilogram, or mg/kg).

Pollutant Mobility Criteria (PMC)

The RSRs include a set of numerical pollutant mobility criteria (PMC) for soils contaminated with organic contaminants in GA and GB areas on a mass/mass basis. Alternatively, the results of TCLP (toxicity characteristic leachate procedure) or SPLP (synthetic precipitation leachate procedure) analyses for some organic contaminants can be compared to the groundwater protection criteria (GWPC) times 10. This allows for the comparison of the detected mass of contaminant per liter of leachate (mg/L). The RSR criteria for inorganic contaminants are based on TCLP or SPLP analysis of the soil, but the PMC X 20 screening method may be used to evaluate the potential for PMC exceedances. The PMC X 20 screening method represents the theoretical maximum concentration that may potentially leach from soil.

The CTDEP may also approve alternative PMC, however, a site-specific demonstration may be required that shows that after dilution of soil water with on-site groundwater, the groundwater protection criteria (GWPC) will not be exceeded.

2.1.2 Groundwater Remediation Criteria

The RSRs also contain numerical, default criteria for contaminated groundwater associated with a release area. Criteria are established to protect groundwater and surface water resources, and to protect human health from contaminants that may volatilize from contaminated groundwater. Additional information on these criteria is presented in the following sections.

Groundwater Protection Criteria (GWPC)

The RSRs specify only one set of groundwater protection criteria (GWPC) for both GA and GB areas. However, the remediation goals differ by groundwater classification. For GA areas, the goal is to maintain background concentrations or, at a minimum, the default GWPC. In GB areas, it is assumed that groundwater has been impacted. The goal is to maintain the quality of the groundwater to support existing uses. The GWPC does not apply to GB classified groundwater areas.

Surface Water Protection Criteria (SWPC)

The surface water protection criteria (SWPC) is used to evaluate potential impacts to surface waters that receive discharge of contaminated groundwater. If the discharge of such groundwater interferes with the attainment of surface water quality standards, then groundwater remediation may be required. In addition, if the groundwater discharges to a wetland or to an intermittent stream, aquatic life criteria (ALC) and human health criteria (HHC) established in Appendix D of the Water Quality Standards (CTDEP, December 17, 2002) are used to evaluate the need for remediation. According to the RSRs, alternative surface water protection criteria (ASWPC) may be calculated and submitted to CTDEP for approval.

Volatilization Criteria (VC)

The RSRs include volatilization criteria (VC – proposed revisions March 2003) for contaminated groundwater within 30 feet of the ground surface, or upgradient of or beneath a building. The intent of these criteria is to prevent human exposure to volatile organic vapors emanating from impacted groundwater. As with the soil criteria, volatilization criteria for both residential (RES VC) and industrial/commercial (I/C VC) uses are specified, and alternative criteria may be developed with the approval of the CTDEP. Groundwater on the site is typically found within 10 feet of the ground surface.

2.2 Additional RSR Information

In addition to the criteria discussed above, the RSRs include additional alternatives for statistical evaluation of sample data, such as the use of 95% upper confidence level data to compare to the RSR criteria; rendering soil that exceeds DEC inaccessible; which requires the institution of environmental land use restrictions; reuse of polluted soil; engineered controls of contaminated media; remediation requirements for non-aqueous phase liquids (NAPL); development of criteria for substances that are not specified in the RSRs; development of alternative criteria; technical impracticability; and other issues. In addition, there are soil vapor criteria and indoor air target concentrations that may be used to evaluate volatilization issues if the VC are exceeded.

2.3 Summary of RSR Criteria Applied to the Site

Based on the GB designation for site groundwater and the potential land uses of the site following redevelopment, the RSR criteria that apply to soil data obtained from this investigation are the GB PMC and RES DEC. Since the RES DEC are the RSR default criteria, and the RSRs permit Environmental Land Use Restrictions (ELUR) that constrict future use of a site to non-residential uses, comparison to the I/C DEC is also provided herein. Groundwater data are compared to the SWPC, RES VC, and I/C VC.

In addition to the default RSR criteria utilized to evaluate contaminant concentrations in soil, the GWPC X 10 was used to compare SPLP results of organic compounds.

Total metals concentrations were screened for potential GB PMC exceedances using the mass based PMC X 20 screening method. Typically, total metal concentrations which exceed the PMC X 20 screening method are capable of yielding leachable amounts which exceed the PMC if analyzed by TCLP/SPLP methods. The CTDEP allows this screening method to evaluate potential PMC exceedances without having to perform leachable analytical testing.

3.0 Site Description and Environmental Conditions

3.1 Site Setting and History

The Factory H property, approximately 7.2 acres in size, is located on Cooper Street, in the City of Meriden, New Haven County, Connecticut. The site is bisected by Harbor Brook and is located in an area of mixed commercial, industrial, and residential land use. The site is bound by Cooper Street to the south, and residential/commercial properties to the east, west, and north. A site location map is provided as Figure 1.

The site and site history was described in the Brownfields Targeted Site Assessment Final Report (Weston, September 1999) and Supplemental Phase II Environmental Site Evaluation (GZA, June 2000). The site was used for a variety of industrial and manufacturing purposes from the late 1800s until approximately 1974, at which time the property was vacated. Industrial processes historically conducted on the site included silverware and gun manufacturing. Processes included casting, plating, machining, trimming, polishing, buffing, forging, storage, and shipping. The property has remained vacant since 1974, and is currently abandoned.

Three buildings, constructed between approximately 1886 to 1947, are present on the site: Building A (Factory H) is a 100,000+ square foot, multi-story former manufacturing structure; Building B is a 900 square foot former transformer/electrical house; and Building C is a 7,200 square foot former power plant. There are several additional structures, including a footbridge and water tower, on the site. A fourth building (Building D), formerly on the northeast portion of the site, was destroyed by fire and demolished circa 1980. Initially a gun manufacturing shop, Building D housed a machine shop, a foundry, and a pattern shop. Building A is located to the west of the brook, while Buildings B and C are east of the brook. The remainder of the eastern side of the brook is primarily a cleared space. The site is located within the 100-year flood plain. Figure 2 presents a site plan.

Factory H is known to have used alkali soaps, sulfuric acid, oils, nickel, silver, chromium, copper, zinc, acid and alkali solutions, and halogenated and non-halogenated solvents. Other constituents of concern (COCs) on the site include, but may not be limited to, asbestos, other metals (including lead), cyanide, PCBs, total petroleum hydrocarbons, and volatile and semi-volatile organic compounds. Twenty-two cyclone-like dust collectors were previously located along the east side of Building A. The dust collectors were used to collect metal dust from the former silverware manufacturing operations. Nineteen of the 22 dust collectors and associated framing were removed during a Supplemental Environmental Project (SEP) performed in December 2008 by TransWaste, Inc.

3.2 Surrounding Properties

The site is located in an area of mixed commercial, industrial, and residential land use. Properties adjacent to the site include both commercial and residential. The site is bordered by railroad tracks and Cherry Street residences to the east; commercial establishments, Harbor Towers and Hanover Towers to the north; Louie's Auto Garage

and Cooper Street to the south/southeast; and the former Veteran's Memorial Medical Center and Cook Avenue residences to the west. A Yankee Gas natural gas facility and residential properties are located to the south of the site, across Cooper Street.

3.3 Previous Investigations

Various environmental activities have been conducted at the site. Environmental work has been documented in the following reports:

- HRP Associates, Inc., *Site Assessment Report*, June 21, 1988.
- Advanced Environmental Interface. *Assessment of Site Environmental Conditions Report*, January 24, 1990.
- ICF Kaiser Engineers, Inc., *Underground Storage Tank Sampling Report*, December 17, 1990.
- Roy F. Weston, Inc., *Removal Program Preliminary Assessment/Site Investigation Report*, December 22, 1997.
- Roy F. Weston, Inc., International Silver Co., Factory H, *Brownfields Targeted Site Assessment Final Report*, September 8, 1999.
- GZA GeoEnvironmental, Inc., *Supplemental Phase II, Environmental Site Evaluation, International Silver Company, Factory H Site, Meriden, Connecticut*, June 2000.
- Subsurface Information Surveys. *Ground Penetrating Radar Survey Results For the Investigation for the Location of: Underground Storage Tanks & Utilities At: 77 Cooper St., Meriden, CT*, July 2005.
- Advanced Environmental Interface (AEI). *Removal Stabilization Activities Summary Report, Former International Silver Company/Insilco Factory H Site*, *Meriden, CT.* February 2006.
- Metcalf & Eddy, Inc. *Phase I Environmental Site Assessment Report. INSILCO, Factory H Site, Cooper Street, Meriden, Connecticut.* November 2006.
- Metcalf & Eddy, Inc. *Phase II/III Environmental Site Assessment Report. International Silver Company, Factory H, Meriden, Connecticut*. March 28, 2007.

Weston identified a total of 29 (AOCs). Four additional AOCs were identified by M&E, for a total of 33 AOCs. All 33 AOCs, designated AOC-1 to AOC-33, are listed in Table 1. Each area is varied with respect to the number of soil and groundwater samples collected and the laboratory analyses performed. With the exception of AOC-25 (Contaminated Groundwater) and AOC- 31 (Site-Wide Surficial Soils), all AOCs are shown on Figure 2.

Under the guidance of the CTDEP in 2004-2005, and on behalf of MidState Medical Center (MMC), removal/stabilization activities were performed by Advanced Environmental Interface, Inc. (AEI) to remove certain hazardous materials and stabilize certain hazardous conditions at the former International Silver Company/Insilco Factory H site. Data from this and other investigations were provided in Appendix E of Metcalf & Eddy's Phase II/III ESA. The Removal/Stabilization Activities Summary Report (AEI, February 2006) described these activities. A total of 23 removal/stabilization areas were identified as SA-A to SA-W and are also listed in Table 1. The types and quantities of materials removed/stabilized are discussed in the Roy F. Weston Inc. and GZA GeoEnvironmental, Inc. reports listed above.

These removal/stabilization areas have been assigned labels of "Stabilization Area" A through W (SA-A to SA-W). As shown on Table 1, a number of the stabilization areas

overlap with specific AOCs. As confirmatory soil sampling was apparently not conducted during the stabilization/removal process, it was completed during the Phase II/III conducted by M&E in 2007. Three additional AOCs (#30 to #32) were added to the list of AOCs. AOC 33 was added by the M&E Phase I completed in November 2006.

The M&E Phase II/III report was completed in March of 2007. Field activities included the completion of 28 soil borings, six of which were finished as groundwater monitoring wells, the collection of 52 soil boring samples, 29 surficial soil samples, (including QA/QC samples and two river bank (RB) samples collected from the upper 2-4 feet on the western bank of Harbor Brook), and six groundwater samples (including one QA/QC sample), and land surveying for base map preparation. An additional eight soil borings were completed as monitoring wells near the eastern property boundary on the 104 Butler Street parcel to evaluate a VOC groundwater plume, adjacent to residential structures along Cherry Street. From these locations, eight groundwater samples and two soil boring samples were collected. A total of 21 areas of concern (AOCs) were investigated during the Phase II/III ESA. The Phase II/III determined that approximately 10 AOCs did not require any additional investigation and developed 11 larger areas that were comprised of multiple AOCs and SAs. A summary table of the Phase II/III results was included in Appendix B-4 of the January 2009 QAPP Addendum.

3.4 Site Utilities

The site is connected to municipal water and sewer service, which are currently inactive. Underground natural gas, electric, and telephone utilities are on-site. Of significance to the sampling plan is the presence of active underground gas lines located in the vicinity of the brook; one buried gas line is located on each side of the brook.

3.5 Water Supply Wells

There are no known potable water supply wells within 500 feet of the site (EDR report, February 23, 2006).

3.6 Surface Water

The site is bisected by Harbor Brook, which connects to the Quinnipiac River. Harbor Brook has a B surface water classification (CTDEP, 1993). A B surface water classification indicates that the water may be a suitable fish and wildlife habitat.

3.7 Groundwater

The CTDEP classification for the groundwater in the vicinity of the site is GB, which is defined as groundwater that is presently known or presumed to be degraded due to historical land use practices and is not suitable for human consumption without prior treatment (Water Quality Classifications Map for Housatonic River, Hudson River, and Southwest Coastal Basins, CTDEP, 1997).

Groundwater flow direction was estimated by Weston (1999). On the eastern portion of the site, groundwater is estimated to flow in a southwesterly direction towards Harbor Brook. Conversely, on the western portion of the site, groundwater is estimated to flow in a southeasterly direction towards Harbor Brook. Groundwater flow direction was

confirmed to flow to the southeast on the eastern portion of the site (east of Harbor Brook) during M&E's 2007 Phase II/III investigation, as well as during this investigation. Groundwater flow direction is inferred to be toward the brook on the western site parcel; however, this has not been confirmed. A summary of available groundwater elevation data is provided in Table 2.

3.8 Surficial and Bedrock Geology

The Surficial Materials Map of Connecticut identifies the unconsolidated material overlying bedrock as a mixture of gravel and sand (CTDEP, 1992). According to the Bedrock Geological Map of the Meriden Quadrangle of Connecticut (USGS, 1985), bedrock beneath the site is identified as New Haven Arkose, a sandstone.

4.0 Supplemental Investigation and Soil Re-use Evaluation Activities

4.1 Pre-Field Work

The Supplemental Investigation work performed at the site was completed in accordance with AECOM's January 12, 2009 QAPP Addendum, and the Soil Re-use Evaluation was completed in accordance with AECOM's February 25, 2009 QAPP Addendum, both of which were reviewed and approved by EPA Region I prior to commencement of site work (approvals dated January 14 and March 12, 2009 respectively). The QAPP's included a sample design, which utilized the Conceptual Site Modeling (CSM) process described in the text entitled "Conceptual Site Modeling: A Process for Effective Site Characterization, Environmental Professionals' Organization of Connecticut, June 8 & 12, 2001, Gray Conference Center, University of Hartford".

Prior to initiating intrusive field activities at the site, a site-specific HASP was developed. The HASP was designed to meet the requirements of 29 CFR 1910.120. The HASP assumed that modified Level D personal protection was sufficient for all field work. The air in the breathing zone was monitored for organic vapors during intrusive activities using appropriate instrumentation. In addition, Call-Before-You-Dig (CBYD), a public utility locating service, was contacted to minimize interruption of buried utlilities. All work was conducted in Modified Level D personal protective equipment.

Three contractors were procured for field and laboratory services: The contractors used during field investigations included Aquifer Drilling and Testing (ADT) of Bloomfield, Connecticut (soil boring and monitoring well installation services); Con-Test Analytical Laboratory, of East Longmeadow, Massachusetts (analytical laboratory services), and Nafis and Young Engineers (N&Y), of Northford, Connecticut (surveying services).

4.2 Soil Borings

The following subsections detail work completed during each of the investigations completed at the site.

4.2.1 Supplemental Investigation

Twenty-one soil borings were conducted at the site on February 17 and 19, 2009. The borings were drilled to depths ranging between 0.5 to 15.0 feet below ground surface (bgs). Soil boring locations are shown on Figure 3 and soil boring logs are located in Appendix B.

The soil borings were installed using a Geoprobe 54LT track mounted rig. Sample cores were collected using clean, disposable acetate liners and retrieved in 5-foot intervals. Each core was logged by the field engineer and field screened using a PID. Dedicated disposable sampling trowels were used to collect samples. All samples collected were grab samples. Sampling intervals were recorded on the boring logs. VOCs samples were collected in accordance with USEPA Methods 5035 and 8260b.

Up to two sample aliquots were collected from each soil boring. One aliquot was collected from a surficial interval within that soil boring, the other typically from an

interval spanning the water table or an additional interval based on field judgment. Soil samples were collected in clean, laboratory provided jars. Samples for VOC analyses were collected in 40 ml vials preserved with methanol and distilled water. All samples were stored on ice and kept under chain of custody protocol for subsequent submittal to ConTest via courier service for analysis of one or more of the following parameters:

- Volatile Organic Compounds (VOCs) by EPA Method 5035/8260b;
- Extractable Total Petroleum Hydrocarbons (ETPH) by CTETPH Method;
- PP15 Metals by EPA Method 6020/7471 and SPLP Metals by EPA Method 1312/6020/7471;
- Lead by EPA Method 7010; and
- PAHs by EPA Method SW846 8270 and SPLP PAHs by EPA Method SW846 1312/8270;
- RCRA 8 Metals by EPA Method SW846 3050/6010;
- Copper by EPA Method SW846 3050/6010; and
- Cyanide by EPA Method SW846 9014.

Excess soil cuttings were placed back into the open boreholes. The soil borings were then backfilled with clean sand to grade, if necessary, in unpaved areas. Borings completed in paved areas (i.e., beneath the building) were sealed with concrete to existing grade, with the exception of ME-MW-01 and ME-MW-02, which were completed as groundwater monitoring wells (details discussed in Section 4.3).

4.2.2 Soil Reuse Evaluation

Six soil borings were completed on March 3, 2009 using a Geoprobe direct-push drill rig. Soil borings were completed on the southeast section of the site adjacent to (east of) Harbor Brook. The soil borings were advanced to a depth of 15 feet bgs. Two samples were collected from each soil boring. Soil sampling methodology and the rationale for sample depth collection was essentially the same as what was discussed in the previous section (Section 4.2.1) for the Supplemental Investigation. Soil boring locations are shown on Figure 3 and soil boring logs are located in Appendix B.

Fourteen soil samples were collected during the Soil Re-Use Evaluation for laboratory analysis of one or more of the following parameters:

- VOCs by EPA Method 8260b;
- Total and SPLP SVOCs by EPA Method 8270;
- Total and SPLP CTDEP 15 metals by EPA Methods 3540 (Soxhlet extraction) and 8082 and EPA Methods 6000/7000 ;
- Total and SPLP Poly-chlorinated Biphenyls (PCBs) by EPA Methods 3540 (Soxhlet extraction) and 8082; and
- ETPH by CTETPH Method.

Excess soil cuttings were placed back into the open boreholes. Since all soil borings were completed in vegetated, unpaved areas, clean sand was used to backfill borings to existing grade, if necessary.

4.3 Monitoring Well Installation and Well Development

As part of the Supplemental Investigation, two monitoring wells (ME-MW-01 and ME-MW-02) were installed on February 17 and 19, 2009, respectively. Soil borings were conducted at the same locations. Monitoring well construction details are detailed in Appendix C.

Wells were constructed of 2-inch diameter PVC with 10-foot, 0.010-inch slotted screens. The well screens were set such that they intersected the approximate water table. The remaining length of the monitoring wells was completed with 2-inch PVC riser pipe. Upon completion of installation, the monitoring wells were developed using a 2-inch whale pump until purge water was visibly clear.

Monitoring ME-MW-01, located in the northeastern corner of the property, was completed with a 4-inch, stick-up steel standpipe. Monitoring well ME-MW-02, located in the southern (approximate) third of Building A (western site parcel) was completed with an 8-inch, flush mounted road box set in a concrete apron.

4.4 Groundwater Measurement and Sampling

Groundwater sampling was conducted on March 13, 2009. Water table elevations are presented in Table 2. EPA low-flow groundwater sampling procedures were followed and a peristaltic pump was used to collect the groundwater samples. The discharge from the pump was routed through a YSI 600 water-quality meter that measured dissolved oxygen, pH, temperature, ORP, and specific conductivity. The discharge was also analyzed for turbidity using a Lamont Turbidity Meter. These parameters were recorded on the groundwater sampling logs provided in Appendix D.

The groundwater was sampled after the parameters stabilized in accordance with EPA low-flow protocol. Groundwater samples were collected in clean laboratory provided containers preserved with hydrochloric acid (VOCs), nitric acid (metals), sodium hydroxide (cyanide), or unpreserved 1-liter amber jars. Samples were stored on ice and kept under chain of custody protocol for subsequent submittal to Con-Test via courier service for one or more of the following analyses:

- VOCs by EPA Method 8260b;
- Total CTDEP 15 Metals – EPA Method 6000/7000;
- PAHs by EPA Method 8270;
- Cyanide by EPA Method 9010/335.2;
- Zinc by EPA Method 6020/7471;
- Arsenic by EPA Method 6020/7471; and
- ETPH by CTETPH.

In addition, an oil/water interface probe was used to determine if free-product (light non-aqueous phase liquid – LNAPL) was present on the groundwater surface and its thickness, if present.

5.0 Sampling Analytical Results

Laboratory analytical reports for the soil and groundwater samples are located in Appendix E. The analytical results were evaluated with respect to the RSR criteria. Soil sample analytical results for the Supplemental Investigation are summarized in Table 3A, and analytical results for the Soil Re-use evaluation are summarized in Table 3B. Groundwater sample analytical results are summarized in Table 4. Data validation qualifiers for both soil and groundwater samples are provided in Table 5. Data validation methods are discussed in Section 6.0.

5.1 Soil Analytical Results

Exceedances of RSR criteria for soil samples are shown on Figures 4 through 7. A discussion of RSR exceedances by compound and AOC is provided below. Results are discussed as they pertain to the Supplemental Investigation (Section 5.1.1) and the Soil Reuse Evaluation (Section 5.1.2).

5.1.1 Supplemental Investigation

AOC-15, SA-B, SA-C and SA-F (Former Debris Pile Areas, East of Harbor Brook)

Eight shallow soil borings were completed in this AOC. Samples were identified as ME-SS-01 through ME-SS-08, and all samples were collected from 0 to 1 feet bgs.

Copper. Nine soil samples from eight soil borings (includes one duplicate) were analyzed for copper. Copper was detected in all of the samples collected, and elevated concentrations of copper (i.e., greater than 1,000 mg/Kg) were detected in two of the samples collected; however results at all locations were below RSR criteria.

SPLP Copper. Two soil samples from two soil borings were analyzed for SPLP copper. Copper was detected in one of the samples (ME-SS-02 0-1 feet at 6,760 ug/L), but not at a concentration that exceeded the GB PMC.

PAHs. Nine soil samples from eight soil borings (includes one duplicate) were analyzed for PAHs. The detected concentrations of several PAHs exceeded the RES and/or I/C DEC in five of the samples (including the duplicate sample). Additionally, based on SPLP analyses (discussed below), the concentration of benzo(a)anthracene (24.1 mg/Kg) also exceeded the GB PMC (1 mg/Kg) at one location (ME-SS-02 0-1 feet).

SPLP PAHs. Two soil samples from two soil borings were analyzed for SPLP PAHs. Benzo(a)anthracene (0.61 µg/L) was detected slightly above the 10 X GWPC (0.6 µg/L in one soil sample collected (ME-SS-02 0-1 feet). Several other PAHs were detected in this sample at concentrations that were below the GWPC X 10. There were no PAHs detected in the other sample analyzed (ME-SS-06 0-1 feet); however, it is noted that the hold time for PAH extraction for SPLP analyses was exceeded at this location, therefore the results may be biased low. Regardless, mass results in this sample were much lower than the other sample analyzed, and exceedances of the GWPC X 10 would not be expected at this location.

Based on the SPLP results at these locations, samples where detected concentrations of PAHs exceeded the GB PMC by mass analyses would likely be negated, as compliance with the GWPC X 10 would be likely based on mass results, should SPLP analyses have been performed.

Lead. Nine soil samples from eight soil borings (includes one duplicate) were analyzed for lead. Lead was detected in all samples collected, and above the RES DEC (400 mg/kg) in four of the samples collected, including the duplicate. Reported concentrations above the DEC ranged from 435 mg/kg to 744 mg/kg. Concentrations reported below the DEC ranged from 39.2 mg/Kg to 252 mg/kg.

SPLP Lead. Two soil samples from two soil borings were analyzed for SPLP lead. Lead was detected in both of the samples analyzed at concentrations that did not exceed the GB PMC.

AOC-17 and AOC-24 (Contaminated Soil and Possible UST Areas, Northeast Portion of Property)

Six soil borings were completed in these AOCs. All soil borings were completed to a depth of five feet bgs; however, only shallow soil sampling (0 - 1 feet bgs) was performed in four of the soil borings completed (ME-SS-09 through ME-SS-12). These borings were completed to evaluate conditions around the former Building D (AOC 17). Shallow (0 to 1 feet bgs) and deeper sampling (2 to 4 feet bgs) was performed in the two soil borings associated with AOC 24 (former UST – ME-SB-06 and 07).

PAHs. Nine soil samples from six soil borings (includes one duplicate) were analyzed for PAHs. The detected concentrations of several PAHs exceeded the RES DEC in three of the samples collected. One PAH compound (benzo(a)pyrene at 2.25 mg/kg) also exceeded the I/C DEC (1 mg/kg) at one location (ME-SS-12 0-1 feet).

SPLP PAHs. No SPLP analyses was performed on PAH samples collected from this AOC; however, based on mass concentrations and similar geologic materials observed at other site AOCs, SPLP results would not be expected to exceed the GWPC X 10.

ETPH. Three soil samples from three soil borings were analyzed for ETPH. ETPH was detected in two of the samples collected at 110 mg/Kg (ME-SS-10 0-1 feet) and 72 mg/Kg (ME-SS-12 0-1 feet); however, the concentrations reported did not exceed any RSR criteria.

15 RSR Metals. Four soil samples from four soil borings were analyzed for the 15 RSR Metals. Various metals were detected in the samples collected at concentrations that did not exceed the DEC. Concentrations detected were relatively consistent with concentrations seen at other site areas; however, a slightly elevated concentration of arsenic (9.21 mg/Kg) and copper (1,050 mg/Kg) were detected in one sample collected (ME-SS-12 0-1 feet). These concentrations are still below RSR criteria.

SPLP Metals. Two soil samples from the four locations discussed above were analyzed for select SPLP metals, including antimony, chromium, copper, lead, selenium, thallium, and vanadium. Copper was the only compound detected above laboratory detection limits (120 ug/L in ME-SS-12 0-1 feet) at a concentration that was well below the GB PMC.

Lead. In addition to the metals analyses discussed above, lead was also sampled in five other soil samples (including a duplicate) from the two deeper soil borings completed. Lead was detected above the RES DEC of 400 mg/kg in all four samples (but not the duplicate) collected from this area. Concentrations reported ranged from 435 mg/kg to 572 mg/kg.

SPLP Lead. SPLP analyses was not performed on the samples collected and discussed above; however, based on similar mass concentrations reported at other site locations, leachable concentrations of lead exceeding RSR criteria would not be expected in this area, should SPLP analyses have been performed.

VOCs. Five soil samples from two soil borings (including a duplicate) were collected and analyzed for VOCs. Low concentrations (i.e., less than 1 mg/Kg) of trichloroethylene (TCE) and tetrachloroethylene (PCE) were detected in three of the samples collected (one of which was the duplicate); however concentrations reported did not exceed any RSR criteria.

AOC-33 (Soil and Groundwater Beneath Building A, West of Harbor Brook)

Five soil borings (ME-SB-01 through ME-SB-05) and one monitoring well (ME-MW-02) were completed inside of and beneath Building A on the western site parcel. Two soil samples were collected from each boring, including the monitoring well boring. Soil samples were collected from the shallow (0 to 5 feet bgs) interval, and the approximate water table. AECOM notes that between 1 to 8 inches of standing water and/or ice was present on the floor throughout the (approximate) southern third of the building during the investigation. Proposed boring locations had to be adjusted based on the presence of water and ice. All locations were within approximately 15 feet of the proposed locations.

Cyanide. Twelve soil samples from six soil borings were analyzed for total cyanide. Minor concentrations of cyanide (less than 2 mg/kg) were detected in two of the samples collected at concentrations that were well below RSR criteria.

RCRA 8 Metals. Nine soil samples from six soil borings were analyzed for RCRA 8 Metals. Lead was detected in one soil boring (ME-SB-05 5.5-6 feet bgs) slightly above the RES DEC (400 mg/kg) at 454 mg/kg. No other metals detected were above their respective RSR criteria, and concentrations reported were relatively consistent with concentrations seen at other site AOCs.

15 RSR Metals. Three soil samples from three soil borings were analyzed for the 15 RSR Metals. Arsenic was detected above the RES DEC and I/C DEC of 10 mg/kg in one sample collected from the monitoring well borings (ME-MW-02 4.5-5 feet bgs) at 14.4 mg/Kg. No other metals detected were above their respective RSR criteria, and concentrations reported were relatively consistent with concentrations seen at other site AOCs.

SPLP Metals. Four soil samples from three soil borings were analyzed for select SPLP metals. Although relatively minor concentrations of leachable metals were detected in all three samples, none of the concentrations reported exceeded their respective GB PMC.

VOCs. Twelve soil samples from six soil borings were collected and analyzed for VOCs. A trace concentration of TCE (0.002 mg/Kg) was detected a shallow sample collected from ME-SB-03 (1-2 feet bgs). This concentration did not exceed any RSR criteria. No other VOCs were detected in any other sample collected from this AOC.

PAHs. Twelve soil samples from six soil borings were analyzed for PAHs. Various concentrations of select PAHs detected in one soil sample (ME-SB-01 0.5-1.5 feet bgs) exceeded their respective RES and/or I/C DEC; however, based on SPLP results (discussed below), the concentrations reported did not exceed the GB PMC. Minor concentrations of select PAHs were detected in seven other samples collected. Concentrations reported were below their respective RSR criteria.

SPLP PAHs. One soil sample from one soil boring was analyzed for SPLP PAHs (also discussed above). Although leachable concentrations of various PAHs were detected in the sample analyzed, none of the concentrations reported exceeded the GWPC X 10. Therefore, compliance with the GB PMC was achieved in this area.

ETPH. Twelve soil samples from six soil borings were analyzed for ETPH. ETPH was detected in six of the samples from four borings, and the concentration at one location (620 mg/Kg in ME-SB-01 0.5-1.5 feet bgs) exceeded the RES DEC of 500 mg/kg. The concentration of ETPH detected at the deeper sample collected from this soil boring (13 mg/Kg from 8-9 feet bgs) did not exceed RSR criteria. Detected ETPH concentrations in other soil samples ranged from 31 mg/Kg to 170 mg/Kg.

5.1.2 Soil Re-use Evaluation Area

Six soil borings (ME-SB-08 through ME-SB-13) were completed to a depth of up to 15 feet bgs in the southern portion of the parcel located on the eastern side of Harbor Brook. Soil sampling was generally performed at two depth intervals in each soil boring, one from the shallow (0-4 feet bgs) and at the approximate water table. Soil samples were collected below the water table in three of the borings completed. Since conditions in this area of the site were previously unknown, all soil samples collected were analyzed for VOCs, ETPH, SVOCs, and the 15 RSR Metals. The sample collected from the shallow sample interval was also analyzed for PCBs. Leachable concentrations of SVOCs and select metals were also analyzed in select samples.

VOCs. Naphthalene was detected at one location (ME-SB-13 3-4 feet bgs) at a concentration below its respective RSR criteria (2.4 mg/kg). Additionally, the detection limits exceeded the GB PMC for several other VOCs in this soil sample, including acrylonitrile, chlorodibromomethane, cis-1,3-dichloropropene, and trans-1,3-Dichloropropene. No other VOCs were detected in any other soil samples collected.

SVOCs. Several PAH-related compounds were detected above the RES and/or I/C DEC in five samples collected from four soil borings. Exceedances were generally detected in the upper four feet, and at one location (ME-SB-05) slightly deeper (5-6 feet bgs).

Dibenzofuran and carbazole were the only non-PAH-related compounds detected in one sample collected (ME-SB-13 3-4 feet bgs). The concentration of dibenzofuran reported exceeded the GB PMC by mass analyses; however, this exceedance is negated since

the concentration reported when SPLP analyses was performed (discussed below) did not exceed the GWPC X 10.

ETPH. ETPH was detected in four soil samples collected from three soil borings. The concentration of ETPH detected at one location (ME-SB-10 1-2 feet bgs at 2,600) exceeded the RES DEC (500 mg/Kg), and the I/C DEC and GB PMC (both 2,500 mg/Kg), and at the RES DEC at another location (ME-SB-13 3-4 feet bgs at 1,800 mg/Kg). ETPH concentrations detected in the other three samples ranged from 150 mg/Kg to 270 mg/Kg.

METALs. None of the concentrations of metals reported exceeded any RSR criteria, either for mass or SPLP analyses. Mass concentrations were relatively consistent with concentrations reported at other site areas.

PCBs. Eight soil samples from six soil borings (includes two duplicates) were analyzed for PCBs. PCBs were not detected above the laboratory detection limits in any sample analyzed.

5.2 Groundwater Analytical Results

Exceedances of the RSRs for groundwater samples are shown on Figure 7. A summary of groundwater sampling results by AOC is provided below.

AOC-25: Site Groundwater and Off-Site Sources

Eleven site groundwater wells were sampled on March 12, 2009. Monitoring wells sampled included the two newly installed wells (ME-MW-01 and 02), five wells located in the northeastern corner of the eastern site parcel (MW-100 to 102, AOC-17-MW-01, and MW-11), one well located on the western central portion of the parcel on the eastern side of Harbor Brook (AOC3-MW-1), and one located adjacent to the western side of Building A (AOC-11-MW-01).

LNAPL. An oil/water interface probe (IP) was used to determine if free-product (LNAPL) was present on the groundwater surface. Fifteen wells were examined with the interface probe; LNAPL was not identified in any well. LNAPL has historically been found in MW-1, located in the northeastern corner of the site, on the south side of Building D. Although a sheen was noted on the probe when gauged with the IP, no measurable amount of LNAPL was identified at this location.

Zinc. Two groundwater samples from one monitoring well (includes one duplicate – both from MW-11) were collected and analyzed for zinc. Zinc was detected above the SWPC of 123 µg/L in both samples collected (at 360 µg/L in the primary sample, and 346 µg/L in the duplicate).

Arsenic. Two groundwater samples from one monitoring well (includes one duplicate – both from AOC-11-MW-01) were collected and analyzed for arsenic. Arsenic was not detected in either sample collected.

VOCs. Ten groundwater samples from nine monitoring wells (includes one duplicate) were collected and analyzed for VOCs. PTC, TCE, and vinyl chloride (VC) were detected above RSR criteria. PCE was detected above the SWPC of 88 µg/L in six

samples from five wells. Detected concentrations ranged from 101 µg/L (MW-11) to 252 µg/L (MW-101).

TCE was detected above the RES VC (27 µg/L) in one existing well (AOC-3-MW-01 at 36.4 µg/L) and one new well (ME-MW-01 at 59.4 µg/L), and above both the RES VC and the I/C VC (67 µg/L) in three additional wells located in the northeastern corner of the eastern site parcel (MW-100 through MW-102, and including the duplicate from MW-102).

VC was detected above VC criteria is select wells on the northeastern corner of the eastern site parcel. The RES VC (1.6 µg/L) was exceeded in one existing (AOC-17-MW-01 at 43.9 µg/L) and one new (ME-MW-01 at 7.4 µg/L) monitoring well. VC was reported above both the RES and I/C VC at one other location (MW-101 at 132 µg/L).

Various other VOCs were detected below RSR criteria.

AOC-33: Groundwater Beneath Building A

One monitoring well (ME-MW-02) was installed inside of (and beneath) Building A during the Supplemental Investigation completed at the site.

VOCs. One groundwater sample was collected from ME-MW-02 and analyzed for VOCs. No VOCs were detected above laboratory detection limits.

15 RSR Metals. Two groundwater samples were collected from ME-MW-02 and analyzed for the 15 RSR Metals. Zinc was reported above the SWPC (123 µg/L) in both samples collected (at 263 µg/L and 166 µg/L in the duplicate). Additionally, copper (57.8 µg/L) and lead (38.8 µg/L) were detected above their respective SWPC (48 µg/L and 13 µg/L, respectively) in the primary sample collected from this well; however, in the duplicate sample collected, copper was detected below the SWPC, and below laboratory detection limits for lead. Nickel was also reported below the SWPC in both samples collected.

ETPH. Two groundwater samples from ME-MW-02 were collected and analyzed for ETPH. ETPH was detected in both samples (130 µg/L and 126 µg/L in the duplicate); however, no standard for ETPH exists for the I/C VC, RES VC, or SWPC.

PAHs. Two groundwater samples from ME-MW-02 were collected and analyzed for PAHs. PAHs were not detected in either sample above laboratory detection limits.

Cyanide. Two groundwater samples from ME-MW-02 were collected and analyzed for total cyanide. Total cyanide was not detected in either sample.

6.0 Data QA/QC

6.1 QA/QC Samples

QA/QC samples were collected as part of the investigation to allow for the evaluation of the precision, accuracy, and usability of data collected during the field effort. Details regarding the QA/QC measures are located in the QAPP Addendums prepared for the Supplemental Investigation and Soil Reuse Evaluation completed for the site (AECOM, in January and February 2009, respectively). The QA/QC measures include performing laboratory analyses using the CT Department of Health Reasonable Confidence Protocols (RCPs). Both QAPPs were approved by EPA prior to initiation of sampling activities.

6.1.1 Field Quality Control Samples

Quality control samples that were collected in the field and submitted to the laboratory along with the environmental samples are discussed in this section. The types of QC samples that were collected included the following: trip blanks, equipment blanks, and field duplicates. Method blanks and matrix spike/matrix spike duplicates (MS/MSDs) were analyzed by the laboratory on approximately one per 20 batches for internal QA/QC purposes. A total of seven sample batches were submitted to the laboratory. Batch #23332, #23411, #23695, #23748, #24388 and #24711 consisted of soil samples, duplicate samples, trip blanks, and an equipment blank. Batch #23950 consisted of groundwater samples and a trip blank.

Trip Blanks
A trip blank was submitted with all batches received at the lab. The analysis of this blank provided a baseline measurement of any VOC contamination that the samples may have been exposed to during transport. Each trip blank, was comprised of a sample container filled with high performance liquid chromatography organic-free water, preserved, handled like a sample, and sent to the laboratory for analysis.

Equipment Blanks
An equipment blank was collected and submitted with batches #23411, #24388, and #24711. The analysis of these blanks serves to verify the cleanliness of the sampling equipment. An equipment blank is collected by rinsing decontaminated field equipment with deionized water, transferring the water to a sample container, and sending the sample for analysis. The equipment blanks were analyzed for the same parameters as the samples collected with that equipment.

Field Duplicates
Field duplicates were collected for select samples in sample batches #23332, #23695, #23748, #23950, #24388, and #24711. Each duplicate was two (2) samples collected independently from one (1) sampling location during a single episode (within a reasonable timeframe) of sampling using the sample collection procedures that were used to obtain the original sample. Duplicates provide information about sample variability.

Matrix Spike/Matrix Spike Duplicates
Matrix spike and matrix spike duplicates (MS/MSDs) are a QC requirement performed by the laboratory. No additional soil or groundwater volumes were provided to the laboratory for any of the batch samples.

Documentation and Review of Quality Control Activities
Field QC samples were packed and delivered along with their corresponding environmental samples, and were noted on the chain of custody.

6.1.2 Laboratory Quality Control Requirements

Laboratory control samples were analyzed as necessary by the laboratory. Details on these can be found in the QAPP and in the laboratory analytical reports in Appendix G.

6.2 Data Validation and Usability / Analytical Precision and Accuracy

Data validation consisted of evaluating the following items:

- Sample Holding Times
- Field, trip and laboratory blanks
- Field duplicate results
- Laboratory duplicate results
- Matrix spike/matrix spike duplicate results
- Laboratory control spike recoveries (metals only)
- Surrogate spike recoveries (organics only)

No data was rejected, but some detections, detection limits, and hold times were qualified. The following is a description of how data was qualified (flagged) for each QC parameter when control limits are not met for sample data:

- **Holding Times:** If the holding time was exceeded, all positive results were flagged as estimated (J) and all non-detects will be flagged as estimated (UJ).

- **Calibration:** If the continuing calibration criteria are exceeded, all positive results were flagged as estimated (J) and all nondetects were flagged as estimated (UJ) if the bias was low.

- **Blanks:** When blank contaminants were detected, an action level of 5 times the blank contaminant concentration was set for the analytes, providing the analytes were not common laboratory contaminants. If the sample analyte concentration was greater than the action level, the concentration was reported unqualified. If the sample analyte concentration was less than the action level, the concentration was reported and flagged to be the qualified detection limit (U).

- **Sample Duplicate:** If laboratory or field duplicate analyses resulted in a relative percent difference (RPD) greater than 30% (aqueous) or 50% (soil), all positive results were flagged as estimated (J) and all nondetects were reported unqualified. If one value was nondetect and the other as above the detection limit, all positive

results were flagged as estimated (J) and all nondetects were flagged as estimated (UJ).

- **Matrix Spike/Matrix Spike Duplicates:** If the final results of the matrix spike were greater than the acceptable recovery range, all positive results were flagged as estimated (J) and all nondetects were reported unqualified. If the final results of the matrix spike were less than the acceptable range, all positive results were flagged as estimated (J) and all nondetects were flagged as estimated (UJ).

6.3 Data Usability Evaluation

A summary of data qualifications is provided on Table 6 and qualification flags are shown on Tables 3A, 3B, 4 and 5. Although some analytical results were qualified due to issues such as matrix spike recovery being out of control limits, detections in method and field blanks and in field duplicates, none of the data qualifications render the data unusable.

7.0 Conceptual Site Model Update

The Conceptual Site Model (CSM) for this site was previously updated in 2007 based on the Phase II/III ESA completed at that time. The 2007 CSM included 33 AOCs and 23 SAs (see Appendix F for 2007 CSM). During this investigation, several of the previously identified AOCs were further evaluated. These AOCs were AOC-15B, AOC-17 and AOC24, AOC-25, AOC-31 and AOC-33. The updated information for these AOCs is provided below.

7.1.1 Supplemental Investigation

1) *AOC-15B (SA-B, SA-C, SA-F, SA-I)* – This area includes a large portion of the site, east of Harbor Brook, near the eastern property boundary. This area was investigated with eight surficial soil samples. The objective of this sampling was to refine the amount of soil in this area that may require remediation. PAHs and lead were identified above RSR criteria in this area as follows:

    - PAHs (mass) > RES DEC, I/C DEC and GB PMC from 0-1 feet bgs in various borings within this AOC;
    - Lead (mass) > RES DEC at 0-1 feet bgs in various borings within this AOC; and
    - SPLP PAHs > GWPC x 10 at 0-1 feet bgs at one location in the northeastern corner of this AOC, south of the water tower.

2) *AOC-24 and AOC-17* – These AOCs are located on the northeastern portion of the on the 104 Butler Street parcel. This area was investigated with four surficial soil samples and two deeper soil borings. Similar to AOC-15, the objective of this sampling was to refine the amount of soil in this area that may require remediation. PAH and lead exceedances were noted in the soil as follows:

    - PAHs > RES DEC, I/C DEC, and/or GB PMC at 0-1 feet and 2-3 feet bgs in the two borings associated with AOC 24, and from 0-1 feet bgs in one boring associated with AOC-17, within the western central region of the former building; compliance with the GB PMC in this area may be achieved based on comparison of mass results in other site areas where compliance was met through SPLP analyses; and
    - Lead > RES DEC at 0-1 feet and 2-4 feet bgs in the borings associated with AOC-24, to the west of the former building.

3) *AOC-33* – This AOC consists of soil and groundwater beneath Building A on the site parcel to the west of Harbor Brook. This area was not previously investigated. Six soil borings (including one monitoring well) were completed in this AOC. Access in this area was somewhat limited during the Supplemental Investigation due to a significant quantity of standing water and ice. PAHs, lead, arsenic, and ETPH were identified in exceedance of various RSR criteria as follows:

- PAHs > RES DEC and I/C DEC, and ETPH > RES DEC in the southern portion of the building from 0.5-1.5 feet bgs;
- Lead > RES DEC at 5.5-6 feet bgs in the northern portion of the building;
- Arsenic > RES DEC and I/C DEC at 4.5-5 feet bgs in the southern (approximate) third of the building; and
- Zinc, copper, and lead in groundwater exceeding the SWPC.

4) *AOC*-25 – Impacts to groundwater have been identified at various locations across the site. A VOC groundwater solvent plume is located on the eastern portion of the site parcel located to the east of Harbor Brook. This area is located in the vicinity of the eastern property boundary, and may be associated with the groundwater contamination in AOC-17 and/or AOC-24. Seven existing monitoring wells were sampled (including the newly installed ME-MW-01 near the northern property boundary) to further evaluate this AOC. Zinc and various chlorinated ethene RSR exceedances were noted in the groundwater as follows:

   - Zinc and PCE > SWPC; and
   - TCE and VC > RES VC and I/C VC.

   In addition to the results discussed above, VOC impacted groundwater was also identified on the western-central portion of the site parcel located east of Harbor Brook (vicinity of AOC-3). Impacts are summarized as follows:

   - TCE and VC > RES VC; and
   - PCE > SWPC.

   No impacts were identified in the monitoring well sampled on the upgradient side of Building A (AOC-11).

7.1.2 Soil Re-use Evaluation

AOC-31 - The Soil Re-use Evaluation area is located on the southeastern portion of the site, east of Harbor Brook. The objective of this sampling was to provide data which would determine the feasibility of re-using site soils for anticipated site redevelopment. Limited PAH and ETPH RSR exceedances were identified in this area as follows:

- PAHs > RDEC and I/C DEC between 1-3 feet and 3-5 feet bgs at various locations across this area. Although marginal exceedances of the GB PMC exist in select samples, compliance with the PMC was met by SPLP analyses at several location in this area, and would therefore be likely where SPLP analyses was not performed;
- ETPH > RES DEC, I/C DEC and GB PMC from 1-2 feet bgs in the central portion of this study area;
- ETPH > RES DEC from 3-4 feet bgs in the northern-most boring completed in this study area.

8.0 Conclusions

A Supplemental Investigation and Soil Re-Use Evaluation was completed at the two abutting parcels located on 77 Cooper Street and 104 Butler Street, referred to as the Former International Silver Company (Insilco), Factory H property. The Supplemental Investigation was completed to further investigate and refine impacts previously identified at several site AOCs and CTDEP SAs, as well as to evaluate conditions in areas not previously investigated. The Soil Re-Use Evaluation was completed on the southeastern portion of the property located on the eastern side of Harbor Brook, also in an area not previously investigated.

Both investigations were performed to obtain data that aims to provide site environmental condition information and assist the City of Meriden in its efforts to evaluate re-use alternatives located at the former industrial property. The Soil Re-Use Evaluation was performed specifically to identify whether soils in an area just east of Harbor Brook could be re-used at other site areas in accordance with the Connecticut RSRs.

<u>Supplemental Investigation - Soil</u>

The Supplemental Investigation findings included lead and PAH impacts exceeding their respective RES and/or I/C DEC were identified in shallow soils in AOC-15A/B (former debris piles located in the eastern portion of the site). Impacts identified were similar to those previously identified in these areas (M&E Phase II/III ESA, 2007). Select PAHs also exceeded the I/C DEC in this area. Additionally, one PAH exceedance of the GB PMC/GWPC X 10 was identified in one location. The estimated extents of soil exceeding RSR criteria in these AOCs have been modified to incorporate these new findings with the previous investigation results. The estimated extents of soil exceeding the RSR criteria are presented on Figure 4, 5 and 6. In general, the areas exceeding the DEC have increased slightly and the areas exceeding PMC have decreased.

Shallow lead and PAH impacts were also identified above the RES DEC and the I/C DEC (for PAHs only) in the AOC-17 and AOC-24 area (northeast portion of the property), whereas PAHs and TCE were previously identified above RSR criteria during the 2007 Phase II/III ESA. No additional significant VOC impacts were identified in the soil sampling performed in this area during the Supplemental Investigation. The estimated extents of soil exceeding RSR criteria in these AOCs have been modified to incorporate these new findings with the previous investigation results. In general, the areas of RES and I/C DEC have been expanded and the areas of PMC exceedances have decreased.

Subsurface conditions beneath Building A were also evaluated during the Supplemental Investigation. Limited soil sampling was completed which identified the presence of lead, arsenic, PAHs, and ETPH above the RES and/or I/C DEC in the unsaturated soils beneath the building. These exceedances are located beneath the southern half of the building. Access to various interior areas was limited during field investigation activities due to flooding and excessive ice and water. The estimated extents of soil exceeding RSR criteria underneath Building A have also been incorporated into Figures 4, 5 and 6. However, due to the limited access, additional testing underneath the building is recommended.

Soil Re-use Evaluation

The Soil Re-Use evaluation conducted in the southeastern portion of the site identified various PAHs and ETPH at depths of up to six feet bgs with concentrations that exceeded the RES and/or I/C DEC. ETPH was identified throughout this area at concentrations that did not exceed RSR criteria. The estimated extents of soil exceeding RSR criteria within the Soil Re-use Evaluation area have also been incorporated into Figures 4, 5 and 6. It is likely that a portion of the soil may be re-used on-site, contingent upon complying with soil re-use conditions provided in the RSRs.

Supplemental Investigation - Groundwater

The Supplemental Investigation included the collection of additional groundwater data at select newly installed and existing monitoring well locations. The purpose of the newly installed well on the upgradient property line in the northeast portion of the site (in the vicinity of AOC-17 and AOC-25) is to evaluate whether impacted groundwater may be entering the site from an off-site location. The purpose of the groundwater testing beneath Building A is to evaluate groundwater quality in this portion of the site, as no groundwater data has previously been obtained from beneath the building. Select existing wells were also sampled during this investigation to provide updated groundwater quality data and to evaluate concentration trends.

TCE was detected above the RES VC in the new monitoring well completed on the northeastern property boundary (ME-MW-01). Other VOCs detected (PCE and cis-1,2-dichlorothylene) at this location did not exceed RSR criteria. Although this monitoring well is located near the upgradient property line, it appears the groundwater impacts identified at this location are the result of historic on-site activities, as several isolated areas of impact have been previously identified in close proximity to this well location.

A comparison of chlorinated VOC concentrations from 2006 to 2009 from wells AOC-11-MW-1, MW-100, MW-101, MW-102, AOC-17-MW-1 and AOC3-MW-3 show an overall decreasing concentration trend from 2007 to 2009. Concentrations of tetrachloroethylene (PCE) has decreased (or remained relatively unchanged in AOC-17-MW-1) in each of these wells. The concentration of vinyl chloride increased in AOC-3-MW-3 between 2007 and 2009. This may be the result of the parent compound (PCE) breaking down into vinyl chloride, which indicates natural attenuation processes are occurring at the site. This will be further evaluated as part of planned future monitoring.

Zinc, copper, and lead were detected above the SWPC in groundwater collected beneath Building A (AOC 33), an area not previously investigated. ETPH was detected in the groundwater sample collected; however, no RSR criteria has been established for ETPH. No VOCs or PAHs were detected in this area. An alternative SWPC could potentially address SWPC exceedances; however, CTDEP approval of alternative SWPC would be required.

Summary

The Supplemental Investigation and Soil Re-Use Evaluation were conducted to further refine soil areas that exceed RSR criteria and to evaluate soil re-use alternatives related to conceptual site redevelopment plans. The preliminary concept plans include coordination of environmental remediation activities with the City's flood management program. Specifically, the concept plans include construction of a flood retention basin on the eastern side of the brook and increasing the ground elevation on the western side of the brook prior to commercial and/or residential development west of Harbor Brook.

The preliminary concept plans in this area include potential re-use of soils in accordance with RSRs (if feasible) from the eastern side of Harbor Brook onto portions of the site located on the western side of Harbor Brook. The results of this investigation will be incorporated into these concept plans. Depending on the specific plans developed in the future, focused testing in targeted redevelopment areas may be necessary. The soil data obtained to date is sufficient to develop remediation/redevelopment concepts.

In addition to supporting conceptual redevelopment plans, the refined areas of impacted soil that exceed RSR criteria may be used to develop interim remedial action plans to remediate the areas identified with the greatest impact. These interim remedial actions could be conducted using the two existing EPA Cleanup Grants allocated to the Factory H site.

Further evaluation of monitored natural attenuation (MNA) will be conducted in 2009. The additional evaluation will include analysis of chlorinated VOCs from select wells in the northeast portion of the site (includes select wells sampled during this Supplemental Investigation). Groundwater trends will continue to be evaluated as part of this evaluation. The MNA evaluation will also be incorporated into site redevelopment and remediation plans.

9.0 References

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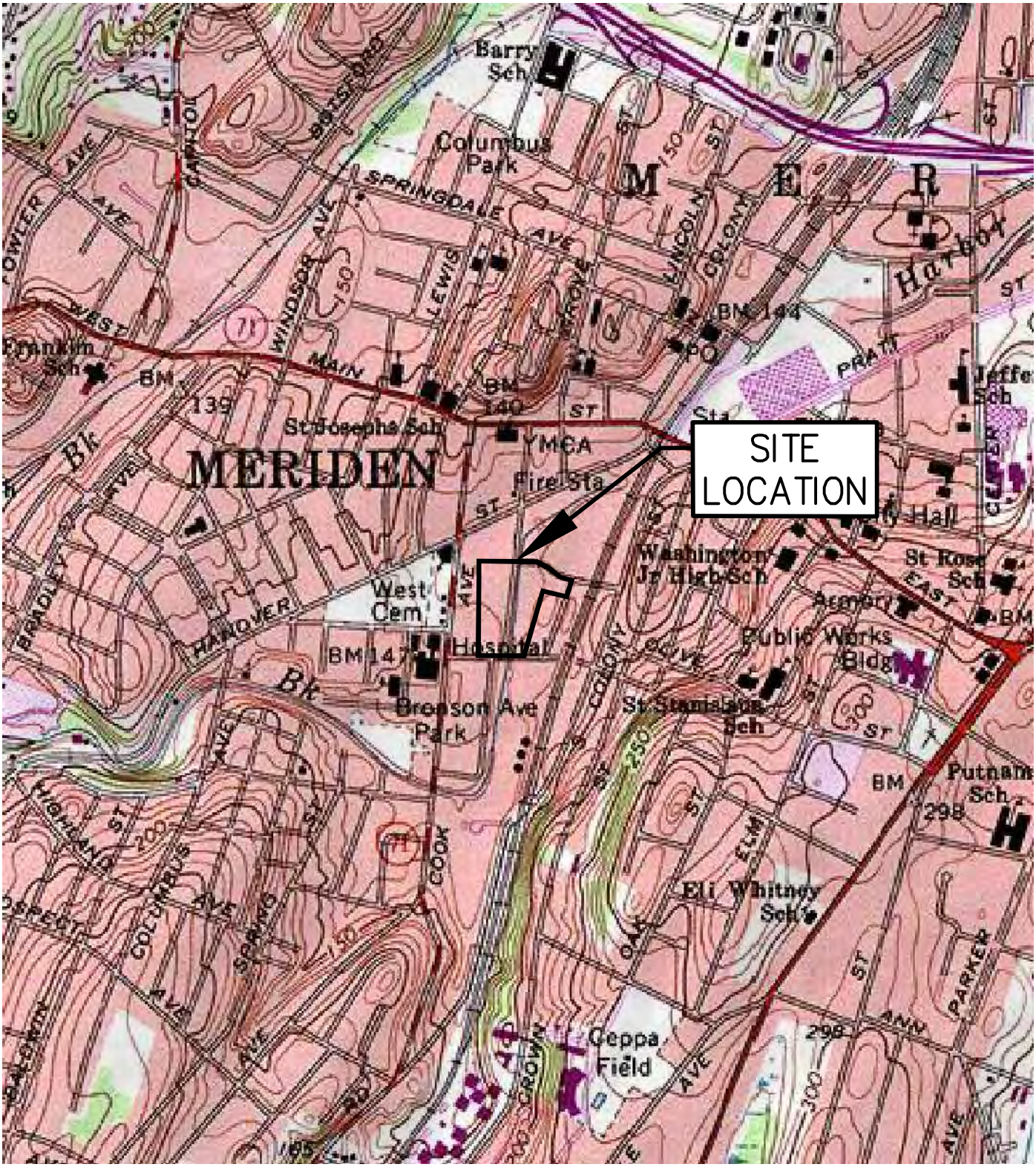
Figures



N

0 .5 1 MILE

0 1000 FEET 0 500 1000 METERS

AECOM Environment	AECOM	CITY OF MERIDEN, CONNECTICUT INTERNATIONAL SILVER COMPANY, FACTORY H SUPPLEMENTAL INVESTIGATION AND SOIL REUSE EVALUATION **SITE LOCATION MAP**
		SCALE: AS NOTED / DATE: JULY 2009 / FIGURE 1

PATH/FILENAME: P:\60096356-FAC\C\CMER001.DWG
LAST UPDATE: Friday, July 31, 2009 12:13:40 PM
PLOT DATE: Tuesday, August 04, 2009 11:57:02 AM
ANSI A – 31-Jul-09

LEGEND:

- APPROXIMATE SITE BOUNDARY
- EDGE OF BUILDING/STRUCTURE
- EDGE OF PAVEMENT
- FENCE
- MW-# — DESTROYED/NOT FOUND OVERBURDEN MONITORING WELL (PRE 2006)
- MW-# — SHALLOW OVERBURDEN MONITORING WELL (PRE 2006)
- MW-# — DEEP OVERBURDEN MONITORING WELL (PRE 2006)
- TB-# — SOIL BORING LOCATION (HRP, 1988)
- WPE-# — RETAINING WALL WIPE SAMPLE LOCATION (WESTON, 1999)
- SD-# — SEDIMENT AND SURFACE WATER SAMPLING LOCATION (WESTON, 1999)
- SW-# — SEDIMENT SAMPLE LOCATION (HRP, 1988)
- PX-GP-12 — SOIL SAMPLING LOCATION (AEI, 2006)
- AOC-#-SS-# / AOC-#-SB-# — SOIL BORING AND/OR SOIL BORING AND SURFICIAL SOIL SAMPLE (M&E, 2006)
- AOC-#-SB/MW# — SOIL BORING/MONITORING WELL (M&E, 2006)
- AOC-SA-?-SS-# — SURFICIAL SOIL SAMPLE (M&E, 2006)
- ELE. = 133.85 — STREAM GAGE ELEVATIONS
- SA-B — CTDEP REMOVAL/STABILIZATION AREAS
- AOC-# — AREA OF CONCERN

MAP REFERENCES/NOTES:

1. THE AERIAL PHOTOGRAPH WAS OBTAINED FROM THE CITY OF MERIDEN'S GIS DEPARTMENT. THE AERIAL PHOTOGRAPH WAS PRODUCED IN 2005.

2. AREAS OF CONCERN WERE GENERALLY OBTAINED FROM WESTON REPORT (WESTON, SEPT. 1999) AND CTDEP FACTORY H REMOVAL/STABILIZATION AREAS SKETCH (AEI, JAN. 2006).

3. NAFIS & YOUNG SURVEY (2006)

4. M&E (2006) LOCATIONS WERE SURVEYED UNLESS NOTED IN NOTE 5.

5. SAMPLE LOCATIONS AOC-5-RB1, AOC-5-RB2, AND AOC-SA-M-SS-01 ARE ESTIMATED.

6. DATA FOR THREE SHALLOW SOIL SAMPLES FROM GZA(2000) IS NOT INCORPORATED INTO THIS FIGURE. THOSE SAMPLES WERE REPORTEDLY COLLECTED IN THE VICINITY OF THE DUST COLLECTORS AND A FORMER TRANSFORMER PAD. THAT SOIL WAS REMOVED DURING THE CTDEP STABILIZATION ACTIONS IN 2005.

1" = 40' — 0 40 80 120 SCALE FEET

AECOM

CITY OF MERIDEN, CONNECTICUT
INTERNATIONAL SILVER COMPANY, FACTORY H

FIGURE 2 – AOCs AND CTDEP STABILIZATION AREAS

SUPPLEMENTAL INVESTIGATION AND SOIL REUSE EVALUATION

SCALE: AS NOTED | DATE: JULY 2009

LEGEND:

- APPROXIMATE SITE BOUNDARY
- EDGE OF BUILDING/STRUCTURE
- EDGE OF PAVEMENT
- FENCE
- MW-# — DESTROYED/NOT FOUND OVERBURDEN MONITORING WELL (PRE 2006)
- MW-# — SHALLOW OVERBURDEN MONITORING WELL (PRE 2006)
- MW-# — DEEP OVERBURDEN MONITORING WELL (PRE 2006)
- TB-# — SOIL BORING LOCATION (HRP, 1988)
- WIPE-# — RETAINING WALL WIPE SAMPLE LOCATION (WESTON, 1999)
- SD-# — SEDIMENT AND SURFACE WATER SAMPLING LOCATION (WESTON, 1999)
- SW-# — SEDIMENT SAMPLE LOCATION (HRP, 1988)
- PX-GP-12 — SOIL SAMPLING LOCATION (AEI, 2006)
- AOC-#-SS-# / AOC-#-SB-# — SOIL BORING AND/OR SOIL BORING AND SURFICIAL SOIL SAMPLE (M&E, 2006)
- AOC-#-SB/MW# — SOIL BORING/MONITORING WELL (M&E, 2006)
- AOC-SA-?-SS-# — SURFICIAL SOIL SAMPLE (M&E, 2006)
- ME-SB-07 — SOIL BORING (AECOM, 2009)
- ME-MW-02 — SOIL BORING/MONITORING WELL (AECOM, 2009)
- ME-MW-01 — MONITORING WELL (AECOM, 2009)
- ME-SS-12 — SURFICIAL SOIL SAMPLE (AECOM, 2009)
- SA-B — CTDEP REMOVAL/STABILIZATION AREAS
- AOC-# — AREA OF CONCERN

MAP REFERENCES/NOTES:

1. THE AERIAL PHOTOGRAPH WAS OBTAINED FROM THE CITY OF MERIDEN'S GIS DEPARTMENT. THE AERIAL PHOTOGRAPH WAS PRODUCED IN 2005.

2. AREAS OF CONCERN WERE GENERALLY OBTAINED FROM WESTON REPORT (WESTON, SEPT. 1999) AND CTDEP FACTORY H REMOVAL/STABILIZATION AREAS SKETCH (AEI, JAN. 2006).

3. 2009 LOCATIONS SURVEYED BY NAFIS & YOUNG ENGINEERS, APRIL 2009 (WITH THE EXCEPTION OF ME-SB-02)

4. M&E (2006) LOCATIONS WERE SURVEYED UNLESS NOTED IN NOTE 5.

5. SAMPLE LOCATIONS AOC-5-RB1, AOC-5-RB2, AOC-SA-M-SS-01, AND ME-SB-02 ARE ESTIMATED.

6. DATA FOR THREE SHALLOW SOIL SAMPLES FROM GZA(2000) IS NOT INCORPORATED INTO THIS FIGURE. THOSE SAMPLES WERE REPORTEDLY COLLECTED IN THE VICINITY OF THE DUST COLLECTORS AND A FORMER TRANSFORMER PAD. THAT SOIL WAS REMOVED DURING THE CTDEP STABILIZATION ACTIONS IN 2005.

1" = 40' — 0 40 80 120 SCALE FEET

AECOM

CITY OF MERIDEN, CONNECTICUT
INTERNATIONAL SILVER COMPANY, FACTORY H

FIGURE 3
INVESTIGATION LOCATIONS

SUPPLEMENTAL INVESTIGATION AND SOIL REUSE EVALUATION

SCALE: AS NOTED | DATE: JULY 2009

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LAST UPDATE: Monday, August 03, 2009 7:25:28 PM
PLOT DATE: Tuesday, August 04, 2009 12:02:54 PM

PATH/FILENAME: P:\60096356-FAC\C\CZMER003.DWG PLOT DATE: Tuesday, August 04, 2009 12:02:54 PM LAST UPDATE: Monday, August 03, 2009 7:25:28 PM

EXCEEDANCE LEGEND:

- EXCEEDANCE OF RESIDENTIAL DIRECT EXPOSURE CRITERIA (R DEC)
- EXCEEDANCE OF INDUSTRIAL/COMMERCIAL DIRECT EXPOSURE CRITERIA (I/C DEC)
- EXCEEDANCE OF GB POLLUTANT MOBILITY CRITERIA (GB PMC)
- ESTIMATED LIMIT OF SOIL EXCEEDING I/C DEC
- ESTIMATED LIMIT OF SOIL EXCEEDING R DEC
- ESTIMATED LIMIT OF SOIL EXCEEDING GB PMC

LEGEND:

- APPROXIMATE SITE BOUNDARY
- EDGE OF BUILDING/STRUCTURE
- EDGE OF PAVEMENT
- FENCE
- MW-# — DESTROYED/NOT FOUND OVERBURDEN MONITORING WELL (PRE 2006)
- MW-# — SHALLOW OVERBURDEN MONITORING WELL (PRE 2006)
- MW-# — DEEP OVERBURDEN MONITORING WELL (PRE 2006)
- TB-# — SOIL BORING LOCATION (HRP, 1988)
- WPE-# — RETAINING WALL WIPE SAMPLE LOCATION (WESTON, 1999)
- SD-# — SEDIMENT AND SURFACE WATER SAMPLING LOCATION (WESTON, 1999)
- SW-# — SEDIMENT SAMPLE LOCATION (HRP, 1988)
- PX-GP-12 — SOIL SAMPLING LOCATION (AEI, 2006)
- AOC-#-SS-# / AOC-#-SB-# — SOIL BORING AND/OR SOIL BORING AND SURFICIAL SOIL SAMPLE (M&E, 2006)
- AOC-#-SB/MW# — SOIL BORING/MONITORING WELL (M&E, 2006)
- AOC-SA-?-SS-# — SURFICIAL SOIL SAMPLE (M&E, 2006)
- ME-SB-07 — SOIL BORING (AECOM, 2009)
- ME-MW-02 — SOIL BORING/MONITORING WELL (AECOM, 2009)
- ME-MW-01 — MONITORING WELL (AECOM, 2009)
- ME-SS-12 — SURFICIAL SOIL SAMPLE (AECOM, 2009)
- SA-B — CTDEP REMOVAL/STABILIZATION AREAS
- AOC-# — AREA OF CONCERN

MAP REFERENCES/NOTES:

1. AREAS OF CONCERN WERE GENERALLY OBTAINED FROM WESTON REPORT (WESTON, SEPT. 1999) AND CTDEP FACTORY H REMOVAL/STABILIZATION AREAS SKETCH (AEI, JAN. 2006).

2. 2009 BORING LOCATIONS SURVEYED BY NAFIS & YOUNG ENGINEERS, APRIL 2009 (WITH THE EXCEPTION OF ME-SB-02)

3. M&E (2006) AND AECOM (2009) LOCATIONS WERE SURVEYED UNLESS NOTED IN NOTE

4. SAMPLE LOCATIONS AOC-5-RB1, AOC-5-RB2, AOC-SA-M-SS-01, ANE ME-SB-02 ARE ESTIMATED.

5. DATA FOR THREE SHALLOW SOIL SAMPLES FROM GZA(2000) IS NOT INCORPORATED INTO THIS FIGURE. THOSE SAMPLES WERE REPORTEDLY COLLECTED IN THE VICINITY OF THE DUST COLLECTORS AND A FORMER TRANSFORMER PAD. THAT SOIL WAS REMOVED DURING THE CTDEP STABILIZATION ACTIONS IN 2005.

6. ESTIMATED LIMITS OF EXCEEDANCES INCORPORATE FINDINGS FROM M&E's PHASE II/III ENVIRONMENTAL SITE ASSESSMENT (2007).

1" = 40' — 0 40 80 120 SCALE FEET

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CITY OF MERIDEN, CONNECTICUT
INTERNATIONAL SILVER COMPANY, FACTORY H

FIGURE 4 – SOIL SAMPLES (0'–2' BGS) EXCEEDING RSR CRITERIA

SUPPLEMENTAL INVESTIGATION AND SOIL REUSE EVALUATION

SCALE: AS NOTED | DATE: JULY 2009

EXCEEDANCE LEGEND:

- EXCEEDANCE OF RESIDENTIAL DIRECT EXPOSURE CRITERIA (R DEC)
- EXCEEDANCE OF INDUSTRIAL/COMMERCIAL DIRECT EXPOSURE CRITERIA (I/C DEC)
- EXCEEDANCE OF GB POLLUTANT MOBILITY CRITERIA (GB PMC)
- ESTIMATED LIMIT OF SOIL EXCEEDING I/C DEC
- ESTIMATED LIMIT OF SOIL EXCEEDING R DEC
- ESTIMATED LIMIT OF SOIL EXCEEDING GB PMC

LEGEND:

- APPROXIMATE SITE BOUNDARY
- EDGE OF BUILDING/STRUCTURE
- EDGE OF PAVEMENT
- FENCE
- MW-# DESTROYED/NOT FOUND OVERBURDEN MONITORING WELL (PRE 2006)
- MW-# SHALLOW OVERBURDEN MONITORING WELL (PRE 2006)
- MW-# DEEP OVERBURDEN MONITORING WELL (PRE 2006)
- TB-# SOIL BORING LOCATION (HRP, 1988)
- WPE-# RETAINING WALL WIPE SAMPLE LOCATION (WESTON, 1999)
- SD-# SEDIMENT AND SURFACE WATER SAMPLING LOCATION (WESTON, 1999)
- SW-# SEDIMENT SAMPLE LOCATION (HRP, 1988)
- PX-GP-12 SOIL SAMPLING LOCATION (AEI, 2006)
- AOC-#-SS-# / AOC-#-SB-# SOIL BORING AND/OR SOIL BORING AND SURFICIAL SOIL SAMPLE (M&E, 2006)
- AOC-#-SB/MW# SOIL BORING/MONITORING WELL (M&E, 2006)
- AOC-SA-?-SS-# SURFICIAL SOIL SAMPLE (M&E, 2006)
- ME-SB-07 SOIL BORING (AECOM, 2009)
- ME-MW-02 SOIL BORING/MONITORING WELL (AECOM, 2009)
- ME-MW-01 MONITORING WELL (AECOM, 2009)
- ME-SS-12 SURFICIAL SOIL SAMPLE (AECOM, 2009)
- SA-B CTDEP REMOVAL/STABILIZATION AREAS
- AOC-# AREA OF CONCERN

MAP REFERENCES/NOTES:

1. AREAS OF CONCERN WERE GENERALLY OBTAINED FROM WESTON REPORT (WESTON, SEPT. 1999) AND CTDEP FACTORY H REMOVAL/STABILIZATION AREAS SKETCH (AEI, JAN. 2006).

2. 2009 BORING LOCATIONS SURVEYED BY NAFIS & YOUNG ENGINEERS, APRIL 2009 (WITH THE EXCEPTION OF ME-SB-02)

3. M&E (2006) AND AECOM (2009) LOCATIONS WERE SURVEYED UNLESS NOTED IN NOTE

4. SAMPLE LOCATIONS AOC-5-RB1, AOC-5-RB2, AOC-SA-M-SS-01, ANE ME-SB-02 ARE ESTIMATED.

5. DATA FOR THREE SHALLOW SOIL SAMPLES FROM GZA(2000) IS NOT INCORPORATED INTO THIS FIGURE. THOSE SAMPLES WERE REPORTEDLY COLLECTED IN THE VICINITY OF THE DUST COLLECTORS AND A FORMER TRANSFORMER PAD. THAT SOIL WAS REMOVED DURING THE CTDEP STABILIZATION ACTIONS IN 2005.

6. ESTIMATED LIMITS OF EXCEEDANCES INCORPORATE FINDINGS FROM M&E's PHASE II/III ENVIRONMENTAL SITE ASSESSMENT (2007).

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INTERNATIONAL SILVER COMPANY, FACTORY H

FIGURE 5 – SOIL SAMPLES (2'–4' BGS) EXCEEDING RSR CRITERIA

SUPPLEMENTAL INVESTIGATION AND SOIL REUSE EVALUATION

SCALE: AS NOTED | DATE: JULY 2009

LEGEND:

	APPROXIMATE SITE BOUNDARY
	EDGE OF BUILDING/STRUCTURE
	EDGE OF PAVEMENT
	FENCE
MW-#	DESTROYED/NOT FOUND OVERBURDEN MONITORING WELL (PRE 2006)
MW-#	SHALLOW OVERBURDEN MONITORING WELL (PRE 2006)
MW-#	DEEP OVERBURDEN MONITORING WELL (PRE 2006)
TB-#	SOIL BORING LOCATION (HRP, 1988)
WPE-#	RETAINING WALL WIPE SAMPLE LOCATION (WESTON, 1999)
SD-#	SEDIMENT AND SURFACE WATER SAMPLING LOCATION (WESTON, 1999)
SW-#	SEDIMENT SAMPLE LOCATION (HRP, 1988)
PX-GP-12	SOIL SAMPLING LOCATION (AEI, 2006)
AOC-#-SS-# AOC-#-SB-#	SOIL BORING AND/OR SOIL BORING AND SURFICIAL SOIL SAMPLE (M&E, 2006)
AOC-#-SB/MW#	SOIL BORING/MONITORING WELL (M&E, 2006)
AOC-SA-?-SS-#	SURFICIAL SOIL SAMPLE (M&E, 2006)
ELE. = 133.85	STREAM GAGE ELEVATIONS
SA-B	CTDEP REMOVAL/STABILIZATION AREAS
AOC-#	AREA OF CONCERN

MAP REFERENCES/NOTES:

1. THE AERIAL PHOTOGRAPH WAS OBTAINED FROM THE CITY OF MERIDEN'S GIS DEPARTMENT. THE AERIAL PHOTOGRAPH WAS PRODUCED IN 2005.

2. AREAS OF CONCERN WERE GENERALLY OBTAINED FROM WESTON REPORT (WESTON, SEPT. 1999) AND CTDEP FACTORY H REMOVAL/STABILIZATION AREAS SKETCH (AEI, JAN. 2006).

3. NAFIS & YOUNG SURVEY (2006)

4. M&E (2006) LOCATIONS WERE SURVEYED UNLESS NOTED IN NOTE 5.

5. SAMPLE LOCATIONS AOC-5-RB1, AOC-5-RB2, AND AOC-SA-M-SS-01 ARE ESTIMATED.

6. DATA FOR THREE SHALLOW SOIL SAMPLES FROM GZA(2000) IS NOT INCORPORATED INTO THIS FIGURE. THOSE SAMPLES WERE REPORTEDLY COLLECTED IN THE VICINITY OF THE DUST COLLECTORS AND A FORMER TRANSFORMER PAD. THAT SOIL WAS REMOVED DURING THE CTDEP STABILIZATION ACTIONS IN 2005.

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CITY OF MERIDEN, CONNECTICUT
INTERNATIONAL SILVER COMPANY, FACTORY H

FIGURE 2 – AOCs AND CTDEP STABILIZATION AREAS

SUPPLEMENTAL INVESTIGATION AND SOIL REUSE EVALUATION

SCALE: AS NOTED | DATE: JULY 2009

LEGEND:

- APPROXIMATE SITE BOUNDARY
- EDGE OF BUILDING/STRUCTURE
- EDGE OF PAVEMENT
- FENCE
- MW-# — DESTROYED/NOT FOUND OVERBURDEN MONITORING WELL (PRE 2006)
- MW-# — SHALLOW OVERBURDEN MONITORING WELL (PRE 2006)
- MW-# — DEEP OVERBURDEN MONITORING WELL (PRE 2006)
- TB-# — SOIL BORING LOCATION (HRP, 1988)
- WIPE-# — RETAINING WALL WIPE SAMPLE LOCATION (WESTON, 1999)
- SD-# — SEDIMENT AND SURFACE WATER SAMPLING LOCATION (WESTON, 1999)
- SW-# — SEDIMENT SAMPLE LOCATION (HRP, 1988)
- PX-GP-12 — SOIL SAMPLING LOCATION (AEI, 2006)
- AOC-#-SS-# / AOC-#-SB-# — SOIL BORING AND/OR SOIL BORING AND SURFICIAL SOIL SAMPLE (M&E, 2006)
- AOC-#-SB/MW# — SOIL BORING/MONITORING WELL (M&E, 2006)
- AOC-SA-?-SS-# — SURFICIAL SOIL SAMPLE (M&E, 2006)
- ME-SB-07 — SOIL BORING (AECOM, 2009)
- ME-MW-02 — SOIL BORING/MONITORING WELL (AECOM, 2009)
- ME-MW-01 — MONITORING WELL (AECOM, 2009)
- ME-SS-12 — SURFICIAL SOIL SAMPLE (AECOM, 2009)
- SA-B — CTDEP REMOVAL/STABILIZATION AREAS
- AOC-# — AREA OF CONCERN

MAP REFERENCES/NOTES:

1. THE AERIAL PHOTOGRAPH WAS OBTAINED FROM THE CITY OF MERIDEN'S GIS DEPARTMENT. THE AERIAL PHOTOGRAPH WAS PRODUCED IN 2005.

2. AREAS OF CONCERN WERE GENERALLY OBTAINED FROM WESTON REPORT (WESTON, SEPT. 1999) AND CTDEP FACTORY H REMOVAL/STABILIZATION AREAS SKETCH (AEI, JAN. 2006).

3. 2009 LOCATIONS SURVEYED BY NAFIS & YOUNG ENGINEERS, APRIL 2009 (WITH THE EXCEPTION OF ME-SB-02)

4. M&E (2006) LOCATIONS WERE SURVEYED UNLESS NOTED IN NOTE 5.

5. SAMPLE LOCATIONS AOC-5-RB1, AOC-5-RB2, AOC-SA-M-SS-01, AND ME-SB-02 ARE ESTIMATED.

6. DATA FOR THREE SHALLOW SOIL SAMPLES FROM GZA(2000) IS NOT INCORPORATED INTO THIS FIGURE. THOSE SAMPLES WERE REPORTEDLY COLLECTED IN THE VICINITY OF THE DUST COLLECTORS AND A FORMER TRANSFORMER PAD. THAT SOIL WAS REMOVED DURING THE CTDEP STABILIZATION ACTIONS IN 2005.

1" = 40' — 0 40 80 120 SCALE FEET

AECOM

CITY OF MERIDEN, CONNECTICUT
INTERNATIONAL SILVER COMPANY, FACTORY H

FIGURE 3
INVESTIGATION LOCATIONS

SUPPLEMENTAL INVESTIGATION AND SOIL REUSE EVALUATION

SCALE: AS NOTED | DATE: JULY 2009

PATH/FILENAME: P:\60096356-FAC\C\CZMER003.DWG
LAST UPDATE: Monday, August 03, 2009 7:25:28 PM
PLOT DATE: Tuesday, August 04, 2009 12:02:54 PM

PATH/FILENAME: P:\60096356-FAC\C\CZMER003.DWG PLOT DATE: Tuesday, August 04, 2009 12:02:54 PM LAST UPDATE: Monday, August 03, 2009 7:25:28 PM

EXCEEDANCE LEGEND:

- EXCEEDANCE OF RESIDENTIAL DIRECT EXPOSURE CRITERIA (R DEC)
- EXCEEDANCE OF INDUSTRIAL/COMMERCIAL DIRECT EXPOSURE CRITERIA (I/C DEC)
- EXCEEDANCE OF GB POLLUTANT MOBILITY CRITERIA (GB PMC)
- ESTIMATED LIMIT OF SOIL EXCEEDING I/C DEC
- ESTIMATED LIMIT OF SOIL EXCEEDING R DEC
- ESTIMATED LIMIT OF SOIL EXCEEDING GB PMC

LEGEND:

- APPROXIMATE SITE BOUNDARY
- EDGE OF BUILDING/STRUCTURE
- EDGE OF PAVEMENT
- FENCE
- MW-# — DESTROYED/NOT FOUND OVERBURDEN MONITORING WELL (PRE 2006)
- MW-# — SHALLOW OVERBURDEN MONITORING WELL (PRE 2006)
- MW-# — DEEP OVERBURDEN MONITORING WELL (PRE 2006)
- TB-# — SOIL BORING LOCATION (HRP, 1988)
- WPE-# — RETAINING WALL WIPE SAMPLE LOCATION (WESTON, 1999)
- SD-# — SEDIMENT AND SURFACE WATER SAMPLING LOCATION (WESTON, 1999)
- SW-# — SEDIMENT SAMPLE LOCATION (HRP, 1988)
- PX-GP-12 — SOIL SAMPLING LOCATION (AEI, 2006)
- AOC-#-SS-# / AOC-#-SB-# — SOIL BORING AND/OR SOIL BORING AND SURFICIAL SOIL SAMPLE (M&E, 2006)
- AOC-#-SB/MW# — SOIL BORING/MONITORING WELL (M&E, 2006)
- AOC-SA-?-SS-# — SURFICIAL SOIL SAMPLE (M&E, 2006)
- ME-SB-07 — SOIL BORING (AECOM, 2009)
- ME-MW-02 — SOIL BORING/MONITORING WELL (AECOM, 2009)
- ME-MW-01 — MONITORING WELL (AECOM, 2009)
- ME-SS-12 — SURFICIAL SOIL SAMPLE (AECOM, 2009)
- SA-B — CTDEP REMOVAL/STABILIZATION AREAS
- AOC-# — AREA OF CONCERN

MAP REFERENCES/NOTES:

1. AREAS OF CONCERN WERE GENERALLY OBTAINED FROM WESTON REPORT (WESTON, SEPT. 1999) AND CTDEP FACTORY H REMOVAL/STABILIZATION AREAS SKETCH (AEI, JAN. 2006).

2. 2009 BORING LOCATIONS SURVEYED BY NAFIS & YOUNG ENGINEERS, APRIL 2009 (WITH THE EXCEPTION OF ME-SB-02)

3. M&E (2006) AND AECOM (2009) LOCATIONS WERE SURVEYED UNLESS NOTED IN NOTE

4. SAMPLE LOCATIONS AOC-5-RB1, AOC-5-RB2, AOC-SA-M-SS-01, ANE ME-SB-02 ARE ESTIMATED.

5. DATA FOR THREE SHALLOW SOIL SAMPLES FROM GZA(2000) IS NOT INCORPORATED INTO THIS FIGURE. THOSE SAMPLES WERE REPORTEDLY COLLECTED IN THE VICINITY OF THE DUST COLLECTORS AND A FORMER TRANSFORMER PAD. THAT SOIL WAS REMOVED DURING THE CTDEP STABILIZATION ACTIONS IN 2005.

6. ESTIMATED LIMITS OF EXCEEDANCES INCORPORATE FINDINGS FROM M&E's PHASE II/III ENVIRONMENTAL SITE ASSESSMENT (2007).

1" = 40' — 0 40 80 120 SCALE FEET

AECOM

CITY OF MERIDEN, CONNECTICUT
INTERNATIONAL SILVER COMPANY, FACTORY H

FIGURE 4 – SOIL SAMPLES (0'–2' BGS) EXCEEDING RSR CRITERIA

SUPPLEMENTAL INVESTIGATION AND SOIL REUSE EVALUATION

SCALE: AS NOTED | DATE: JULY 2009

EXCEEDANCE LEGEND:

- EXCEEDANCE OF RESIDENTIAL DIRECT EXPOSURE CRITERIA (R DEC)
- EXCEEDANCE OF INDUSTRIAL/COMMERCIAL DIRECT EXPOSURE CRITERIA (I/C DEC)
- EXCEEDANCE OF GB POLLUTANT MOBILITY CRITERIA (GB PMC)
- ESTIMATED LIMIT OF SOIL EXCEEDING I/C DEC
- ESTIMATED LIMIT OF SOIL EXCEEDING R DEC
- ESTIMATED LIMIT OF SOIL EXCEEDING GB PMC

LEGEND:

- APPROXIMATE SITE BOUNDARY
- EDGE OF BUILDING/STRUCTURE
- EDGE OF PAVEMENT
- FENCE
- MW-# DESTROYED/NOT FOUND OVERBURDEN MONITORING WELL (PRE 2006)
- MW-# SHALLOW OVERBURDEN MONITORING WELL (PRE 2006)
- MW-# DEEP OVERBURDEN MONITORING WELL (PRE 2006)
- TB-# SOIL BORING LOCATION (HRP, 1988)
- WPE-# RETAINING WALL WIPE SAMPLE LOCATION (WESTON, 1999)
- SD-# SEDIMENT AND SURFACE WATER SAMPLING LOCATION (WESTON, 1999)
- SW-# SEDIMENT SAMPLE LOCATION (HRP, 1988)
- PX-GP-12 SOIL SAMPLING LOCATION (AEI, 2006)
- AOC-#-SS-# / AOC-#-SB-# SOIL BORING AND/OR SOIL BORING AND SURFICIAL SOIL SAMPLE (M&E, 2006)
- AOC-#-SB/MW# SOIL BORING/MONITORING WELL (M&E, 2006)
- AOC-SA-?-SS-# SURFICIAL SOIL SAMPLE (M&E, 2006)
- ME-SB-07 SOIL BORING (AECOM, 2009)
- ME-MW-02 SOIL BORING/MONITORING WELL (AECOM, 2009)
- ME-MW-01 MONITORING WELL (AECOM, 2009)
- ME-SS-12 SURFICIAL SOIL SAMPLE (AECOM, 2009)
- SA-B CTDEP REMOVAL/STABILIZATION AREAS
- AOC-# AREA OF CONCERN

MAP REFERENCES/NOTES:

1. AREAS OF CONCERN WERE GENERALLY OBTAINED FROM WESTON REPORT (WESTON, SEPT. 1999) AND CTDEP FACTORY H REMOVAL/STABILIZATION AREAS SKETCH (AEI, JAN. 2006).

2. 2009 BORING LOCATIONS SURVEYED BY NAFIS & YOUNG ENGINEERS, APRIL 2009 (WITH THE EXCEPTION OF ME-SB-02)

3. M&E (2006) AND AECOM (2009) LOCATIONS WERE SURVEYED UNLESS NOTED IN NOTE

4. SAMPLE LOCATIONS AOC-5-RB1, AOC-5-RB2, AOC-SA-M-SS-01, ANE ME-SB-02 ARE ESTIMATED.

5. DATA FOR THREE SHALLOW SOIL SAMPLES FROM GZA(2000) IS NOT INCORPORATED INTO THIS FIGURE. THOSE SAMPLES WERE REPORTEDLY COLLECTED IN THE VICINITY OF THE DUST COLLECTORS AND A FORMER TRANSFORMER PAD. THAT SOIL WAS REMOVED DURING THE CTDEP STABILIZATION ACTIONS IN 2005.

6. ESTIMATED LIMITS OF EXCEEDANCES INCORPORATE FINDINGS FROM M&E's PHASE II/III ENVIRONMENTAL SITE ASSESSMENT (2007).

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CITY OF MERIDEN, CONNECTICUT
INTERNATIONAL SILVER COMPANY, FACTORY H

FIGURE 5 – SOIL SAMPLES (2'–4' BGS) EXCEEDING RSR CRITERIA

SUPPLEMENTAL INVESTIGATION AND SOIL REUSE EVALUATION

SCALE: AS NOTED | DATE: JULY 2009

EXCEEDANCE LEGEND:

- EXCEEDANCE OF RESIDENTIAL DIRECT EXPOSURE CRITERIA (R DEC)
- EXCEEDANCE OF INDUSTRIAL/COMMERCIAL DIRECT EXPOSURE CRITERIA (I/C DEC)
- EXCEEDANCE OF GB POLLUTANT MOBILITY CRITERIA (GB PMC)
- ESTIMATED LIMIT OF SOIL EXCEEDING I/C DEC
- ESTIMATED LIMIT OF SOIL EXCEEDING R DEC
- ESTIMATED LIMIT OF SOIL EXCEEDING GB PMC

LEGEND:

- APPROXIMATE SITE BOUNDARY
- EDGE OF BUILDING/STRUCTURE
- EDGE OF PAVEMENT
- FENCE
- MW-# DESTROYED/NOT FOUND OVERBURDEN MONITORING WELL (PRE 2006)
- MW-# SHALLOW OVERBURDEN MONITORING WELL (PRE 2006)
- MW-# DEEP OVERBURDEN MONITORING WELL (PRE 2006)
- TB-# SOIL BORING LOCATION (HRP, 1988)
- WPE-# RETAINING WALL WIPE SAMPLE LOCATION (WESTON, 1999)
- SD-# SEDIMENT AND SURFACE WATER SAMPLING LOCATION (WESTON, 1999)
- SW-# SEDIMENT SAMPLE LOCATION (HRP, 1988)
- PX-GP-12 SOIL SAMPLING LOCATION (AEI, 2006)
- AOC-#-SS-# / AOC-#-SB-# SOIL BORING AND/OR SOIL BORING AND SURFICIAL SOIL SAMPLE (M&E, 2006)
- AOC-#-SB/MW# SOIL BORING/MONITORING WELL (M&E, 2006)
- AOC-SA-?-SS-# SURFICIAL SOIL SAMPLE (M&E, 2006)
- SA-B CTDEP REMOVAL/STABILIZATION AREAS
- AOC-# AREA OF CONCERN

MAP REFERENCES/NOTES:

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2. 2009 BORING LOCATIONS SURVEYED BY NAFIS & YOUNG ENGINEERS, APRIL 2009 (WITH THE EXCEPTION OF ME-SB-02)

3. M&E (2006) AND AECOM (2009) LOCATIONS WERE SURVEYED UNLESS NOTED IN NOTE

4. SAMPLE LOCATIONS AOC-5-RB1, AOC-5-RB2, AOC-SA-M-SS-01, ANE ME-SB-02 ARE ESTIMATED.

5. DATA FOR THREE SHALLOW SOIL SAMPLES FROM GZA(2000) IS NOT INCORPORATED INTO THIS FIGURE. THOSE SAMPLES WERE REPORTEDLY COLLECTED IN THE VICINITY OF THE DUST COLLECTORS AND A FORMER TRANSFORMER PAD. THAT SOIL WAS REMOVED DURING THE CTDEP STABILIZATION ACTIONS IN 2005.

6. ESTIMATED LIMITS OF EXCEEDANCES INCORPORATE FINDINGS FROM M&E's PHASE II/III ENVIRONMENTAL SITE ASSESSMENT (2007).

1" = 40' SCALE — 0 40 80 120 FEET

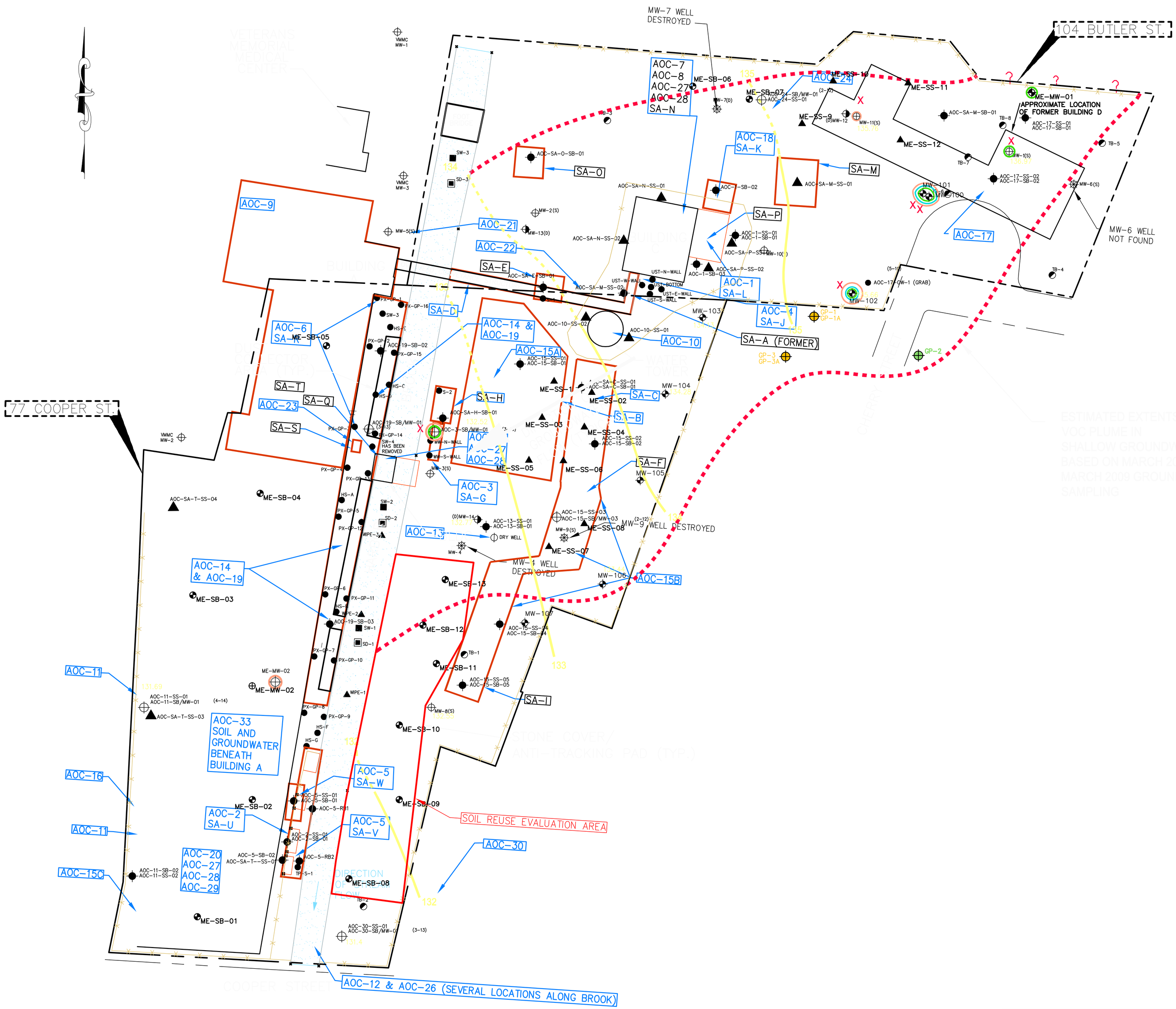
AECOM

CITY OF MERIDEN, CONNECTICUT
INTERNATIONAL SILVER COMPANY, FACTORY H

FIGURE 6 – SOIL SAMPLES (>4' BGS) EXCEEDING RSR CRITERIA

SUPPLEMENTAL INVESTIGATION AND SOIL REUSE EVALUATION

SCALE: AS NOTED | DATE: JULY 2009



CT RSR EXCEEDANCE TABLE

WELL ID	R VC	I/C VC	SWPC
MW-1 (AOC-17)	VINYL CHLORIDE	--	--
MW-11 (AOC-17)	--	--	TETRACHLOROETHYLENE, ZINC
AOC-3-MW-1	VINYL CHLORIDE, TRICHLOROETHYLENE	--	TETRACHLOROETHYLENE
MW-100 (AOC-25)	TRICHLOROETHYLENE	TRICHLOROETHYLENE	TETRACHLOROETHYLENE
MW-101 (AOC-25)	TRICHLOROETHYLENE, VINYL CHLORIDE	TRICHLOROETHYLENE, VINYL CHLORIDE	TETRACHLOROETHYLENE
MW-102 (AOC-25)	TRICHLOROETHYLENE	TRICHLOROETHYLENE	TETRACHLOROETHYLENE
ME-MW-01	TRICHLOROETHYLENE	--	--
ME-MW-02	--	--	COPPER, LEAD. ZINC

EXCEEDANCE LEGEND:

- EXCEEDS PROPOSED MARCH, 2003 RESIDENTIAL VOLATIZATION CRITERIA (R VC)
- EXCEEDS PROPOSED MARCH, 2003 INDUSTRIAL/COMMERCIAL VOLATIZATION CRITERIA (I/C VC)
- EXCEEDS SURFACE WATER PROTECTION CRITERIA (SWPC)
- X CHLORINATED VOCs DETECTED

LEGEND:

- SITE BOUNDARY
- FENCE
- MW-# DESTROYED/NOT FOUND OVERBURDEN MONITORING WELL (PRE 2006)
- MW-# SHALLOW OVERBURDEN MONITORING WELL (PRE 2006)
- MW-# DEEP OVERBURDEN MONITORING WELL (PRE 2006)
- TB-# SOIL BORING LOCATION (HRP, 1988)
- WPE-# RETAINING WALL WIPE SAMPLE LOCATION (WESTON, 1999)
- SD-# SEDIMENT AND SURFACE WATER SAMPLING LOCATION (WESTON, 1999)
- SW-# SEDIMENT SAMPLE LOCATION (HRP, 2006)
- PX-GP-12 SOIL SAMPLING LOCAITON (AEI, 2006)
- AOC-#-SS-# / AOC-#-SB-# SOIL BORING AND/OR SOIL BORING AND SURFICIAL SOIL SAMPLE (M&E, 2006)
- AOC-#-SB/MW# SOIL BORING/MONITORING WELL (M&E, 2006)
- AOC-SA-?-SS-# SURFICIAL SOIL SAMPLE (M&E, 2006)
- ME-SB-07 SOIL BORING (AECOM, 2009)
- ME-MW-02 SOIL BORING/MONITORING WELL (AECOM, 2009)
- ME-MW-01 MONITORING WELL (AECOM, 2009)
- ME-SS-12 SURFICIAL SOIL SAMPLE (AECOM, 2009)
- 134 ESTIMATED GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- 133.85 GROUNDWATER SPOT ELEVATION
- (4-14) SCREENED INTERVAL OF GROUNDWATER MONITORING WELL (DEPTH BELOW GROUND SURFACE IN FEET)
- (S) (D) DEFINED AS "SHALLOW" OR "DEEP" SCREENED WELL (WESTON, 1999)
- GP-1 / GP-1A CTDEP GROUNDWATER MONITORING WELL AND SOIL GAS SAMPLING LOCATION MARCH 2007
- GP-2 CTDEP GROUNDWATER MONITORING WELL LOCATION MARCH 2007
- SA-B CTDEP REMOVAL/STABILIZATION AREAS
- AOC-# AREA OF CONCERN

MAP REFERENCES/NOTES:

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3. 2009 BORING LOCATIONS WERE SURVEYED BY NAFIS & YOUNG ENGINEERS, APRIL 2009 (WITH THE EXCEPTION OF ME-SB-02).

4. M&E (2006) AND AECOM (2009) LOCATIONS WERE SURVEYED UNLESS NOTED IN NOTE 5.

5. SAMPLE LOCATIONS AOC-5-RB1, AND AOC-5-RB1, AOC-SA-M-SS-01, AND ME-SB-02 ARE ESTIMATED.

6. MONITORING WELL MW-12 WAS NOT USED TO ESTIMATE GROUNDWATER ELEVATION CONTOURS.

7. THE LNAPL THICKNESS IN MW-1 WAS APPROXIMATELY SEVERAL INCHES DURING THE 2007 SAMPLING.

8. ESTIMATED EXTENTS OF VOC PLUME IN SHALLOW GROUNDWATER BASED ON DETECTIONS OF CHLORINATED VOCs DURING 2006 SAMPLING EVENT.

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CITY OF MERIDEN, CONNECTICUT
INTERNATIONAL SILVER COMPANY, FACTORY H

FIGURE 7 – GROUNDWATER EXCEEDANCES & CONTOUR MAP

SUPPLEMENTAL INVESTIGATION AND SOIL REUSE EVALUATION

SCALE: AS NOTED | DATE: JULY 2009

Tables

TABLE 1
Summary of Areas of Concern
International Silver Company, Factory H
Meriden, Connecticut
AECOM Environment
July 2009

No.	Area of Concern	Location	Description	Available Data	Completed Remedial Actions
1	2 - 20,000-gallon USTs	East side of Building C	Reported to be steel construction and have contained diesel fuel. Unknown installation date.	Upgradient soil boring & soil gas survey (Weston, 1998) and GPR Survey (AEI, 2005); Phase II/III (M&E, 2006)	Contents of tanks pumped out (GZA, 2000)
2	1 - 1,000-gallon UST	Southeast side of Building A	Reported to be steel construction and have contained kerosene. Unknown installation date.	Phase II/III (M&E, 2006)	Contents of tank pumped out (GZA, 2000) and empty concrete vault found
3	1 - 10,000-gallon UST	Along Harbor Brook north of Building B	Reported to be steel construction and have contained metal finishing rinse and wastewater. Installed in 1970.	GPR Survey (AEI, 2005) and limited soil sampling data (CTDEP, Sept. 2005); Phase II/III (M&E, 2006)	Tank removed in 2005
4	1 - UST of unknown size	South side of Building C	Contained gasoline; unknown construction and installation date.	Soil sampling of sidewalls and bottom of tank excavation (CTDEP, Sept. 2005)	Tank removed in 2005
5	2 - USTs of unknown size	Curbed areas along southeast side of Building A	Unknown construction, use, and installation date.	GPR Survey (AEI, 2005); Phase II/III (M&E, 2006)	1 1,000 gal UST cleaned and 1 UST grave found
6	5 - USTs of unknown size	Fill pipes along northeast side of Building A	Unknown construction, use, and installation date.	Field observations GPR Survey (AEI, 2005) No tanks appeared to be present No soil or groundwater data is available	None reported
7	2 - 200-gallon ASTs	Ground floor of Building C	Reported to be steel construction. Unknown use and installation date.	Observations	Reported to have been pumped out / removed (email dated 1-30-06)
8	1 - 1,500-gallon AST	Ground floor of Building C	Reported to be concrete construction. Unknown use and installation date.	Observations	Reported to have been pumped out / removed (email dated 1-30-06)
9	2 - 300-gallon ASTs	North and west side of ground floor of Building A	Reported to be concrete construction. Unknown use and installation date.	Tanks are suspected to contain water (GZA, 2000).	None reported
10	1 - 150,000-gallon AST (Water tower)	South of Building C	Reported to be steel construction. Unknown installation date.	Phase II/III (M&E, 2006)	None reported

TABLE 1
Summary of Areas of Concern
International Silver Company, Factory H
Meriden, Connecticut
AECOM Environment
July 2009

No.	Area of Concern	Location	Description	Available Data	Completed Remedial Actions
11	11 - 55-gallon drums	Throughout southwestern portion of property	HRP observed four empty drums, and seven partially-filled drums containing unidentified wastes.	Sampling of drum contents (Weston, 1998); Phase II/III (M&E, 2006)	Drums were removed
12	Discharge pipes (to Harbor Brook)	East of Building A along Harbor Brook	Pipes formerly discharged wastewater from Building A to Harbor Brook.	Limited sediment and surface water sampling (Weston, 1998) is available.	None reported
13	Dry well	Southeast of Building B	Unknown materials may have been disposed of via the dry well.	Soil and groundwater sampling conducted at MW-14 (Weston, 1998); Phase II/III (M&E, 2006)	None reported
14	Dust piles	East of Building A under dust collectors	Piles of dust generated from facility's former silver polishing dust collection system.	Sampling of dust pile contents	Dust collectors cleaned and dust piles removed in 2005. Top 2 ft of soil beneath dust collectors removed in 2005. Excavations were backfilled with stone.
15	Debris piles	East of Harbor Brook and southwest corner of property	Several piles of earthen material, scrap, and debris.	Phase II/III (M&E, 2006); Supplemental Environmental Investigation (AECOM, 2009)	Debris piles removed in 2005.
16	Debris pile- glass slides	Southwest side of Building A	Pile of medical glass slides near the building dock of Building A.	None	None reported
17	Contaminated soil	Northeast corner of property in vicinity of former Building D	Approximately 5,600 ft^2 of chlorinated solvent contaminated soil (to a depth of at least 15 ft below ground surface).	Soil and groundwater sampling and soil gas survey (Weston, 1998); Phase II/III (M&E, 2006)	None reported
18	Contaminated soil	Area adjacent to Building C	15 ft^2 of fuel oil stained soil.	None	Oil stained soil removed in 2005

TABLE 1
Summary of Areas of Concern
International Silver Company, Factory H
Meriden, Connecticut
AECOM Environment
July 2009

No.	Area of Concern	Location	Description	Available Data	Completed Remedial Actions
19	Contaminated soil	Under dust piles east of Building A.	1,600 ft^2 of green stained soils contaminated with metals from overlying dust piles.	Soil sampling data (Weston, 1998; GZA, 2000; and CTDEP (2005); Phase II/III (M&E, 2006)	Top 2 ft of soil beneath and in vicinity of dust collectors removed in 2005.
20	Contaminated wood floor	South end of Building A	30 ft^2 of oil stained wooden floor.	None	None reported
21	Stained concrete	North end of Building A	40 ft^2 of stained concrete floor.	None	None reported
22	Asbestos debris pile	Adjacent to smoke stack south of Building C	10 ft^2 of deteriorated insulation material, possibly asbestos-containing material.	None	Debris pile removed.
23	Stained soil	East of Building A	10 ft^2 of paint stains.	Soil sampling data (Weston, 1998; GZA, 2000; and CTDEP (2005)	Top 2 ft of soil beneath and in vicinity of dust collectors removed in 2005.
24	Possible UST	West side of former Building D	Possible UST identified by ICF Kaiser Engineers	Soil gas survey and groundwater sampling data at MW-7, a nearby well (Weston, 1998); Phase II/III (M&E, 2006); Supplemental Environmental Investigation (AECOM, 2009)	None reported
25	Contaminated groundwater (various areas)	Various portions of property	Groundwater contaminated with chlorinated solvents have been documented in various portions of site.	Groundwater sampling data (Weston, 1998; Milone & MacBroom; GZA, 2000); Phase II/III (M&E, 2006); Supplemental Environmental Investigation (AECOM, 2009)	None reported
26	Contaminated surface water and sediments	Harbor Brook	Process wastewater is known to have been discharged to Harbor Brook	Limited sediment and surface water sampling (Weston, 1998) is available.	None reported
27	Asbestos containing materials	Throughout building interiors	Asbestos-containing pipe insulation, floor tiles and roof shingles have been identified in on-site buildings	N/A	N/A
28	Lead paint	Throughout building interiors	Peeling paint noted in on-site buildings.	N/A	N/A
29	Fluorescent light ballasts	Throughout building interiors	Fluorescent light ballasts may contain hazardous metals and PCBs.	N/A	N/A

TABLE 1
Summary of Areas of Concern
International Silver Company, Factory H
Meriden, Connecticut
AECOM Environment
July 2009

No.	Area of Concern	Location	Description	Available Data	Completed Remedial Actions	
30	Louie's Auto shop (55 Cooper St.)	Down-gradient of Louie's Auto.	Louie's Auto shop may be an upgradient source of groundwater contamination.	Phase II/III (M&E, 2006)	None reported	
31	Site-wide surficial soils	Throughout site.	Site-wide soil may need to be managed as part of site redevelopment activities.	Limited surficial soil data is available.	In vicinity of dust collectors	
32	Building B-transformer/electrical house	In building interior.	Electrical transformers located in building may contain PCBs.	None	None reported	
33	Stockpiles created in 2005 (AOCs-38 & 40)	In vicinity of MW-9	Stockpiled soil was staged on plastic sheeting.	Supplemental Environmental Investigation (AECOM, 2009)	None reported	The soils beneath the stockpiles have not been characterized.
SA-A	Stabilization Area A Smokestack Removed	No further action proposed for this AOC				
SA-B	Stabilization Area B Contaminated Soil Piles Removed (AOC-15)	Between former smokestack and 10,000 gal. UST	Location of former contaminated soil piles, which were comprised of street sweepings, pavement, concrete, stumps, etc.	Supplemental Environmental Investigation (AECOM, 2009)	Piles removed	
SA-C	Stabilization Area C Asphalt Piles Removed	East of Stabilization Area B	Location of former asphalt piles	Phase II/III (M&E, 2006); Supplemental Environmental Investigation (AECOM, 2009)	Piles removed	
SA-D	Stabilization Area D Asbestos-Impacted Soil Removed	Underneath former elevated heat transfer line	Asbestos-impacted soils	Limited soil sampling data is available	Visually impacted soil removed	
SA-E	Stabilization Area E Metal-Impacted Soil Removed	Underneath former elevated heat transfer line and west of former smokestack	Metal dust-impacted soil	Phase II/III (M&E, 2006)	Visually impacted soil removed	
SA-F	Stabilization Area F Impacted Soil Stockpile Staging Area #1	Located along eastern site boundary	Staging area during 2005 stabilization activities. Materials were staged on plastic sheeting.	Supplemental Environmental Investigation (AECOM, 2009)	Stockpile removed in 2005.	
SA-G	Stabilization Area G 10,000-gal. Waste Water UST Removed (AOC-3)	See AOC-3				

TABLE 1
Summary of Areas of Concern
International Silver Company, Factory H
Meriden, Connecticut
AECOM Environment
July 2009

No.	Area of Concern	Location	Description	Available Data	Completed Remedial Actions
SA-H	Stabilization Area H Metal-Impacted Soil Removed	Adjacent to and north of 10,000-gal. waste water UST	Metal dust-impacted soil	Phase II/III (M&E, 2006)	Visually impacted soil removed
SA-I	Stabilization Area I Impacted Soil Stockpile Staging Area #2 (Part of AOC-15)	Located along eastern site boundary	Staging area during 2005 stabilization activities. Materials were staged on plastic sheeting. However, AOC-15 was also located in this area.	Supplemental Environmental Investigation (AECOM, 2009)	Stockpile removed in 2005.
SA-J	Stabilization Area J 275 Gal. Gasoline UST Removed (AOC-4)	See AOC-4			
SA-K	Stabilization Area K Oil-Stained Soil Removed (AOC-18)	See AOC-18			
SA-L	Stabilization Area L 2x20,000-gal. #6 Oil Tanks Cleaned (AOC-1)	See AOC-1			
SA-M	Stabilization Area M Impacted-Soil and Fire Debris Pile Removed (AOC-15)	In location of former Building D	Pile of impacted soil and fire debris	Phase II/III (M&E, 2006)	Visually impacted soil and debris pile removed
SA-N	Stabilization Area N Building "C" Asbestos and Lead Abatement Work	At Building C	Removal of lead- and asbestos-containing materials	Phase II/III (M&E, 2006)	Lead and asbestos abated in building
SA-O	Stabilization Area O Impacted-Soil and Debris Pile Removed	Just southeast of footbridge	Pile of impacted soil and debris	Phase II/III (M&E, 2006)	Visually impacted soil and debris pile removed
SA-P	Stabilization Area P Asbestos Roof Removed from UST Bunker	At UST bunker located adjacent to Building C	Removal of asbestos-containing materials	Phase II/III (M&E, 2006)	Asbestos abated
SA-Q	Stabilization Area Q Building "B" Asbestos and Lead Abatement Work	At Building B	Removal of lead- and asbestos-containing materials	No visual impacts were observed.	Surficial soil removed on western side of building
SA-R	Stabilization Area R Metals-Impacted Soils Removed and Stone Cover Installed (AOC-14, 19)	See AOCs-14 and -19			

TABLE 1
Summary of Areas of Concern
International Silver Company, Factory H
Meriden, Connecticut
AECOM Environment
July 2009

No.	Area of Concern	Location	Description	Available Data	Completed Remedial Actions
SA-S	Stabilization Area S Sump Cleaned of Metal-Impacted Sludge	Adjacent to Building A near Building B	Depression in soil that contained metal-impacted sludge	Soil sampling data is available.	Metal-impacted sludge removed
SA-T	Stabilization Area T Building "A" 2nd & 3rd Floor Asbestos Abatement Work - Address other Portions of Building	At Building A	Removal of asbestos-containing materials	Phase II/III (M&E, 2006)	Asbestos abated in building
SA-U	Stabilization Area U 1,000-gal. Heating Oil UST Cleaned (AOC-2)	See AOC-2			
SA-V	Stabilization Area V UST Grave Found (No UST) (AOC-5)	See AOC-5			
SA-W	Stabilization Area W Empty Concrete Vault Found (AOC-5)	See AOC-5			

Notes:
SA = CTDEP stabilization area AOC = Area of Concern
UST = underground storage tank.
AST = aboveground storage tank.
ft^2 = square feet.
PCBs = polychlorinated biphenyls.
N/A = not applicable.
This summary of information is based on the compilation of reports listed in Section 2.5

TABLE 2 - Summary of Analytical and QA/QC Samples for Soil and Groundwater Sampling
International Silver Company, Factory H
Meriden, Connecticut
AECOM Environment
July 2009

	Surficial Soil Samples			Soil Borings			Groundwater		TOTAL		QA/QC SAMPLES			
	NUMBER OF LOCATIONS (*)	NUMBER OF TOTALS SAMPLES (1)	NUMBER OF SPLP SAMPLES (1)	NUMBER OF LOCATIONS (*)	NUMBER OF TOTALS SAMPLES (1)	NUMBER OF SPLP SAMPLES (1)	NUMBER OF LOCATIONS (*)	NUMBER OF SAMPLES (1)	NUMBER OF LOCATIONS (*)	NUMBER OF SAMPLES (1)	TRIP BLANKS (2)	EQUIPMENT BLANKS (3)	FIELD DUPLICATES (4)	TOTAL
Soil Direct Exposure Evaluation														
Volatile Organics (EPA 5035A/8260b)	0	0	0	8	16	0	---	---	8	16	2	0	1	19
Polynuclear Aromatic Hydrocarbons (EPA 8270c) (SPLP 1312)	12	12	0	8	16	0	---	---	20	28	0	0	2	30
Extractable Total Petroleum Hydrocarbons (CTETPH)	4	4	0	6	12	0	---	---	10	16	0	0	0	16
CTRSR 15 Metals (EPA 6000/7000) (SPLP 1312)	4	4	0	3	3	0	---	---	7	7	0	0	0	7
RCRA 8 Metals	0	0	0	6	9	0	---	---	6	9	0	0	0	9
Cyanide	0	0	0	6	12	0	---	---	6	12	0	0	0	12
Lead	8	8	0	2	4	0	---	---	10	12	0	0	2	14
Copper	8	8	0	0	0	0	---	---	8	8	0	0	1	9
Groundwater Evaluation														
Volatile Organics (EPA 5035A/8260b)	---	---	---	---	---	---	9	9	9	9	1	0	1	11
Polynuclear Aromatic Hydrocarbons (EPA 8270c) (SPLP 1312)	---	---	---	---	---	---	1	1	1	1	0	0	1	2
Extractable Total Petroleum Hydrocarbons (CTETPH)	---	---	---	---	---	---	1	1	1	1	0	0	1	2
CTRSR 15 Metals (EPA 6000/7000) (SPLP 1312)	---	---	---	---	---	---	1	1	1	1	0	0	1	2
Cyanide	---	---	---	---	---	---	1	1	1	1	0	0	1	2
Zinc	---	---	---	---	---	---	1	1	1	1	0	0	1	2
Arsenic	---	---	---	---	---	---	1	1	1	1	0	0	1	2

Notes:
1. Trip blanks were submitted with each shipment of samples for volatile organic analysis.
2. Equipment blanks were submitted 1 per 20 samples.
3. Field duplicates were submitted 1 per 20 samples.

TABLE 3 -
GROUNDWATER ELEVATIONS
FACTORY H SUPPLEMENTAL ENVIRONMENTAL INVESTIGATION
MERIDEN, CONNECTICUT
AECOM ENVIRONMENT

	MW-1	MW-3	MW-8	MW-10	MW-11	MW-12	MW-13	MW-14	AOC-3	AOC-11	AOC-15	AOC-17	AOC-19	AOC-24	AOC-30	MW-100	MW-101	MW-102	MW-103	MW-104
Date measured	5/10/2006	5/10/2006	3/13/2009	5/10/2006	3/13/2009	5/10/2006	5/10/2006	5/10/2006	3/13/2009	3/13/2009	5/10/2006	3/13/2009	5/10/2006	5/10/2006	3/13/2009	3/13/2009	3/13/2009	3/13/2009	3/13/2009	3/13/2009
Reference Elevation	150.02	142.16	140.69	146.35	143.71	143.2	141.09	138.82	142.72	140.29	139.98		142.84	139.21	140.85	150.04	149.94	148.68	147.93	146.36
Depth for water	13.71	9.79	8.14	12.11	7.95	8.74	7.24	6.05	10.2	8.6	7.06	13.05	10.25	3.98	9.45	15.6	15.25	13.02	13.8	12.08
Water elevation	136.31	132.37	132.55	134.24	135.76	134.46	133.85	132.77	132.52	131.69	132.92		132.59	135.23	131.4	134.44	134.69	135.66	134.13	134.28

TABLE 3 -
GROUNDWATER ELEVATIONS
FACTORY H SUPPLEMENTAL ENVIRONMENTAL INVESTIGATION
MERIDEN, CONNECTICUT
AECOM ENVIRONMENT

	MW-105	MW-106	MW-107	Cooper St	Cooper St	Footbridge	Footbridge	ME-MW-01	ME-MW-02
Date measured	11/29/2006	3/13/2009	11/29/2006	11/22/2006	11/30/2006	11/22/2006	11/30/2006	3/13/2009	3/13/2009
Reference Elevation	144.8	143.19	142.59	145.01	145.01	142.07	142.07		
Depth for water	10.47	9.75	10.08	13.75	13.7	9.58	9.5	14.37	7.7
Water elevation	134.33	133.44	132.51	131.26	131.31	132.49	132.57		

TABLE 4A
SUMMARY OF SOIL SAMPLE ANALYTICAL DATA
FACTORY H SUPPLEMENTAL INVESTIGATION
MERIDEN, CONNECTICUT
AECOM ENVIRONMENT

Parameter	RSR DEC		RSR PMC	SAMPLING LOCATION									
	I/C DEC	RES DEC	GB PMC	ME-SB-06 0-1 FT	ME-SB-06 2-3 FT	ME-SB-07 0-1 FT	ME-SB-07 2-4 FT	ME-SB-DUP	hide this for printing	ME-SS-01 0-1 FT	ME-SS-02 0-1 FT	ME-SS-03 0-1 FT	ME-SS-04 0-1 FT
Sampling Date				2/17/09	2/17/09	2/17/09	2/17/09	2/17/09		2/17/09	2/17/09	2/17/09	2/17/09
Sample Depth													
Laboratory Report_Number				LIMT-23332	LIMT-23332	LIMT-23332	LIMT-23332	LIMT-23332	dup DV	LIMT-23332	LIMT-23332	LIMT-23332	LIMT-23332
8260 dry weight (mg/kg dry wt)													
Acetone	1,000	500	140	<0.100	<0.15	<0.24	<0.23	<0.21	ND	NT	NT	NT	NT
Acrylonitrile	11	1.1	0.10	<0.006	<0.009	**<0.014***	**<0.014***	**<0.013***	ND	NT	NT	NT	NT
tert-Amylmethyl Ether	~	~	~	<0.001	<0.002	<0.003	<0.003	<0.003	ND	NT	NT	NT	NT
Benzene	200	21	0.20	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
Bromobenzene	~	~	~	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
Bromochloromethane	~	~	~	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
Bromodichloromethane	92	9.9	0.11	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
Bromoform	720	78	0.80	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
Bromomethane	1,000	95	2.0	<0.010	<0.015	<0.024	<0.023	<0.021	ND	NT	NT	NT	NT
2-Butanone (MEK)	1,000	500	80	<0.040	<0.058	<0.093	<0.089	<0.084	ND	NT	NT	NT	NT
tert-Butyl Alcohol	~	~	~	<0.040	<0.058	<0.093	<0.089	<0.084	ND	NT	NT	NT	NT
n-Butylbenzene	1,000	500	14	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
sec-Butylbenzene	1,000	500	14	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
tert-Butylbenzene	1,000	500	14	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
tert-Butylethyl Ether	~	~	~	<0.001	<0.002	<0.003	<0.003	<0.003	ND	NT	NT	NT	NT
Carbon Disulfide	1,000	500	140	<0.006	<0.009	<0.014	<0.014	<0.013	ND	NT	NT	NT	NT
Carbon Tetrachloride	44	4.7	1.0	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
Chlorobenzene	1,000	500	20	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
Chlorodibromomethane	68	7.3	0.10	<0.001	<0.002	<0.003	<0.003	<0.003	ND	NT	NT	NT	NT
Chloroethane	~	~	~	<0.020	<0.029	<0.047	<0.045	<0.042	ND	NT	NT	NT	NT
Chloroform	940	100	1.2	<0.004	<0.006	<0.010	<0.009	<0.009	ND	NT	NT	NT	NT
Chloromethane	440	47	0.54	<0.010	<0.015	<0.024	<0.023	<0.021	ND	NT	NT	NT	NT
2-Chlorotoluene	~	~	~	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
4-Chlorotoluene	~	~	~	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
1,2-Dibromo-3-Chloropropane	4.1	0.44	~	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
1,2-Dibromoethane	0.067	0.007	~	<0.001	<0.002	<0.003	<0.003	<0.003	ND	NT	NT	NT	NT
Dibromomethane	~	~	~	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
1,2-Dichlorobenzene	1,000	500	3.1	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
1,3-Dichlorobenzene	1,000	500	120	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
1,4-Dichlorobenzene	240	26	15	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
trans-1,4-Dichloro-2-Butene	~	~	~	<0.004	<0.006	<0.010	<0.009	<0.009	ND	NT	NT	NT	NT
Dichlorodifluoromethane	~	~	~	<0.020	<0.029	<0.047	<0.045	<0.042	ND	NT	NT	NT	NT
1,1-Dichloroethane	1,000	500	14	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
1,2-Dichloroethane	63	6.7	0.20	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
1,1-Dichloroethylene	9.5	1.0	1.4	<0.004	<0.006	<0.010	<0.009	<0.009	ND	NT	NT	NT	NT
cis-1,2-Dichloroethylene	1,000	500	14	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
trans-1,2-Dichloroethylene	1,000	500	20	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
1,2-Dichloropropane	84	9.0	1.0	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
1,3-Dichloropropane	~	~	0.1	<0.001	<0.002	<0.003	<0.003	<0.003	ND	NT	NT	NT	NT
2,2-Dichloropropane	~	~	~	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
1,1-Dichloropropene	~	~	~	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
cis-1,3-Dichloropropene	32	3.4	0.10	<0.001	<0.002	<0.003	<0.003	<0.003	ND	NT	NT	NT	NT
trans-1,3-Dichloropropene	32	3.4	0.10	<0.001	<0.002	<0.003	<0.003	<0.003	ND	NT	NT	NT	NT
Diethyl Ether	~	~	~	<0.020	<0.029	<0.047	<0.045	<0.042	ND	NT	NT	NT	NT
Diisopropyl Ether	~	~	~	<0.001	<0.002	<0.003	<0.003	<0.003	ND	NT	NT	NT	NT
1,4-Dioxane	~	~	~	<0.100	<0.15	<0.24	<0.23	<0.21	ND	NT	NT	NT	NT
Ethyl Benzene	1,000	500	10	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
Hexachlorobutadiene	~	~	~	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
2-Hexanone	~	~	~	<0.020	<0.029	<0.047	<0.045	<0.042	ND	NT	NT	NT	NT
Isopropylbenzene	1,000	500	130	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
p-Isopropyltoluene	1,000	500	14	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
MTBE	1,000	500	20	<0.004	<0.006	<0.010	<0.009	<0.009	ND	NT	NT	NT	NT
Metnylene Chloride	760	82	1.0	<0.020	<0.029	<0.047	<0.045	<0.042	ND	NT	NT	NT	NT
MIBK	1,000	500	14	<0.020	<0.029	<0.047	<0.045	<0.042	ND	NT	NT	NT	NT
Naphthalene	2,500	1,000	56	<0.004	<0.006	<0.010	<0.009	<0.009	ND	NT	NT	NT	NT
n-Propylbenzene	1,000	500	14	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
Styrene	1,000	500	20	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
1,1,1,2-Tetrachloroethane	220	24	0.20	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
1,1,2,2-Tetrachloroethane	29	3.1	0.10	<0.001	<0.002	<0.003	<0.003	<0.003	ND	NT	NT	NT	NT
Tetrachloroethylene	110	12	~	<0.002	<0.003	0.008	0.042 J	0.021 J	0.66667	NT	NT	NT	NT
Tetrahydrofuran	~	~	~	<0.010	<0.015	<0.024	<0.023	<0.021	ND	NT	NT	NT	NT
Toluene	1,000	500	67	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
1,2,3-Trichlorobenzene	~	~	~	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
1,2,4-Trichlorobenzene	2,500	680	14	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
1,3,5-Trichlorobenzene	~	~	~	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
1,1,1-Trichloroethane	1,000	500	40	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
1,1,2-Trichloroethane	100	11	1.0	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
Trichloroethylene	520	56	~	<0.002	<0.003	0.12	0.320 J	0.180 J	0.56000	NT	NT	NT	NT
Trichlorofluoromethane	1,000	500	260	<0.010	<0.015	<0.024	<0.023	<0.021	ND	NT	NT	NT	NT
1,2,3-Trichloropropane	~	~	~	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
1,1,2-Trichloro-1,2,2-Trifluoroethane	~	~	~	<0.010	<0.015	<0.024	<0.023	<0.021	ND	NT	NT	NT	NT
1,2,4-Trimethylbenzene	1,000	500	70	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
1,3,5-Trimethylbenzene	1,000	500	70	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT
Vinyl Chloride	3.0	0.32	0.40	<0.010	<0.015	<0.024	<0.023	<0.021	ND	NT	NT	NT	NT
m + p Xylene	1,000	500	20	<0.004	<0.006	<0.010	<0.009	<0.009	ND	NT	NT	NT	NT
o-Xylene	1,000	500	20	<0.002	<0.003	<0.005	<0.005	<0.005	ND	NT	NT	NT	NT

TABLE 4A
SUMMARY OF SOIL SAMPLE ANALYTICAL DATA
FACTORY H SUPPLEMENTAL INVESTIGATION
MERIDEN, CONNECTICUT
AECOM ENVIRONMENT

Parameter	RSR DEC		RSR PMC	SAMPLING LOCATION									
	I/C DEC	RES DEC	GB PMC	ME-SB-06 0-1 FT	ME-SB-06 2-3 FT	ME-SB-07 0-1 FT	ME-SB-07 2-4 FT	ME-SB-DUP	hide this for printing	ME-SS-01 0-1 FT	ME-SS-02 0-1 FT	ME-SS-03 0-1 FT	ME-SS-04 0-1 FT
8260 solid (mg/kg)									ND				
Acetone	1,000	500	140	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Acrylonitrile	11	1.1	0.10	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
tert-Amylmethyl Ether	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Benzene	200	21	0.20	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Bromobenzene	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Bromochloromethane	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Bromodichloromethane	92	9.9	0.11	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Bromoform	720	78	0.80	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Bromomethane	1,000	95	2.0	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
2-Butanone (MEK)	1,000	500	80	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
tert-Butyl Alcohol	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
n-Butylbenzene	1,000	500	14	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
sec-Butylbenzene	1,000	500	14	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
tert-Butylbenzene	1,000	500	14	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
tert-Butylethyl Ether	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Carbon Disulfide	1,000	500	140	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Carbon Tetrachloride	44	4.7	1.0	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Chlorobenzene	1,000	500	20	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Chlorodibromomethane	68	7.3	0.10	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Chloroethane	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Chloroform	940	100	1.2	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Chloromethane	440	47	0.54	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
2-Chlorotoluene	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
4-Chlorotoluene	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,2-Dibromo-3-Chloropropane	4.1	0.44	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,2-Dibromoethane	0.067	0.007	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Dibromomethane	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,2-Dichlorobenzene	1,000	500	3.1	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,3-Dichlorobenzene	1,000	500	120	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,4-Dichlorobenzene	240	26	15	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
trans-1,4-Dichloro-2-Butene	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Dichlorodifluoromethane	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,1-Dichloroethane	1,000	500	14	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,2-Dichloroethane	63	6.7	0.20	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,1-Dichloroethylene	9.5	1.0	1.4	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
cis-1,2-Dichloroethylene	1,000	500	14	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
trans-1,2-Dichloroethylene	1,000	500	20	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,2-Dichloropropane	84	9.0	1.0	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,3-Dichloropropane	~	~	0.1	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
2,2-Dichloropropane	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,1-Dichloropropene	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
cis-1,3-Dichloropropene	32	3.4	0.10	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
trans-1,3-Dichloropropene	32	3.4	0.10	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Diethyl Ether	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Diisopropyl Ether	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,4-Dioxane	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Ethyl Benzene	1,000	500	10	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Hexachlorobutadiene	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
2-Hexanone	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Isopropylbenzene	1,000	500	130	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
p-Isopropyltoluene	1,000	500	14	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
MTBE	1,000	500	20	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Methylene Chloride	760	82	1.0	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
MIBK	1,000	500	14	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Naphthalene	2,500	1,000	56	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
n-Propylbenzene	1,000	500	14	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Styrene	1,000	500	20	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,1,1,2-Tetrachloroethane	220	24	0.20	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,1,2,2-Tetrachloroethane	29	3.1	0.10	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Tetrachloroethylene	110	12	1.0	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Tetrahydrofuran	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Toluene	1,000	500	67	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,2,3-Trichlorobenzene	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,2,4-Trichlorobenzene	2,500	680	14	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,3,5-Trichloroebenzene	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,1,1-Trichloroethane	1,000	500	40	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,1,2-Trichloroethane	100	11	1.0	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Trichloroethylene	520	56	1.0	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Trichlorofluoromethane	1,000	500	260	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,2,3-Trichloropropane	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,1,2-Trichloro-1,2,2-Trifluoroethane	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,2,4-Trimethylbenzene	1,000	500	70	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,3,5-Trimethylbenzene	1,000	500	70	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Vinyl Chloride	3.0	0.32	0.40	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
m + p Xylene	1,000	500	20	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
o-Xylene	1,000	500	20	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT

TABLE 4A
SUMMARY OF SOIL SAMPLE ANALYTICAL DATA
FACTORY H SUPPLEMENTAL INVESTIGATION
MERIDEN, CONNECTICUT
AECOM ENVIRONMENT

	RSR DEC		RSR PMC	SAMPLING LOCATION									
Parameter	I/C DEC	RES DEC	GB PMC	ME-SB-06 0-1 FT	ME-SB-06 2-3 FT	ME-SB-07 0-1 FT	ME-SB-07 2-4 FT	ME-SB-DUP	hide this for printing	ME-SS-01 0-1 FT	ME-SS-02 0-1 FT	ME-SS-03 0-1 FT	ME-SS-04 0-1 FT
cu (mg/kg)dw icp (mg/kg dry wt)									ND				
Copper	76,000	2,500	~	NT	NT	NT	NT	NT	ND	144	1,950	66.2	406
cyanide-tot sldg (mg/kg dry wt)									ND				
Cyanide	41,000	1,400	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
etph dry weight (mg/kg dry weight)									ND				
Extractable TPH (ETPH)	2,500	500	2,500	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
metals(15pp)sicp (mg/kg dry wt)									ND				
Antimony	8,200	27.0	1.20	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Arsenic	10.0	10.0	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Barium	140,000	4,700	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Beryllium	2.00	2.00	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Cadmium	1,000	34.0	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Chromium	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Copper	76,000	2,500	~	NT	NT	NT	NT	NT	ND	144	1,950	66.2	406
Lead	1,000	400	~	572	435	518	472 J	244 J	0.63687	57.8	435	159	245
Mercury	610	20.0	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Nickel	7,500	1,400	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Selenium	10,000	340	0.5	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Silver	10,000	340	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Thallium	160	5.40	0.05	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Vanadium	14,000	470	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Zinc	610,000	20,000	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
metals-8 slg icp (mg/kg dry wt)									ND				
Arsenic	10.0	10.0	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Barium	140,000	4,700	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Cadmium	1,000	34.0	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Chromium	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Lead	1,000	400	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Mercury	610	20.0	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Selenium	10,000	340	0.5	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Silver	10,000	340	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
splp - ag 6020 (ug/L)									ND				
Silver	~	~	360	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
splp - as 6020 (ug/L)									ND				
Arsenic	~	~	500	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
splp - ba 6020 (ug/L)									ND				
Barium	~	~	10,000	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
splp - cr 6020 (ug/L)									ND				
Chromium	~	~	500	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
splp - cu 6020 (ug/L)									ND				
Copper	~	~	13,000	NT	NT	NT	NT	NT	ND	NT	6,760	NT	NT
splp - cyanide (mg/l)									ND				
Cyanide	~	~	2,000	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
splp - ni 6020 (ug/L)									ND				
Nickel	~	~	1,000	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
splp - pb 6020 (ug/L)									ND				
Lead	~	~	150	NT	NT	NT	28.9	NT	ND	NT	NT	NT	NT
splp - sb 6020 (ug/L)									ND				
Antimony	~	~	60	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
splp - se 6020 (ug/L)									ND				
Selenium	~	~	500	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
splp - tl 6020 (ug/L)									ND				
Thallium	~	~	50	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
splp - v 6020 (ug/L)									ND				
Vanadium	~	~	500	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
splp mercury (mg/l leachate)									ND				
Mercury	~	~	20	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT

TABLE 4A
SUMMARY OF SOIL SAMPLE ANALYTICAL DATA
FACTORY H SUPPLEMENTAL INVESTIGATION
MERIDEN, CONNECTICUT
AECOM ENVIRONMENT

Parameter	RSR DEC		RSR PMC	SAMPLING LOCATION									
	I/C DEC	RES DEC	GB PMC	ME-SB-06 0-1 FT	ME-SB-06 2-3 FT	ME-SB-07 0-1 FT	ME-SB-07 2-4 FT	ME-SB-DUP	hide this for printing	ME-SS-01 0-1 FT	ME-SS-02 0-1 FT	ME-SS-03 0-1 FT	ME-SS-04 0-1 FT
pah - sludge (mg/kg dry wt)									ND				
Acenaphthene	2,500	1,000	84	<0.398	0.528	<0.977	<0.197	<0.208	ND	<0.201	2.40	<0.221	<0.195
Acenaphthylene	2,500	1,000	84	<0.398	<0.216	<0.977	<0.197	<0.208	ND	<0.201	1.87	<0.221	<0.195
Anthracene	2,500	1,000	400	<0.398	0.254	<0.977	<0.197	<0.208	ND	<0.201	8.44	<0.221	<0.195
Benzo(a)anthracene	7.8	1	1	0.581	0.869	**1.04**	<0.197	0.269	ND	0.285	**24.1**	0.449	0.609
Benzo(a)pyrene	1	1	1	0.595	0.877	<0.977	<0.197	<0.208	ND	0.229	**21.1**	0.449	0.586
Benzo(b)fluoranthene	7.8	1	1	0.778	**1.23**	**1.55**	<0.197	0.264	ND	0.273	**27.4**	0.674	0.704
Benzo(g,h,i)perylene	2,500	1,000	42	<0.398	0.437	<0.977	<0.197	<0.208	ND	<0.201	5.71	<0.221	0.259
Benzo(k)fluoranthene	78	8.40	1	<0.398	0.521	<0.977	<0.197	<0.208	ND	<0.201	**7.39**	0.288	0.301
Chrysene	780	84.0	1	0.623	**1.69**	**1.28**	<0.197	0.288	ND	0.314	**25.4**	0.553	0.659
Dibenz(a,h)anthracene	1	1	1	<0.398	<0.216	<0.977	<0.197	<0.208	ND	<0.201	**1.80**	<0.221	<0.195
Fluoranthene	2,500	1,000	56	0.706	2.79	2.37	<0.197 UJ	0.394 J		0.334	49.4	0.654	0.786
Fluorene	2,500	1,000	56	<0.398	0.252	<0.977	<0.197	<0.208	ND	<0.201	4.38	<0.221	<0.195
Indeno(1,2,3-cd)pyrene	7.80	1	1.00	<0.398	0.540	<0.977	<0.197	<0.208	ND	<0.201	**7.06**	0.234	0.329
2-Methylnaphthalene	2,500	474	9.8	<0.398	<0.216	<0.977	<0.197	<0.208	ND	<0.201	1.96	<0.221	<0.195
Naphthalene	2,500	1,000	56	<0.398	<0.216	<0.977	<0.197	<0.208	ND	<0.201	2.28	<0.221	<0.195
Phenanthrene	2,500	1,000	40	<0.398	1.11	<0.977	<0.197	0.267	ND	<0.201	**53.4**	0.350	0.647
Pyrene	2,500	1,000	40	0.652	2.93	1.84	<0.197 UJ	0.403 J	ND	0.386	**46.2**	0.603	0.849
pah - splp (ug/l)			(GA GWPC x 10)						ND				
Acenaphthylene	~	~	4,200	NT	NT	NT	NT	NT	ND	NT	0.30	NT	NT
Anthracene	~	~	20,000	NT	NT	NT	NT	NT	ND	NT	0.21	NT	NT
Benzo(a)anthracene	~	~	0.6	NT	NT	NT	NT	NT	ND	NT	**0.610**	NT	NT
Benzo(a)pyrene	~	~	2	NT	NT	NT	NT	NT	ND	NT	0.390	NT	NT
Benzo(b)fluoranthene	~	~	0.8	NT	NT	NT	NT	NT	ND	NT	0.650	NT	NT
Chrysene	~	~	48	NT	NT	NT	NT	NT	ND	NT	0.49	NT	NT
Fluoranthene	~	~	2,800	NT	NT	NT	NT	NT	ND	NT	1.18	NT	NT
Phenanthrene	~	~	4,200	NT	NT	NT	NT	NT	ND	NT	1.66	NT	NT
Pyrene	~	~	2,000	NT	NT	NT	NT	NT	ND	NT	1.14	NT	NT
pb (mg/kg)dw icp (mg/kg dry wt)									ND				
Lead	1,000	400	~	572	435	518	472 J	244 J	0.63687	57.8	435	159	245
solids (percent) (%)									ND				
Solids, total	~	~	~	83.8	77.4	85.3	84.8	80.3	0.05451	83.0	85.6	75.5	85.7

Notes:
1. An asterisk (*) following a detection limit indicates that the minumum laboratory reporting limit exceeds one or more of the regulatory criteria.
2. NT = Not tested.
3. ~ = No Standard available
4. Shaded values exceed the RSR Residential Direct Exposure Criteria (RES DEC) for the parameter.
5. Shaded and bold border values exceed the RSR Industrial/Commercial Direct Exposure Criteria (I/C DEC) for the parameter.
6. Bolded values exceed the RSR GB Pollutant Mobility Criteria (GB PMC) for the parameter.
7. RSR criteria are in same units as analyte.
8. ND = Not detected above the reporting limit
9. Results are only compared to existing CT RSRs. No exceedances to revised CT RSRs are called out. Revised CT RSRs shown for informational purposes only.
   A summary of exceedance changes due to the revised RSRs is provided in Table 7.

TABLE 4A
SUMMARY OF SOIL SAMPLE ANALYTICAL DATA
FACTORY H SUPPLEMENTAL INVESTIGATION
MERIDEN, CONNECTICUT
AECOM ENVIRONMENT

Parameter	RSR DEC		RSR PMC	SAMPLE LOCATION									
	I/C DEC	RES DEC	GB PMC	ME-SS-05 0-1 FT	ME-SS-06 0-1 FT	ME-SS-07 0-1 FT	ME-SS-08 0-1 FT	ME-SS-DUP	DV check for ss08, ssDUP	ME-SS-09 1-1.5 FT	ME-SS-10 0-1 FT	ME-SS-11 1-1.5 FT	ME-SS-12 0-1 FT
Sampling Date				2/17/09	2/17/09	2/17/09	2/17/09	2/17/09		2/17/09	2/17/09	2/17/09	2/17/09
Sample Depth													
Laboratory Report Number				LIMT-23332	LIMT-23332	LIMT-23332	LIMT-23332	LIMT-23332		LIMT-23332	LIMT-23332	LIMT-23332	LIMT-23332
8260 dry weight (mg/kg dry wt)													
Acetone	1,000	500	140	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Acrylonitrile	11	1.1	0.10	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
tert-Amylmethyl Ether	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Benzene	200	21	0.20	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Bromobenzene	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Bromochloromethane	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Bromodichloromethane	92	9.9	0.11	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Bromoform	720	78	0.80	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Bromomethane	1,000	95	2.0	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
2-Butanone (MEK)	1,000	500	80	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
tert-Butyl Alcohol	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
n-Butylbenzene	1,000	500	14	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
sec-Butylbenzene	1,000	500	14	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
tert-Butylbenzene	1,000	500	14	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
tert-Butylethyl Ether	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Carbon Disulfide	1,000	500	140	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Carbon Tetrachloride	44	4.7	1.0	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Chlorobenzene	1,000	500	20	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Chlorodibromomethane	68	7.3	0.10	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Chloroethane	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Chloroform	940	100	1.2	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Chloromethane	440	47	0.54	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
2-Chlorotoluene	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
4-Chlorotoluene	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,2-Dibromo-3-Chloropropane	4.1	0.44	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,2-Dibromoethane	0.067	0.007	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Dibromomethane	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,2-Dichlorobenzene	1,000	500	3.1	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,3-Dichlorobenzene	1,000	500	120	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,4-Dichlorobenzene	240	26	15	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
trans-1,4-Dichloro-2-Butene	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Dichlorodifluoromethane	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,1-Dichloroethane	1,000	500	14	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,2-Dichloroethane	63	6.7	0.20	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,1-Dichloroethylene	9.5	1.0	1.4	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
cis-1,2-Dichloroethylene	1,000	500	14	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
trans-1,2-Dichloroethylene	1,000	500	20	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,2-Dichloropropane	84	9.0	1.0	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,3-Dichloropropane	~	~	0.1	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
2,2-Dichloropropane	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,1-Dichloropropene	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
cis-1,3-Dichloropropene	32	3.4	0.10	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
trans-1,3-Dichloropropene	32	3.4	0.10	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Diethyl Ether	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Diisopropyl Ether	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,4-Dioxane	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Ethyl Benzene	1,000	500	10	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Hexachlorobutadiene	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
2-Hexanone	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Isopropylbenzene	1,000	500	130	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
p-Isopropyltoluene	1,000	500	14	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
MTBE	1,000	500	20	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Metnylene Chloride	760	82	1.0	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
MIBK	1,000	500	14	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Naphthalene	2,500	1,000	56	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
n-Propylbenzene	1,000	500	14	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Styrene	1,000	500	20	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,1,1,2-Tetrachloroethane	220	24	0.20	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,1,2,2-Tetrachloroethane	29	3.1	0.10	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Tetrachloroethylene	110	12	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Tetrahydrofuran	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Toluene	1,000	500	67	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,2,3-Trichlorobenzene	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,2,4-Trichlorobenzene	2,500	680	14	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,3,5-Trichlorobenzene	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,1,1-Trichloroethane	1,000	500	40	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,1,2-Trichloroethane	100	11	1.0	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Trichloroethylene	520	56	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Trichlorofluoromethane	1,000	500	260	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,2,3-Trichloropropane	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,1,2-Trichloro-1,2,2-Trifluoroethane	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,2,4-Trimethylbenzene	1,000	500	70	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,3,5-Trimethylbenzene	1,000	500	70	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Vinyl Chloride	3.0	0.32	0.40	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
m + p Xylene	1,000	500	20	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
o-Xylene	1,000	500	20	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT

TABLE 4A
SUMMARY OF SOIL SAMPLE ANALYTICAL DATA
FACTORY H SUPPLEMENTAL INVESTIGATION
MERIDEN, CONNECTICUT
AECOM ENVIRONMENT

	RSR DEC		RSR PMC	SAMPLE LOCATION									
Parameter	I/C DEC	RES DEC	GB PMC	ME-SS-05 0-1 FT	ME-SS-06 0-1 FT	ME-SS-07 0-1 FT	ME-SS-08 0-1 FT	ME-SS-DUP	DV check for ss08, ssDUP	ME-SS-09 1-1.5 FT	ME-SS-10 0-1 FT	ME-SS-11 1-1.5 FT	ME-SS-12 0-1 FT
8260 solid (mg/kg)									ND				
Acetone	1,000	500	140	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Acrylonitrile	11	1.1	0.10	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
tert-Amylmethyl Ether	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Benzene	200	21	0.20	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Bromobenzene	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Bromochloromethane	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Bromodichloromethane	92	9.9	0.11	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Bromoform	720	78	0.80	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Bromomethane	1,000	95	2.0	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
2-Butanone (MEK)	1,000	500	80	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
tert-Butyl Alcohol	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
n-Butylbenzene	1,000	500	14	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
sec-Butylbenzene	1,000	500	14	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
tert-Butylbenzene	1,000	500	14	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
tert-Butylethyl Ether	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Carbon Disulfide	1,000	500	140	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Carbon Tetrachloride	44	4.7	1.0	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Chlorobenzene	1,000	500	20	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Chlorodibromomethane	68	7.3	0.10	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Chloroethane	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Chloroform	940	100	1.2	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Chloromethane	440	47	0.54	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
2-Chlorotoluene	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
4-Chlorotoluene	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,2-Dibromo-3-Chloropropane	4.1	0.44	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,2-Dibromoethane	0.067	0.007	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Dibromomethane	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,2-Dichlorobenzene	1,000	500	3.1	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,3-Dichlorobenzene	1,000	500	120	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,4-Dichlorobenzene	240	26	15	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
trans-1,4-Dichloro-2-Butene	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Dichlorodifluoromethane	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,1-Dichloroethane	1,000	500	14	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,2-Dichloroethane	63	6.7	0.20	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,1-Dichloroethylene	9.5	1.0	1.4	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
cis-1,2-Dichloroethylene	1,000	500	14	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
trans-1,2-Dichloroethylene	1,000	500	20	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,2-Dichloropropane	84	9.0	1.0	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,3-Dichloropropane	~	~	0.1	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
2,2-Dichloropropane	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,1-Dichloropropene	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
cis-1,3-Dichloropropene	32	3.4	0.10	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
trans-1,3-Dichloropropene	32	3.4	0.10	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Diethyl Ether	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Diisopropyl Ether	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,4-Dioxane	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Ethyl Benzene	1,000	500	10	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Hexachlorobutadiene	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
2-Hexanone	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Isopropylbenzene	1,000	500	130	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
p-Isopropyltoluene	1,000	500	14	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
MTBE	1,000	500	20	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Methylene Chloride	760	82	1.0	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
MIBK	1,000	500	14	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Naphthalene	2,500	1,000	56	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
n-Propylbenzene	1,000	500	14	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Styrene	1,000	500	20	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,1,1,2-Tetrachloroethane	220	24	0.20	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,1,2,2-Tetrachloroethane	29	3.1	0.10	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Tetrachloroethylene	110	12	1.0	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Tetrahydrofuran	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Toluene	1,000	500	67	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,2,3-Trichlorobenzene	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,2,4-Trichlorobenzene	2,500	680	14	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,3,5-Trichloroebenzene	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,1,1-Trichloroethane	1,000	500	40	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,1,2-Trichloroethane	100	11	1.0	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Trichloroethylene	520	56	1.0	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Trichlorofluoromethane	1,000	500	260	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,2,3-Trichloropropane	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,1,2-Trichloro-1,2,2-Trifluoroethane	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,2,4-Trimethylbenzene	1,000	500	70	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
1,3,5-Trimethylbenzene	1,000	500	70	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Vinyl Chloride	3.0	0.32	0.40	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
m + p Xylene	1,000	500	20	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
o-Xylene	1,000	500	20	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT

TABLE 4A
SUMMARY OF SOIL SAMPLE ANALYTICAL DATA
FACTORY H SUPPLEMENTAL INVESTIGATION
MERIDEN, CONNECTICUT
AECOM ENVIRONMENT

	RSR DEC		RSR PMC	SAMPLE LOCATION									
Parameter	I/C DEC	RES DEC	GB PMC	ME-SS-05 0-1 FT	ME-SS-06 0-1 FT	ME-SS-07 0-1 FT	ME-SS-08 0-1 FT	ME-SS-DUP	DV check for ss08, ssDUP	ME-SS-09 1-1.5 FT	ME-SS-10 0-1 FT	ME-SS-11 1-1.5 FT	ME-SS-12 0-1 FT
cu (mg/kg)dw icp (mg/kg dry wt)									ND				
Copper	76,000	2,500	~	108	742	1,060	336	305	0.09672	NT	NT	NT	NT
cyanide-tot sldg (mg/kg dry wt)									ND				
Cyanide	41,000	1,400	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
etph dry weight (mg/kg dry weight)									ND				
Extractable TPH (ETPH)	2,500	500	2,500	NT	NT	NT	NT	NT	ND	13	110	<12	72
metals(15pp)sicp (mg/kg dry wt)									ND				
Antimony	8,200	27.0	1.20	NT	NT	NT	NT	NT	ND	<4.29	<4.23	<4.47	<4.88
Arsenic	10.0	10.0	~	NT	NT	NT	NT	NT	ND	2.71	2.89	<2.80	9.21
Barium	140,000	4,700	~	NT	NT	NT	NT	NT	ND	57.5	19.3	32.3	109
Beryllium	2.00	2.00	~	NT	NT	NT	NT	NT	ND	<0.27	<0.27	<0.28	<0.31
Cadmium	1,000	34.0	~	NT	NT	NT	NT	NT	ND	<0.27	0.42	<0.28	0.75
Chromium	~	~	~	NT	NT	NT	NT	NT	ND	15.1	3.36	3.77	18.1
Copper	76,000	2,500	~	108	742	1,060	336	305	0.09672	19.6	87.1	20.8	1,050
Lead	1,000	400	~	39.2	252	744	565	462	0.20058	6.05	11.1	7.91	194
Mercury	610	20.0	~	NT	NT	NT	NT	NT	ND	0.017	0.018	<0.012	0.220
Nickel	7,500	1,400	~	NT	NT	NT	NT	NT	ND	11.3	11.5	3.64	218
Selenium	10,000	340	0.5	NT	NT	NT	NT	NT	ND	<5.36	<5.29	<5.59	<6.10
Silver	10,000	340	~	NT	NT	NT	NT	NT	ND	<0.54	<0.53	<0.56	11.5
Thallium	160	5.40	0.05	NT	NT	NT	NT	NT	ND	<3.22	<3.18	<3.36	<3.66
Vanadium	14,000	470	~	NT	NT	NT	NT	NT	ND	33.0	86.4	11.3	57.9
Zinc	610,000	20,000	~	NT	NT	NT	NT	NT	ND	33.6	53.2	15.5	426
metals-8 slg icp (mg/kg dry wt)									ND				
Arsenic	10.0	10.0	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Barium	140,000	4,700	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Cadmium	1,000	34.0	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Chromium	~	~	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Lead	1,000	400	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Mercury	610	20.0	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Selenium	10,000	340	0.5	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
Silver	10,000	340	~	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
splp - ag 6020 (ug/L)									ND				
Silver	~	~	360	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
splp - as 6020 (ug/L)									ND				
Arsenic	~	~	500	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
splp - ba 6020 (ug/L)									ND				
Barium	~	~	10,000	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
splp - cr 6020 (ug/L)									ND				
Chromium	~	~	500	NT	NT	NT	NT	NT	ND	<100	NT	NT	NT
splp - cu 6020 (ug/L)									ND				
Copper	~	~	13,000	<25.0	NT	NT	NT	NT	ND	NT	NT	NT	120
splp - cyanide (mg/l)									ND				
Cyanide	~	~	2,000	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
splp - ni 6020 (ug/L)									ND				
Nickel	~	~	1,000	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT
splp - pb 6020 (ug/L)									ND				
Lead	~	~	150	NT	37.5	101	NT	NT	ND	<5.00	NT	NT	NT
splp - sb 6020 (ug/L)									ND				
Antimony	~	~	60	NT	NT	NT	NT	NT	ND	<5.00	NT	NT	NT
splp - se 6020 (ug/L)									ND				
Selenium	~	~	500	NT	NT	NT	NT	NT	ND	NT	NT	NT	<25.0
splp - tl 6020 (ug/L)									ND				
Thallium	~	~	50	NT	NT	NT	NT	NT	ND	<1.00	NT	NT	NT
splp - v 6020 (ug/L)									ND				
Vanadium	~	~	500	NT	NT	NT	NT	NT	ND	<50.0	NT	NT	NT
splp mercury (mg/l leachate)									ND				
Mercury	~	~	20	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT

TABLE 4A
SUMMARY OF SOIL SAMPLE ANALYTICAL DATA
FACTORY H SUPPLEMENTAL INVESTIGATION
MERIDEN, CONNECTICUT
AECOM ENVIRONMENT

Parameter	RSR DEC		RSR PMC	SAMPLE LOCATION									
	I/C DEC	RES DEC	GB PMC	ME-SS-05 0-1 FT	ME-SS-06 0-1 FT	ME-SS-07 0-1 FT	ME-SS-08 0-1 FT	ME-SS-DUP	DV check for ss08, ssDUP	ME-SS-09 1-1.5 FT	ME-SS-10 0-1 FT	ME-SS-11 1-1.5 FT	ME-SS-12 0-1 FT
pah - sludge (mg/kg dry wt)									ND				
Acenaphthene	2,500	1,000	84	<0.182	<0.720	0.652	<0.369	<0.380	ND	<0.179	<0.353	<0.187	<1.02
Acenaphthylene	2,500	1,000	84	<0.182	<0.720	<0.198	0.483	0.544	0.11879	<0.179	<0.353	<0.187	<1.02
Anthracene	2,500	1,000	400	<0.182	1.34	2.03	0.938	1.21	0.25326	<0.179	<0.353	<0.187	<1.02
Benzo(a)anthracene	7.8	1	1	<0.182	**3.34**	**4.12**	**3.23**	**3.87**	0.18026	<0.179	<0.353	<0.187	**2.80**
Benzo(a)pyrene	1	1	1	<0.182	**3.27**	**2.97**	**3.05**	**3.56**	0.15431	<0.179	<0.353	<0.187	**2.25**
Benzo(b)fluoranthene	7.8	1	1	0.277	**4.26**	**3.96**	**4.23**	**4.92**	0.15082	<0.179	<0.353	<0.187	**2.99**
Benzo(g,h,i)perylene	2,500	1,000	42	<0.182	1.37	1.12	1.34	1.62	0.18919	<0.179	<0.353	<0.187	1.06
Benzo(k)fluoranthene	78	8.40	1	<0.182	**1.52**	**1.56**	**1.80**	**1.85**	0.02740	<0.179	<0.353	<0.187	**1.21**
Chrysene	780	84.0	1	0.198	**3.55**	**3.92**	**3.41**	**3.96**	0.14925	<0.179	<0.353	<0.187	**2.84**
Dibenz(a,h)anthracene	1	1	1	<0.182	<0.720	0.360	0.402	0.492	0.20134	<0.179	<0.353	<0.187	<1.02*
Fluoranthene	2,500	1,000	56	0.226	6.24	6.34	6.45	6.66	0.03204	<0.179	<0.353	<0.187	4.39
Fluorene	2,500	1,000	56	<0.182	<0.720	0.655	0.515	0.622	0.18821	<0.179	<0.353	<0.187	<1.02
Indeno(1,2,3-cd)pyrene	7.80	1	1.00	<0.182	**1.70**	**1.40**	**1.62**	**1.90**	0.15909	<0.179	<0.353	<0.187	**1.35**
2-Methylnaphthalene	2,500	474	9.8	<0.182	<0.720	0.239	<0.369	<0.380	ND	<0.179	<0.353	<0.187	<1.02*
Naphthalene	2,500	1,000	56	<0.182	<0.720	0.281	<0.369	<0.380	ND	<0.179	<0.353	1.18	<1.02
Phenanthrene	2,500	1,000	40	<0.182	6.09	7.53	3.94	4.98	0.23318	<0.179	<0.353	<0.187	2.64
Pyrene	2,500	1,000	40	<0.182	5.09	5.52	5.53	5.33	0.03683	<0.179	<0.353	<0.187	3.66
pah - splp (ug/l)			(GA GWPC x 10)						ND				
Acenaphthylene	~	~	4,200	NT	<0.30	NT	NT	NT	ND	NT	NT	NT	NT
Anthracene	~	~	20,000	NT	<0.20	NT	NT	NT	ND	NT	NT	NT	NT
Benzo(a)anthracene	~	~	0.6	NT	<0.050	NT	NT	NT	ND	NT	NT	NT	NT
Benzo(a)pyrene	~	~	2	NT	<0.100	NT	NT	NT	ND	NT	NT	NT	NT
Benzo(b)fluoranthene	~	~	0.8	NT	<0.050	NT	NT	NT	ND	NT	NT	NT	NT
Chrysene	~	~	48	NT	<0.20	NT	NT	NT	ND	NT	NT	NT	NT
Fluoranthene	~	~	2,800	NT	<0.50	NT	NT	NT	ND	NT	NT	NT	NT
Phenanthrene	~	~	4,200	NT	<0.05	NT	NT	NT	ND	NT	NT	NT	NT
Pyrene	~	~	2,000	NT	<1.00	NT	NT	NT	ND	NT	NT	NT	NT
pb (mg/kg)dw icp (mg/kg dry wt)									ND				
Lead	1,000	400	~	39.2	252	744	565	462	0.20058	NT	NT	NT	NT
solids (percent) (%)									ND				
Solids, total	~	~	~	91.6	92.7	84.2	90.5	87.8	0.03029	93.4	94.6	89.5	82.1

Notes:
1. An asterisk (*) following a detection limit indicates that the minumum laboratory reporting limit exceeds one o
2. NT = Not tested.
3. ~ = No Standard available
4. Shaded values exceed the RSR Residential Direct Exposure Criteria (RES DEC) for the parameter.
5. Shaded and bold border values exceed the RSR Industrial/Commercial Direct Exposure Criteria (I/C DEC) fo
6. Bolded values exceed the RSR GB Pollutant Mobility Criteria (GB PMC) for the parameter.
7. RSR criteria are in same units as analyte.
8. ND = Not detected above the reporting limit
9. Results are only compared to existing CT RSRs. No exceedances to revised CT RSRs are called out. Revis
   A summary of exceedance changes due to the revised RSRs is provided in Table 7.

TABLE 4A
SUMMARY OF SOIL SAMPLE ANALYTICAL DATA
FACTORY H SUPPLEMENTAL INVESTIGATION
MERIDEN, CONNECTICUT
AECOM ENVIRONMENT

Parameter	RSR DEC		RSR PMC	SAMPLING LOCATION								
	I/C DEC	RES DEC	GB PMC	TRIP BLANK 021709	ME-MW-02 13-14FT	ME-MW-02 4.5-5FT	ME-SB-01 0.5-1.5FT	ME-SB-01 8-9FT	ME-SB-02 1-2FT	ME-SB-02 8-9FT	ME-SB-03 1-2FT	ME-SB-03 7.5-8.5FT
Sampling Date				2/17/09	2/19/09	2/19/09	2/19/09	2/19/09	2/19/09	2/19/09	2/19/09	2/19/09
Sample Depth												
Laboratory Report Number				LIMT-23332	LIMT-23411	LIMT-23411	LIMT-23411	LIMT-23411	LIMT-23411	LIMT-23411	LIMT-23411	LIMT-23411
8260 dry weight (mg/kg dry wt)												
Acetone	1,000	500	140	NT	<0.11	<0.15	<0.092	<0.13	<0.089	<0.077	<0.097	<0.11
Acrylonitrile	11	1.1	0.10	NT	<0.007	<0.009	<0.006	<0.008	<0.006	<0.005	<0.006	<0.007
tert-Amylmethyl Ether	~	~	~	NT	<0.002	<0.002	<0.001	<0.002	<0.001	<0.001	<0.001	<0.002
Benzene	200	21	0.20	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
Bromobenzene	~	~	~	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
Bromochloromethane	~	~	~	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
Bromodichloromethane	92	9.9	0.11	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
Bromoform	720	78	0.80	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
Bromomethane	1,000	95	2.0	NT	<0.011	<0.015	<0.010	<0.013	<0.009	<0.008	<0.010	<0.011
2-Butanone (MEK)	1,000	500	80	NT	<0.041	<0.060	<0.037	<0.049	<0.036	<0.031	<0.039	<0.041
tert-Butyl Alcohol	~	~	~	NT	<0.041	<0.060	<0.037	<0.049	<0.036	<0.031	<0.039	<0.041
n-Butylbenzene	1,000	500	14	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
sec-Butylbenzene	1,000	500	14	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
tert-Butylbenzene	1,000	500	14	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
tert-Butylethyl Ether	~	~	~	NT	<0.002	<0.002	<0.001	<0.002	<0.001	<0.001	<0.001	<0.002
Carbon Disulfide	1,000	500	140	NT	<0.007	<0.009	<0.006	<0.008	<0.006	<0.005	<0.006	<0.007
Carbon Tetrachloride	44	4.7	1.0	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
Chlorobenzene	1,000	500	20	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
Chlorodibromomethane	68	7.3	0.10	NT	<0.002	<0.002	<0.001	<0.002	<0.001	<0.001	<0.001	<0.002
Chloroethane	~	~	~	NT	<0.021	<0.030	<0.019	<0.025	<0.018	<0.016	<0.020	<0.021
Chloroform	940	100	1.2	NT	<0.005	<0.006	<0.004	<0.005	<0.004	<0.004	<0.004	<0.005
Chloromethane	440	47	0.54	NT	<0.011	<0.015	<0.010	<0.013	<0.009	<0.008	<0.010	<0.011
2-Chlorotoluene	~	~	~	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
4-Chlorotoluene	~	~	~	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
1,2-Dibromo-3-Chloropropane	4.1	0.44	~	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
1,2-Dibromoethane	0.067	0.007	~	NT	<0.002	<0.002	<0.001	<0.002	<0.001	<0.001	<0.001	<0.002
Dibromomethane	~	~	~	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
1,2-Dichlorobenzene	1,000	500	3.1	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
1,3-Dichlorobenzene	1,000	500	120	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
1,4-Dichlorobenzene	240	26	15	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
trans-1,4-Dichloro-2-Butene	~	~	~	NT	<0.005	<0.006	<0.004	<0.005	<0.004	<0.004	<0.004	<0.005
Dichlorodifluoromethane	~	~	~	NT	<0.021	<0.030	<0.019	<0.025	<0.018	<0.016	<0.020	<0.021
1,1-Dichloroethane	1,000	500	14	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
1,2-Dichloroethane	63	6.7	0.20	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
1,1-Dichloroethylene	9.5	1.0	1.4	NT	<0.005	<0.006	<0.004	<0.005	<0.004	<0.004	<0.004	<0.005
cis-1,2-Dichloroethylene	1,000	500	14	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
trans-1,2-Dichloroethylene	1,000	500	20	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
1,2-Dichloropropane	84	9.0	1.0	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
1,3-Dichloropropane	~	~	0.1	NT	<0.002	<0.002	<0.001	<0.002	<0.001	<0.001	<0.001	<0.002
2,2-Dichloropropane	~	~	~	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
1,1-Dichloropropene	~	~	~	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
cis-1,3-Dichloropropene	32	3.4	0.10	NT	<0.002	<0.002	<0.001	<0.002	<0.001	<0.001	<0.001	<0.002
trans-1,3-Dichloropropene	32	3.4	0.10	NT	<0.002	<0.002	<0.001	<0.002	<0.001	<0.001	<0.001	<0.002
Diethyl Ether	~	~	~	NT	<0.021	<0.030	<0.019	<0.025	<0.018	<0.016	<0.020	<0.021
Diisopropyl Ether	~	~	~	NT	<0.002	<0.002	<0.001	<0.002	<0.001	<0.001	<0.001	<0.002
1,4-Dioxane	~	~	~	NT	<0.11	<0.15	<0.092	<0.13	<0.089	<0.077	<0.097	<0.11
Ethyl Benzene	1,000	500	10	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
Hexachlorobutadiene	~	~	~	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
2-Hexanone	~	~	~	NT	<0.021	<0.030	<0.019	<0.025	<0.018	<0.016	<0.020	<0.021
Isopropylbenzene	1,000	500	130	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
p-Isopropyltoluene	1,000	500	14	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
MTBE	1,000	500	20	NT	<0.005	<0.006	<0.004	<0.005	<0.004	<0.004	<0.004	<0.005
Methylene Chloride	760	82	1.0	NT	<0.021	<0.030	<0.019	<0.025	<0.018	<0.016	<0.020	<0.021
MIBK	1,000	500	14	NT	<0.021	<0.030	<0.019	<0.025	<0.018	<0.016	<0.020	<0.021
Naphthalene	2,500	1,000	56	NT	<0.005	<0.006	<0.004	<0.005	<0.004	<0.004	<0.004	<0.005
n-Propylbenzene	1,000	500	14	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
Styrene	1,000	500	20	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
1,1,1,2-Tetrachloroethane	220	24	0.20	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
1,1,2,2-Tetrachloroethane	29	3.1	0.10	NT	<0.002	<0.002	<0.001	<0.002	<0.001	<0.001	<0.001	<0.002
Tetrachloroethylene	110	12	~	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
Tetrahydrofuran	~	~	~	NT	<0.011	<0.015	<0.010	<0.013	<0.009	<0.008	<0.010	<0.011
Toluene	1,000	500	67	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
1,2,3-Trichlorobenzene	~	~	~	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
1,2,4-Trichlorobenzene	2,500	680	14	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
1,3,5-Trichlorobenzene	~	~	~	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
1,1,1-Trichloroethane	1,000	500	40	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
1,1,2-Trichloroethane	100	11	1.0	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
Trichloroethylene	520	56	~	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	0.002	<0.003
Trichlorofluoromethane	1,000	500	260	NT	<0.011	<0.015	<0.010	<0.013	<0.009	<0.008	<0.010	<0.011
1,2,3-Trichloropropane	~	~	~	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
1,1,2-Trichloro-1,2,2-Trifluoroethane	~	~	~	NT	<0.011	<0.015	<0.010	<0.013	<0.009	<0.008	<0.010	<0.011
1,2,4-Trimethylbenzene	1,000	500	70	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
1,3,5-Trimethylbenzene	1,000	500	70	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003
Vinyl Chloride	3.0	0.32	0.40	NT	<0.011	<0.015	<0.010	<0.013	<0.009	<0.008	<0.010	<0.011
m + p Xylene	1,000	500	20	NT	<0.005	<0.006	<0.004	<0.005	<0.004	<0.004	<0.004	<0.005
o-Xylene	1,000	500	20	NT	<0.003	<0.003	<0.002	<0.003	<0.002	<0.002	<0.002	<0.003

TABLE 4A
SUMMARY OF SOIL SAMPLE ANALYTICAL DATA
FACTORY H SUPPLEMENTAL INVESTIGATION
MERIDEN, CONNECTICUT
AECOM ENVIRONMENT

Parameter	RSR DEC		RSR PMC	SAMPLING LOCATION								
	I/C DEC	RES DEC	GB PMC	TRIP BLANK 021709	ME-MW-02 13-14FT	ME-MW-02 4.5-5FT	ME-SB-01 0.5-1.5FT	ME-SB-01 8-9FT	ME-SB-02 1-2FT	ME-SB-02 8-9FT	ME-SB-03 1-2FT	ME-SB-03 7.5-8.5FT
8260 solid (mg/kg)												
Acetone	1,000	500	140	<0.10	NT	NT	NT	NT	NT	NT	NT	NT
Acrylonitrile	11	1.1	0.10	<0.006	NT	NT	NT	NT	NT	NT	NT	NT
tert-Amylmethyl Ether	~	~	~	<0.001	NT	NT	NT	NT	NT	NT	NT	NT
Benzene	200	21	0.20	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
Bromobenzene	~	~	~	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
Bromochloromethane	~	~	~	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
Bromodichloromethane	92	9.9	0.11	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
Bromoform	720	78	0.80	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
Bromomethane	1,000	95	2.0	<0.010	NT	NT	NT	NT	NT	NT	NT	NT
2-Butanone (MEK)	1,000	500	80	<0.040	NT	NT	NT	NT	NT	NT	NT	NT
tert-Butyl Alcohol	~	~	~	<0.040	NT	NT	NT	NT	NT	NT	NT	NT
n-Butylbenzene	1,000	500	14	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
sec-Butylbenzene	1,000	500	14	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
tert-Butylbenzene	1,000	500	14	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
tert-Butylethyl Ether	~	~	~	<0.001	NT	NT	NT	NT	NT	NT	NT	NT
Carbon Disulfide	1,000	500	140	<0.006	NT	NT	NT	NT	NT	NT	NT	NT
Carbon Tetrachloride	44	4.7	1.0	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
Chlorobenzene	1,000	500	20	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
Chlorodibromomethane	68	7.3	0.10	<0.001	NT	NT	NT	NT	NT	NT	NT	NT
Chloroethane	~	~	~	<0.020	NT	NT	NT	NT	NT	NT	NT	NT
Chloroform	940	100	1.2	<0.004	NT	NT	NT	NT	NT	NT	NT	NT
Chloromethane	440	47	0.54	<0.010	NT	NT	NT	NT	NT	NT	NT	NT
2-Chlorotoluene	~	~	~	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
4-Chlorotoluene	~	~	~	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
1,2-Dibromo-3-Chloropropane	4.1	0.44	~	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
1,2-Dibromoethane	0.067	0.007	~	<0.001	NT	NT	NT	NT	NT	NT	NT	NT
Dibromomethane	~	~	~	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
1,2-Dichlorobenzene	1,000	500	3.1	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
1,3-Dichlorobenzene	1,000	500	120	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
1,4-Dichlorobenzene	240	26	15	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
trans-1,4-Dichloro-2-Butene	~	~	~	<0.004	NT	NT	NT	NT	NT	NT	NT	NT
Dichlorodifluoromethane	~	~	~	<0.020	NT	NT	NT	NT	NT	NT	NT	NT
1,1-Dichloroethane	1,000	500	14	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
1,2-Dichloroethane	63	6.7	0.20	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
1,1-Dichloroethylene	9.5	1.0	1.4	<0.004	NT	NT	NT	NT	NT	NT	NT	NT
cis-1,2-Dichloroethylene	1,000	500	14	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
trans-1,2-Dichloroethylene	1,000	500	20	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
1,2-Dichloropropane	84	9.0	1.0	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
1,3-Dichloropropane	~	~	0.1	<0.001	NT	NT	NT	NT	NT	NT	NT	NT
2,2-Dichloropropane	~	~	~	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
1,1-Dichloropropene	~	~	~	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
cis-1,3-Dichloropropene	32	3.4	0.10	<0.001	NT	NT	NT	NT	NT	NT	NT	NT
trans-1,3-Dichloropropene	32	3.4	0.10	<0.001	NT	NT	NT	NT	NT	NT	NT	NT
Diethyl Ether	~	~	~	<0.020	NT	NT	NT	NT	NT	NT	NT	NT
Diisopropyl Ether	~	~	~	<0.020	NT	NT	NT	NT	NT	NT	NT	NT
1,4-Dioxane	~	~	~	<0.10	NT	NT	NT	NT	NT	NT	NT	NT
Ethyl Benzene	1,000	500	10	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
Hexachlorobutadiene	~	~	~	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
2-Hexanone	~	~	~	<0.020	NT	NT	NT	NT	NT	NT	NT	NT
Isopropylbenzene	1,000	500	130	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
p-Isopropyltoluene	1,000	500	14	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
MTBE	1,000	500	20	<0.004	NT	NT	NT	NT	NT	NT	NT	NT
Methylene Chloride	760	82	1.0	<0.020	NT	NT	NT	NT	NT	NT	NT	NT
MIBK	1,000	500	14	<0.020	NT	NT	NT	NT	NT	NT	NT	NT
Naphthalene	2,500	1,000	56	<0.004	NT	NT	NT	NT	NT	NT	NT	NT
n-Propylbenzene	1,000	500	14	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
Styrene	1,000	500	20	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
1,1,1,2-Tetrachloroethane	220	24	0.20	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
1,1,2,2-Tetrachloroethane	29	3.1	0.10	<0.001	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene	110	12	1.0	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
Tetrahydrofuran	~	~	~	<0.010	NT	NT	NT	NT	NT	NT	NT	NT
Toluene	1,000	500	67	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
1,2,3-Trichlorobenzene	~	~	~	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
1,2,4-Trichlorobenzene	2,500	680	14	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
1,3,5-Trichloroebenzene	~	~	~	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
1,1,1-Trichloroethane	1,000	500	40	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
1,1,2-Trichloroethane	100	11	1.0	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
Trichloroethylene	520	56	1.0	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
Trichlorofluoromethane	1,000	500	260	<0.010	NT	NT	NT	NT	NT	NT	NT	NT
1,2,3-Trichloropropane	~	~	~	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
1,1,2-Trichloro-1,2,2-Trifluoroethane	~	~	~	<0.010	NT	NT	NT	NT	NT	NT	NT	NT
1,2,4-Trimethylbenzene	1,000	500	70	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
1,3,5-Trimethylbenzene	1,000	500	70	<0.002	NT	NT	NT	NT	NT	NT	NT	NT
Vinyl Chloride	3.0	0.32	0.40	<0.010	NT	NT	NT	NT	NT	NT	NT	NT
m + p Xylene	1,000	500	20	<0.004	NT	NT	NT	NT	NT	NT	NT	NT
o-Xylene	1,000	500	20	<0.002	NT	NT	NT	NT	NT	NT	NT	NT

TABLE 4A
SUMMARY OF SOIL SAMPLE ANALYTICAL DATA
FACTORY H SUPPLEMENTAL INVESTIGATION
MERIDEN, CONNECTICUT
AECOM ENVIRONMENT

	RSR DEC		RSR PMC	SAMPLING LOCATION								
Parameter	I/C DEC	RES DEC	GB PMC	TRIP BLANK 021709	ME-MW-02 13-14FT	ME-MW-02 4.5-5FT	ME-SB-01 0.5-1.5FT	ME-SB-01 8-9FT	ME-SB-02 1-2FT	ME-SB-02 8-9FT	ME-SB-03 1-2FT	ME-SB-03 7.5-8.5FT
cu (mg/kg)dw icp (mg/kg dry wt)												
Copper	76,000	2,500	~	NT	NT	NT	NT	NT	NT	NT	NT	NT
cyanide-tot sldg (mg/kg dry wt)												
Cyanide	41,000	1,400	~	NT	<1.1	<0.81	1.7	2.7	<0.67	<0.89	<0.81	<0.64
etph dry weight (mg/kg dry weight)												
Extractable TPH (ETPH)	2,500	500	2,500	NT	<12	170	620	13	<11	<11	31	<12
metals(15pp)sicp (mg/kg dry wt)												
Antimony	8,200	27.0	1.20	NT	NT	<4.06	NT	<5.23	NT	NT	NT	NT
Arsenic	10.0	10.0	~	NT	<2.86	14.4	3.16	4.70	3.75	<2.63	6.71	<2.89
Barium	140,000	4,700	~	NT	28.7	66.4	80.5	282	96.3	90.7	224	173
Beryllium	2.00	2.00	~	NT	NT	0.41	NT	0.90	NT	NT	NT	NT
Cadmium	1,000	34.0	~	NT	<0.29	<0.26	0.31	0.37	0.28	<0.27	<0.28	<0.29
Chromium	~	~	~	NT	6.17	5.11	11.5	32.8	14.8	9.85	25.9	18.9
Copper	76,000	2,500	~	NT	NT	202	NT	31.7	NT	NT	NT	NT
Lead	1,000	400	~	NT	4.18	90.9	58.5	31.6	8.21	9.76	33.5	7.96
Mercury	610	20.0	~	NT	<0.014	0.099	0.089	0.105	<0.010	<0.014	0.053	0.022
Nickel	7,500	1,400	~	NT	NT	40.0	NT	13.2	NT	NT	NT	NT
Selenium	10,000	340	0.5	NT	NT	<5.08	NT	<6.54	NT	NT	NT	NT
Silver	10,000	340	~	NT	<0.58	82.2	1.83	<0.66	<0.52	<0.53	2.20	<0.58
Thallium	160	5.40	0.05	NT	NT	<3.05	NT	<3.93	NT	NT	NT	NT
Vanadium	14,000	470	~	NT	NT	12.1	NT	59.8	NT	NT	NT	NT
Zinc	610,000	20,000	~	NT	NT	85.3	NT	77.4	NT	NT	NT	NT
metals-8 slg icp (mg/kg dry wt)												
Arsenic	10.0	10.0	~	NT	<2.86	NT	3.16	NT	3.75	<2.63	6.71	<2.89
Barium	140,000	4,700	~	NT	28.7	NT	80.5	NT	96.3	90.7	224	173
Cadmium	1,000	34.0	~	NT	<0.29	NT	0.31	NT	0.28	<0.27	<0.28	<0.29
Chromium	~	~	~	NT	6.17	NT	11.5	NT	14.8	9.85	25.9	18.9
Lead	1,000	400	~	NT	4.18	NT	58.5	NT	8.21	9.76	33.5	7.96
Mercury	610	20.0	~	NT	<0.014	NT	0.089	NT	<0.010	<0.014	0.053	0.022
Selenium	10,000	340	0.5	NT	<5.71	NT	<5.30	NT	<5.11	<5.26	<5.52	<5.78
Silver	10,000	340	~	NT	<0.58	NT	1.83	NT	<0.52	<0.53	2.20	<0.58
splp - ag 6020 (ug/L)												
Silver	~	~	360	NT	NT	21.0	NT	NT	NT	NT	NT	NT
splp - as 6020 (ug/L)												
Arsenic	~	~	500	NT	NT	<2.00	NT	NT	NT	NT	NT	NT
splp - ba 6020 (ug/L)												
Barium	~	~	10,000	NT	NT	NT	NT	NT	NT	NT	NT	NT
splp - cr 6020 (ug/L)												
Chromium	~	~	500	NT	NT	NT	<100	NT	NT	NT	NT	NT
splp - cu 6020 (ug/L)												
Copper	~	~	13,000	NT	NT	NT	NT	NT	NT	NT	NT	NT
splp - cyanide (mg/l)												
Cyanide	~	~	2,000	NT	NT	NT	0.012	<0.010	NT	NT	NT	NT
splp - ni 6020 (ug/L)												
Nickel	~	~	1,000	NT	NT	<25.0	NT	NT	NT	NT	NT	NT
splp - pb 6020 (ug/L)												
Lead	~	~	150	NT	NT	19.2	<5.00	NT	NT	NT	NT	NT
splp - sb 6020 (ug/L)												
Antimony	~	~	60	NT	NT	<5.00	NT	NT	NT	NT	NT	NT
splp - se 6020 (ug/L)												
Selenium	~	~	500	NT	NT	NT	NT	NT	NT	NT	NT	NT
splp - tl 6020 (ug/L)												
Thallium	~	~	50	NT	NT	<1.00	NT	NT	NT	NT	NT	NT
splp - v 6020 (ug/L)												
Vanadium	~	~	500	NT	NT	<25.0	NT	NT	NT	NT	NT	NT
splp mercury (mg/l leachate)												
Mercury	~	~	20	NT	NT	NT	NT	NT	NT	NT	NT	NT

TABLE 4A
SUMMARY OF SOIL SAMPLE ANALYTICAL DATA
FACTORY H SUPPLEMENTAL INVESTIGATION
MERIDEN, CONNECTICUT
AECOM ENVIRONMENT

	RSR DEC		RSR PMC	SAMPLING LOCATION								
Parameter	**I/C DEC**	**RES DEC**	**GB PMC**	**TRIP BLANK 021709**	**ME-MW-02 13-14FT**	**ME-MW-02 4.5-5FT**	**ME-SB-01 0.5-1.5FT**	**ME-SB-01 8-9FT**	**ME-SB-02 1-2FT**	**ME-SB-02 8-9FT**	**ME-SB-03 1-2FT**	**ME-SB-03 7.5-8.5FT**
pah - sludge (mg/kg dry wt)												
Acenaphthene	2,500	1,000	84	NT	<0.191	0.200	0.515	<0.218	<0.171	<0.176	<0.184	<0.193
Acenaphthylene	2,500	1,000	84	NT	<0.191	<0.170	0.378	<0.218	<0.171	<0.176	<0.184	<0.193
Anthracene	2,500	1,000	400	NT	<0.191	<0.170	1.95	<0.218	<0.171	<0.176	<0.184	<0.193
Benzo(a)anthracene	7.8	1	1	NT	<0.191	0.778	**6.80**	<0.218	<0.171	<0.176	0.243	<0.193
Benzo(a)pyrene	1	1	1	NT	<0.191	0.407	**5.86**	<0.218	<0.171	<0.176	0.197	<0.193
Benzo(b)fluoranthene	7.8	1	1	NT	<0.191	0.478	**6.15**	<0.218	<0.171	<0.176	0.230	<0.193
Benzo(g,h,i)perylene	2,500	1,000	42	NT	<0.191	0.216	2.01	<0.218	<0.171	<0.176	<0.184	<0.193
Benzo(k)fluoranthene	78	8.40	1	NT	<0.191	<0.170	**2.14**	<0.218	<0.171	<0.176	<0.184	<0.193
Chrysene	780	84.0	1	NT	<0.191	**1.08**	**6.24**	<0.218	<0.171	<0.176	0.264	<0.193
Dibenz(a,h)anthracene	1	1	1	NT	<0.191	<0.170	0.850	<0.218	<0.171	<0.176	<0.184	<0.193
Fluoranthene	2,500	1,000	56	NT	<0.191	0.978	7.91	<0.218	<0.171	<0.176	0.441	<0.193
Fluorene	2,500	1,000	56	NT	<0.191	0.203	0.753	<0.218	<0.171	<0.176	<0.184	<0.193
Indeno(1,2,3-cd)pyrene	7.80	1	1.00	NT	<0.191	0.227	**2.76**	<0.218	<0.171	<0.176	<0.184	<0.193
2-Methylnaphthalene	2,500	474	9.8	NT	<0.191	0.257	1.05	<0.218	<0.171	<0.176	<0.184	<0.193
Naphthalene	2,500	1,000	56	NT	<0.191	0.867	5.46	1.70	<0.171	0.780	3.93	9.95
Phenanthrene	2,500	1,000	40	NT	<0.191	2.91	6.96	<0.218	<0.171	<0.176	0.356	<0.193
Pyrene	2,500	1,000	40	NT	<0.191	2.74	8.68	0.281	<0.171	<0.176	0.568	<0.193
pah - splp (ug/l)			(GA GWPC x 10)									
Acenaphthylene	~	~	4,200	NT	NT	NT	<0.30	NT	NT	NT	NT	NT
Anthracene	~	~	20,000	NT	NT	NT	0.20	NT	NT	NT	NT	NT
Benzo(a)anthracene	~	~	0.6	NT	NT	NT	0.210	NT	NT	NT	NT	NT
Benzo(a)pyrene	~	~	2	NT	NT	NT	0.200	NT	NT	NT	NT	NT
Benzo(b)fluoranthene	~	~	0.8	NT	NT	NT	0.200	NT	NT	NT	NT	NT
Chrysene	~	~	48	NT	NT	NT	<0.20	NT	NT	NT	NT	NT
Fluoranthene	~	~	2,800	NT	NT	NT	<0.50	NT	NT	NT	NT	NT
Phenanthrene	~	~	4,200	NT	NT	NT	0.56	NT	NT	NT	NT	NT
Pyrene	~	~	2,000	NT	NT	NT	<1.00	NT	NT	NT	NT	NT
pb (mg/kg)dw icp (mg/kg dry wt)												
Lead	1,000	400	~	NT	NT	NT	NT	NT	NT	NT	NT	NT
solids (percent) (%)												
Solids, total	~	~	~	NT	87.7	98.6	94.5	76.5	98.0	95.2	90.7	86.6

Notes:
1. An asterisk (*) following a detection limit indicates that the minumum laboratory reporting limit exceeds one o
2. NT = Not tested.
3. ~ = No Standard available
4. Shaded values exceed the RSR Residential Direct Exposure Criteria (RES DEC) for the parameter.
5. Shaded and bold border values exceed the RSR Industrial/Commercial Direct Exposure Criteria (I/C DEC) fo
6. Bolded values exceed the RSR GB Pollutant Mobility Criteria (GB PMC) for the parameter.
7. RSR criteria are in same units as analyte.
8. ND = Not detected above the reporting limit
9. Results are only compared to existing CT RSRs. No exceedances to revised CT RSRs are called out. Revis
   A summary of exceedance changes due to the revised RSRs is provided in Table 7.

TABLE 4A
SUMMARY OF SOIL SAMPLE ANALYTICAL DATA
FACTORY H SUPPLEMENTAL INVESTIGATION
MERIDEN, CONNECTICUT
AECOM ENVIRONMENT

Parameter	RSR DEC		RSR PMC	SAMPLE LOCATION				
	I/C DEC	RES DEC	GB PMC	ME-SB-04 0-1FT	ME-SB-04 8-9FT	ME-SB-05 0.5-1.5FT	ME-SB-05 5.5-6FT	TB 021909
Sampling Date				2/19/09	2/19/09	2/19/09	2/19/09	2/19/09
Sample Depth								
Laboratory Report Number				LIMT-23411	LIMT-23411	LIMT-23411	LIMT-23411	LIMT-23411
8260 dry weight (mg/kg dry wt)								
Acetone	1,000	500	140	<0.087	<0.094	<0.080	<0.11	NT
Acrylonitrile	11	1.1	0.10	<0.006	<0.006	<0.005	<0.007	NT
tert-Amylmethyl Ether	~	~	~	<0.001	<0.001	<0.001	<0.002	NT
Benzene	200	21	0.20	<0.002	<0.002	<0.002	<0.003	NT
Bromobenzene	~	~	~	<0.002	<0.002	<0.002	<0.003	NT
Bromochloromethane	~	~	~	<0.002	<0.002	<0.002	<0.003	NT
Bromodichloromethane	92	9.9	0.11	<0.002	<0.002	<0.002	<0.003	NT
Bromoform	720	78	0.80	<0.002	<0.002	<0.002	<0.003	NT
Bromomethane	1,000	95	2.0	<0.009	<0.010	<0.008	<0.011	NT
2-Butanone (MEK)	1,000	500	80	<0.035	<0.038	<0.032	<0.042	NT
tert-Butyl Alcohol	~	~	~	<0.035	<0.038	<0.032	<0.042	NT
n-Butylbenzene	1,000	500	14	<0.002	<0.002	<0.002	<0.003	NT
sec-Butylbenzene	1,000	500	14	<0.002	<0.002	<0.002	<0.003	NT
tert-Butylbenzene	1,000	500	14	<0.002	<0.002	<0.002	<0.003	NT
tert-Butylethyl Ether	~	~	~	<0.001	<0.001	<0.001	<0.002	NT
Carbon Disulfide	1,000	500	140	<0.006	<0.006	<0.005	<0.007	NT
Carbon Tetrachloride	44	4.7	1.0	<0.002	<0.002	<0.002	<0.003	NT
Chlorobenzene	1,000	500	20	<0.002	<0.002	<0.002	<0.003	NT
Chlorodibromomethane	68	7.3	0.10	<0.001	<0.001	<0.001	<0.002	NT
Chloroethane	~	~	~	<0.018	<0.019	<0.016	<0.021	NT
Chloroform	940	100	1.2	<0.004	<0.004	<0.004	<0.005	NT
Chloromethane	440	47	0.54	<0.009	<0.010	<0.008	<0.011	NT
2-Chlorotoluene	~	~	~	<0.002	<0.002	<0.002	<0.003	NT
4-Chlorotoluene	~	~	~	<0.002	<0.002	<0.002	<0.003	NT
1,2-Dibromo-3-Chloropropane	4.1	0.44	~	<0.002	<0.002	<0.002	<0.003	NT
1,2-Dibromoethane	0.067	0.007	~	<0.001	<0.001	<0.001	<0.002	NT
Dibromomethane	~	~	~	<0.002	<0.002	<0.002	<0.003	NT
1,2-Dichlorobenzene	1,000	500	3.1	<0.002	<0.002	<0.002	<0.003	NT
1,3-Dichlorobenzene	1,000	500	120	<0.002	<0.002	<0.002	<0.003	NT
1,4-Dichlorobenzene	240	26	15	<0.002	<0.002	<0.002	<0.003	NT
trans-1,4-Dichloro-2-Butene	~	~	~	<0.004	<0.004	<0.004	<0.005	NT
Dichlorodifluoromethane	~	~	~	<0.018	<0.019	<0.016	<0.021	NT
1,1-Dichloroethane	1,000	500	14	<0.002	<0.002	<0.002	<0.003	NT
1,2-Dichloroethane	63	6.7	0.20	<0.002	<0.002	<0.002	<0.003	NT
1,1-Dichloroethylene	9.5	1.0	1.4	<0.004	<0.004	<0.004	<0.005	NT
cis-1,2-Dichloroethylene	1,000	500	14	<0.002	<0.002	<0.002	<0.003	NT
trans-1,2-Dichloroethylene	1,000	500	20	<0.002	<0.002	<0.002	<0.003	NT
1,2-Dichloropropane	84	9.0	1.0	<0.002	<0.002	<0.002	<0.003	NT
1,3-Dichloropropane	~	~	0.1	<0.001	<0.001	<0.001	<0.002	NT
2,2-Dichloropropane	~	~	~	<0.002	<0.002	<0.002	<0.003	NT
1,1-Dichloropropene	~	~	~	<0.002	<0.002	<0.002	<0.003	NT
cis-1,3-Dichloropropene	32	3.4	0.10	<0.001	<0.001	<0.001	<0.002	NT
trans-1,3-Dichloropropene	32	3.4	0.10	<0.001	<0.001	<0.001	<0.002	NT
Diethyl Ether	~	~	~	<0.018	<0.019	<0.016	<0.021	NT
Diisopropyl Ether	~	~	~	<0.001	<0.001	<0.001	<0.002	NT
1,4-Dioxane	~	~	~	<0.087	<0.094	<0.080	<0.11	NT
Ethyl Benzene	1,000	500	10	<0.002	<0.002	<0.002	<0.003	NT
Hexachlorobutadiene	~	~	~	<0.002	<0.002	<0.002	<0.003	NT
2-Hexanone	~	~	~	<0.018	<0.019	<0.016	<0.021	NT
Isopropylbenzene	1,000	500	130	<0.002	<0.002	<0.002	<0.003	NT
p-Isopropyltoluene	1,000	500	14	<0.002	<0.002	<0.002	<0.003	NT
MTBE	1,000	500	20	<0.004	<0.004	<0.004	<0.005	NT
Methylene Chloride	760	82	1.0	<0.018	<0.019	<0.016	<0.021	NT
MIBK	1,000	500	14	<0.018	<0.019	<0.016	<0.021	NT
Naphthalene	2,500	1,000	56	<0.004	<0.004	<0.004	<0.005	NT
n-Propylbenzene	1,000	500	14	<0.002	<0.002	<0.002	<0.003	NT
Styrene	1,000	500	20	<0.002	<0.002	<0.002	<0.003	NT
1,1,1,2-Tetrachloroethane	220	24	0.20	<0.002	<0.002	<0.002	<0.003	NT
1,1,2,2-Tetrachloroethane	29	3.1	0.10	<0.001	<0.001	<0.001	<0.002	NT
Tetrachloroethylene	110	12	~	<0.002	<0.002	<0.002	<0.003	NT
Tetrahydrofuran	~	~	~	<0.009	<0.010	<0.008	<0.011	NT
Toluene	1,000	500	67	<0.002	<0.002	<0.002	<0.003	NT
1,2,3-Trichlorobenzene	~	~	~	<0.002	<0.002	<0.002	<0.003	NT
1,2,4-Trichlorobenzene	2,500	680	14	<0.002	<0.002	<0.002	<0.003	NT
1,3,5-Trichlorobenzene	~	~	~	<0.002	<0.002	<0.002	<0.003	NT
1,1,1-Trichloroethane	1,000	500	40	<0.002	<0.002	<0.002	<0.003	NT
1,1,2-Trichloroethane	100	11	1.0	<0.002	<0.002	<0.002	<0.003	NT
Trichloroethylene	520	56	~	<0.002	<0.002	<0.002	<0.003	NT
Trichlorofluoromethane	1,000	500	260	<0.009	<0.010	<0.008	<0.011	NT
1,2,3-Trichloropropane	~	~	~	<0.002	<0.002	<0.002	<0.003	NT
1,1,2-Trichloro-1,2,2-Trifluoroethane	~	~	~	<0.009	<0.010	<0.008	<0.011	NT
1,2,4-Trimethylbenzene	1,000	500	70	<0.002	<0.002	<0.002	<0.003	NT
1,3,5-Trimethylbenzene	1,000	500	70	<0.002	<0.002	<0.002	<0.003	NT
Vinyl Chloride	3.0	0.32	0.40	<0.009	<0.010	<0.008	<0.011	NT
m + p Xylene	1,000	500	20	<0.004	<0.004	<0.004	<0.005	NT
o-Xylene	1,000	500	20	<0.002	<0.002	<0.002	<0.003	NT

TABLE 4A
SUMMARY OF SOIL SAMPLE ANALYTICAL DATA
FACTORY H SUPPLEMENTAL INVESTIGATION
MERIDEN, CONNECTICUT
AECOM ENVIRONMENT

Parameter	RSR DEC		RSR PMC	SAMPLE LOCATION				
	I/C DEC	RES DEC	GB PMC	ME-SB-04 0-1FT	ME-SB-04 8-9FT	ME-SB-05 0.5-1.5FT	ME-SB-05 5.5-6FT	TB 021909
8260 solid (mg/kg)								
Acetone	1,000	500	140	NT	NT	NT	NT	<0.10
Acrylonitrile	11	1.1	0.10	NT	NT	NT	NT	<0.006
tert-Amylmethyl Ether	~	~	~	NT	NT	NT	NT	<0.001
Benzene	200	21	0.20	NT	NT	NT	NT	<0.002
Bromobenzene	~	~	~	NT	NT	NT	NT	<0.002
Bromochloromethane	~	~	~	NT	NT	NT	NT	<0.002
Bromodichloromethane	92	9.9	0.11	NT	NT	NT	NT	<0.002
Bromoform	720	78	0.80	NT	NT	NT	NT	<0.002
Bromomethane	1,000	95	2.0	NT	NT	NT	NT	<0.010
2-Butanone (MEK)	1,000	500	80	NT	NT	NT	NT	<0.040
tert-Butyl Alcohol	~	~	~	NT	NT	NT	NT	<0.040
n-Butylbenzene	1,000	500	14	NT	NT	NT	NT	<0.002
sec-Butylbenzene	1,000	500	14	NT	NT	NT	NT	<0.002
tert-Butylbenzene	1,000	500	14	NT	NT	NT	NT	<0.002
tert-Butylethyl Ether	~	~	~	NT	NT	NT	NT	<0.001
Carbon Disulfide	1,000	500	140	NT	NT	NT	NT	<0.006
Carbon Tetrachloride	44	4.7	1.0	NT	NT	NT	NT	<0.002
Chlorobenzene	1,000	500	20	NT	NT	NT	NT	<0.002
Chlorodibromomethane	68	7.3	0.10	NT	NT	NT	NT	<0.001
Chloroethane	~	~	~	NT	NT	NT	NT	<0.020
Chloroform	940	100	1.2	NT	NT	NT	NT	<0.004
Chloromethane	440	47	0.54	NT	NT	NT	NT	<0.010
2-Chlorotoluene	~	~	~	NT	NT	NT	NT	<0.002
4-Chlorotoluene	~	~	~	NT	NT	NT	NT	<0.002
1,2-Dibromo-3-Chloropropane	4.1	0.44	~	NT	NT	NT	NT	<0.002
1,2-Dibromoethane	0.067	0.007	~	NT	NT	NT	NT	<0.001
Dibromomethane	~	~	~	NT	NT	NT	NT	<0.002
1,2-Dichlorobenzene	1,000	500	3.1	NT	NT	NT	NT	<0.002
1,3-Dichlorobenzene	1,000	500	120	NT	NT	NT	NT	<0.002
1,4-Dichlorobenzene	240	26	15	NT	NT	NT	NT	<0.002
trans-1,4-Dichloro-2-Butene	~	~	~	NT	NT	NT	NT	<0.004
Dichlorodifluoromethane	~	~	~	NT	NT	NT	NT	<0.020
1,1-Dichloroethane	1,000	500	14	NT	NT	NT	NT	<0.002
1,2-Dichloroethane	63	6.7	0.20	NT	NT	NT	NT	<0.002
1,1-Dichloroethylene	9.5	1.0	1.4	NT	NT	NT	NT	<0.004
cis-1,2-Dichloroethylene	1,000	500	14	NT	NT	NT	NT	<0.002
trans-1,2-Dichloroethylene	1,000	500	20	NT	NT	NT	NT	<0.002
1,2-Dichloropropane	84	9.0	1.0	NT	NT	NT	NT	<0.002
1,3-Dichloropropane	~	~	0.1	NT	NT	NT	NT	<0.001
2,2-Dichloropropane	~	~	~	NT	NT	NT	NT	<0.002
1,1-Dichloropropene	~	~	~	NT	NT	NT	NT	<0.002
cis-1,3-Dichloropropene	32	3.4	0.10	NT	NT	NT	NT	<0.001
trans-1,3-Dichloropropene	32	3.4	0.10	NT	NT	NT	NT	<0.001
Diethyl Ether	~	~	~	NT	NT	NT	NT	<0.020
Diisopropyl Ether	~	~	~	NT	NT	NT	NT	<0.020
1,4-Dioxane	~	~	~	NT	NT	NT	NT	<0.10
Ethyl Benzene	1,000	500	10	NT	NT	NT	NT	<0.002
Hexachlorobutadiene	~	~	~	NT	NT	NT	NT	<0.002
2-Hexanone	~	~	~	NT	NT	NT	NT	<0.020
Isopropylbenzene	1,000	500	130	NT	NT	NT	NT	<0.002
p-Isopropyltoluene	1,000	500	14	NT	NT	NT	NT	<0.002
MTBE	1,000	500	20	NT	NT	NT	NT	<0.004
Methylene Chloride	760	82	1.0	NT	NT	NT	NT	<0.020
MIBK	1,000	500	14	NT	NT	NT	NT	<0.020
Naphthalene	2,500	1,000	56	NT	NT	NT	NT	<0.004
n-Propylbenzene	1,000	500	14	NT	NT	NT	NT	<0.002
Styrene	1,000	500	20	NT	NT	NT	NT	<0.002
1,1,1,2-Tetrachloroethane	220	24	0.20	NT	NT	NT	NT	<0.002
1,1,2,2-Tetrachloroethane	29	3.1	0.10	NT	NT	NT	NT	<0.001
Tetrachloroethylene	110	12	1.0	NT	NT	NT	NT	<0.002
Tetrahydrofuran	~	~	~	NT	NT	NT	NT	<0.010
Toluene	1,000	500	67	NT	NT	NT	NT	<0.002
1,2,3-Trichlorobenzene	~	~	~	NT	NT	NT	NT	<0.002
1,2,4-Trichlorobenzene	2,500	680	14	NT	NT	NT	NT	<0.002
1,3,5-Trichloroebenzene	~	~	~	NT	NT	NT	NT	<0.002
1,1,1-Trichloroethane	1,000	500	40	NT	NT	NT	NT	<0.002
1,1,2-Trichloroethane	100	11	1.0	NT	NT	NT	NT	<0.002
Trichloroethylene	520	56	1.0	NT	NT	NT	NT	<0.002
Trichlorofluoromethane	1,000	500	260	NT	NT	NT	NT	<0.010
1,2,3-Trichloropropane	~	~	~	NT	NT	NT	NT	<0.002
1,1,2-Trichloro-1,2,2-Trifluoroethane	~	~	~	NT	NT	NT	NT	<0.010
1,2,4-Trimethylbenzene	1,000	500	70	NT	NT	NT	NT	<0.002
1,3,5-Trimethylbenzene	1,000	500	70	NT	NT	NT	NT	<0.002
Vinyl Chloride	3.0	0.32	0.40	NT	NT	NT	NT	<0.010
m + p Xylene	1,000	500	20	NT	NT	NT	NT	<0.004
o-Xylene	1,000	500	20	NT	NT	NT	NT	<0.002

TABLE 4A
SUMMARY OF SOIL SAMPLE ANALYTICAL DATA
FACTORY H SUPPLEMENTAL INVESTIGATION
MERIDEN, CONNECTICUT
AECOM ENVIRONMENT

	RSR DEC		RSR PMC	SAMPLE LOCATION				
Parameter	I/C DEC	RES DEC	GB PMC	ME-SB-04 0-1FT	ME-SB-04 8-9FT	ME-SB-05 0.5-1.5FT	ME-SB-05 5.5-6FT	TB 021909
cu (mg/kg)dw icp (mg/kg dry wt)								
Copper	76,000	2,500	~	NT	NT	NT	NT	NT
cyanide-tot sldg (mg/kg dry wt)								
Cyanide	41,000	1,400	~	<0.90	<0.94	<0.82	<0.98	NT
etph dry weight (mg/kg dry weight)								
Extractable TPH (ETPH)	2,500	500	2,500	<11	<12	55	73	NT
metals(15pp)sicp (mg/kg dry wt)								
Antimony	8,200	27.0	1.20	NT	NT	<4.08	NT	NT
Arsenic	10.0	10.0	~	5.36	3.08	4.80	7.10	NT
Barium	140,000	4,700	~	249	105	178	256	NT
Beryllium	2.00	2.00	~	NT	NT	0.53	NT	NT
Cadmium	1,000	34.0	~	0.35	<0.28	0.26	0.55	NT
Chromium	~	~	~	19.8	16.4	19.7	26.3	NT
Copper	76,000	2,500	~	NT	NT	350	NT	NT
Lead	1,000	400	~	12.7	6.28	129	454	NT
Mercury	610	20.0	~	0.010	<0.012	0.307	2.07	NT
Nickel	7,500	1,400	~	NT	NT	72.7	NT	NT
Selenium	10,000	340	0.5	NT	NT	<5.10	NT	NT
Silver	10,000	340	~	<0.52	<0.56	4.47	9.77	NT
Thallium	160	5.40	0.05	NT	NT	<3.06	NT	NT
Vanadium	14,000	470	~	NT	NT	39.1	NT	NT
Zinc	610,000	20,000	~	NT	NT	144	NT	NT
metals-8 slg icp (mg/kg dry wt)								
Arsenic	10.0	10.0	~	5.36	3.08	NT	7.10	NT
Barium	140,000	4,700	~	249	105	NT	256	NT
Cadmium	1,000	34.0	~	0.35	<0.28	NT	0.55	NT
Chromium	~	~	~	19.8	16.4	NT	26.3	NT
Lead	1,000	400	~	12.7	6.28	NT	454	NT
Mercury	610	20.0	~	0.010	<0.012	NT	2.07	NT
Selenium	10,000	340	0.5	<5.17	<5.58	NT	<7.08	NT
Silver	10,000	340	~	<0.52	<0.56	NT	9.77	NT
splp - ag 6020 (ug/L)								
Silver	~	~	360	NT	NT	NT	<2.50	NT
splp - as 6020 (ug/L)								
Arsenic	~	~	500	NT	NT	NT	NT	NT
splp - ba 6020 (ug/L)								
Barium	~	~	10,000	NT	NT	NT	<250	NT
splp - cr 6020 (ug/L)								
Chromium	~	~	500	NT	NT	NT	<50.0	NT
splp - cu 6020 (ug/L)								
Copper	~	~	13,000	NT	NT	NT	NT	NT
splp - cyanide (mg/l)								
Cyanide	~	~	2,000	NT	NT	NT	NT	NT
splp - ni 6020 (ug/L)								
Nickel	~	~	1,000	NT	NT	NT	NT	NT
splp - pb 6020 (ug/L)								
Lead	~	~	150	NT	NT	NT	21.6	NT
splp - sb 6020 (ug/L)								
Antimony	~	~	60	NT	NT	NT	NT	NT
splp - se 6020 (ug/L)								
Selenium	~	~	500	NT	NT	NT	NT	NT
splp - tl 6020 (ug/L)								
Thallium	~	~	50	NT	NT	NT	NT	NT
splp - v 6020 (ug/L)								
Vanadium	~	~	500	NT	NT	NT	NT	NT
splp mercury (mg/l leachate)								
Mercury	~	~	20	NT	NT	NT	<0.00010	NT

TABLE 4A
SUMMARY OF SOIL SAMPLE ANALYTICAL DATA
FACTORY H SUPPLEMENTAL INVESTIGATION
MERIDEN, CONNECTICUT
AECOM ENVIRONMENT

Parameter	RSR DEC		RSR PMC	SAMPLE LOCATION				
	I/C DEC	RES DEC	GB PMC	ME-SB-04 0-1FT	ME-SB-04 8-9FT	ME-SB-05 0.5-1.5FT	ME-SB-05 5.5-6FT	TB 021909
pah - sludge (mg/kg dry wt)								
Acenaphthene	2,500	1,000	84	<0.173	<0.186	<0.170	<0.236	NT
Acenaphthylene	2,500	1,000	84	<0.173	<0.186	<0.170	<0.236	NT
Anthracene	2,500	1,000	400	<0.173	<0.186	<0.170	<0.236	NT
Benzo(a)anthracene	7.8	1	1	<0.173	<0.186	<0.170	<0.236	NT
Benzo(a)pyrene	1	1	1	<0.173	<0.186	<0.170	<0.236	NT
Benzo(b)fluoranthene	7.8	1	1	<0.173	<0.186	<0.170	<0.236	NT
Benzo(g,h,i)perylene	2,500	1,000	42	<0.173	<0.186	<0.170	<0.236	NT
Benzo(k)fluoranthene	78	8.40	1	<0.173	<0.186	<0.170	<0.236	NT
Chrysene	780	84.0	1	<0.173	<0.186	0.179	<0.236	NT
Dibenz(a,h)anthracene	1	1	1	<0.173	<0.186	<0.170	<0.236	NT
Fluoranthene	2,500	1,000	56	<0.173	<0.186	0.177	<0.236	NT
Fluorene	2,500	1,000	56	<0.173	<0.186	<0.170	<0.236	NT
Indeno(1,2,3-cd)pyrene	7.80	1	1.00	<0.173	<0.186	<0.170	<0.236	NT
2-Methylnaphthalene	2,500	474	9.8	<0.173	<0.186	<0.170	<0.236	NT
Naphthalene	2,500	1,000	56	<0.173	1.23	1.28	<0.236	NT
Phenanthrene	2,500	1,000	40	<0.173	<0.186	<0.170	<0.236	NT
Pyrene	2,500	1,000	40	<0.173	<0.186	0.302	0.322	NT
pah - splp (ug/l)			(GA GWPC x 10)					
Acenaphthylene	~	~	4,200	NT	NT	NT	NT	NT
Anthracene	~	~	20,000	NT	NT	NT	NT	NT
Benzo(a)anthracene	~	~	0.6	NT	NT	NT	NT	NT
Benzo(a)pyrene	~	~	2	NT	NT	NT	NT	NT
Benzo(b)fluoranthene	~	~	0.8	NT	NT	NT	NT	NT
Chrysene	~	~	48	NT	NT	NT	NT	NT
Fluoranthene	~	~	2,800	NT	NT	NT	NT	NT
Phenanthrene	~	~	4,200	NT	NT	NT	NT	NT
Pyrene	~	~	2,000	NT	NT	NT	NT	NT
pb (mg/kg)dw icp (mg/kg dry wt)								
Lead	1,000	400	~	NT	NT	NT	NT	NT
solids (percent) (%)								
Solids, total	~	~	~	96.8	89.7	98.2	70.7	NT

Notes:
1. An asterisk (*) following a detection limit indicates that the minumum laboratory reporting limit exceeds one o
2. NT = Not tested.
3. ~ = No Standard available
4. Shaded values exceed the RSR Residential Direct Exposure Criteria (RES DEC) for the parameter.
5. Shaded and bold border values exceed the RSR Industrial/Commercial Direct Exposure Criteria (I/C DEC) fo
6. Bolded values exceed the RSR GB Pollutant Mobility Criteria (GB PMC) for the parameter.
7. RSR criteria are in same units as analyte.
8. ND = Not detected above the reporting limit
9. Results are only compared to existing CT RSRs. No exceedances to revised CT RSRs are called out. Revis
   A summary of exceedance changes due to the revised RSRs is provided in Table 7.

TABLE 4B
SUMMARY OF SOIL SAMPLE ANALYTICAL DATA
FACTORY H SUPPLEMENTAL INVESTIGATION
MERIDEN, CONNECTICUT
AECOM ENVIRONMENT

	RSR DEC		RSR PMC	SAMPLING LOCATION														
Parameter	**I/C DEC**	**RES DEC**	**GA PMC**	**ME-SB-08 2-3FT**	**ME-SB-08 5-6FT**	**ME-SB-09 3-4FT**	**ME-SB-09 3-4FT DUP**	**ME-SB-09 8-9FT**	**ME-SB-10 1-2FT**	**ME-SB-10 13-14FT**	**ME-SB-11 12-13FT**	**ME-SB-11 3-4FT**	**ME-SB-11 3-4FT DUP**	**ME-SB-12 3-4FT**	**ME-SB-12 6.5-7.5FT**	**ME-SB-13 3-4FT**	**ME-SB-13 8-9FT**	**TRIP BLANK**
Sampling Date				3/31/09	3/31/09	3/31/09	3/31/09	3/31/09	3/31/09	3/31/09	3/31/09	3/31/09	3/31/09	3/31/09	3/31/09	3/31/09	3/31/09	3/31/09
Sample Depth																		
Laboratory Report Number				LIMT-24388	LIMT-24388	LIMT-24388	LIMT-24388	LIMT-24388	LIMT-24388	LIMT-24388	LIMT-24388	LIMT-24388	LIMT-24388	LIMT-24388	LIMT-24388	LIMT-24388	LIMT-24388	LIMT-24388
8082 dry 3540 (mg/kg dry wt)																		
PCB 1016	10.0	1.00	~	<0.114	NT	<0.120	<0.120	NT	<0.115	NT	NT	<0.126	<0.129	<0.122	NT	<0.121	NT	NT
PCB-1221	10.0	1.00	~	<0.114	NT	<0.120	<0.120	NT	<0.115	NT	NT	<0.126	<0.129	<0.122	NT	<0.121	NT	NT
PCB-1232	10.0	1.00	~	<0.114	NT	<0.120	<0.120	NT	<0.115	NT	NT	<0.126	<0.129	<0.122	NT	<0.121	NT	NT
PCB-1242	10.0	1.00	~	<0.114	NT	<0.120	<0.120	NT	<0.115	NT	NT	<0.126	<0.129	<0.122	NT	<0.121	NT	NT
PCB-1248	10.0	1.00	~	<0.114	NT	<0.120	<0.120	NT	<0.115	NT	NT	<0.126	<0.129	<0.122	NT	<0.121	NT	NT
PCB-1254	10.0	1.00	~	<0.114	NT	<0.120	<0.120	NT	<0.115	NT	NT	<0.126	<0.129	<0.122	NT	<0.121	NT	NT
PCB-1260	10.0	1.00	~	<0.114	NT	<0.120	<0.120	NT	<0.115	NT	NT	<0.126	<0.129	<0.122	NT	<0.121	NT	NT
PCB 1262	10.0	1.00	~	<0.114	NT	<0.120	<0.120	NT	<0.115	NT	NT	<0.126	<0.129	<0.122	NT	<0.121	NT	NT
PCB 1268	10.0	1.00	~	<0.114	NT	<0.120	<0.120	NT	<0.115	NT	NT	<0.126	<0.129	<0.122	NT	<0.121	NT	NT
8260 dry weight (mg/kg dry wt)																		
Acetone	1,000	500	14	<0.073	<0.088	<0.075	<0.078	<0.076	<0.085	<0.074	<0.062	<0.081	<0.096	<0.081	<0.11	<0.081	<0.066	NT
Acrylonitrile	11	1.1	0.010	<0.008	<0.009	<0.008	<0.008	<0.008	<0.009	<0.008	<0.007	<0.009	<0.010	<0.009	**<0.011***	<0.009	<0.007	NT
tert-Amylmethyl Ether	~	~	~	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	NT
Benzene	200	21	0.020	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
Bromobenzene	~	~	~	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
Bromochloromethane	~	~	~	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
Bromodichloromethane	92	9.9	0.011	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
Bromoform	720	78	0.080	<0.008	<0.009	<0.008	<0.008	<0.008	<0.009	<0.008	<0.007	<0.009	<0.010	<0.009	<0.011	<0.009	<0.007	NT
Bromomethane	1,000	95	0.20	<0.008	<0.009	<0.008	<0.008	<0.008	<0.009	<0.008	<0.007	<0.009	<0.010	<0.009	<0.011	<0.009	<0.007	NT
2-Butanone (MEK)	1,000	500	8.0	<0.030	<0.036	<0.030	<0.032	<0.031	<0.034	<0.030	<0.025	<0.033	<0.039	<0.033	<0.041	<0.033	<0.027	NT
tert-Butyl Alcohol	~	~	~	<0.030	<0.036	<0.030	<0.032	<0.031	<0.034	<0.030	<0.025	<0.033	<0.039	<0.033	<0.041	<0.033	<0.027	NT
n-Butylbenzene	1,000	500	1.4	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
sec-Butylbenzene	1,000	500	1.4	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
tert-Butylbenzene	1,000	500	1.4	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
tert-Butylethyl Ether	~	~	~	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	NT
Carbon Disulfide	1,000	500	14	<0.005	<0.006	<0.005	<0.005	<0.005	<0.006	<0.005	<0.004	<0.005	<0.006	<0.005	<0.007	<0.005	<0.004	NT
Carbon Tetrachloride	44	4.7	0.10	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
Chlorobenzene	1,000	500	2.0	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
Chlorodibromomethane	68	7.3	0.010	<0.008	<0.009	<0.008	<0.008	<0.008	<0.009	<0.008	<0.007	<0.009	<0.010	<0.009	**<0.011***	<0.009	<0.007	NT
Chloroethane	~	~	~	<0.015	<0.018	<0.015	<0.016	<0.016	<0.017	<0.015	<0.013	<0.017	<0.020	<0.017	<0.021	<0.017	<0.014	NT
Chloroform	940	100	0.12	<0.003	<0.004	<0.003	<0.004	<0.004	<0.004	<0.003	<0.003	<0.004	<0.004	<0.004	<0.005	<0.004	<0.003	NT
Chloromethane	440	47	0.054	<0.008	<0.009	<0.008	<0.008	<0.008	<0.009	<0.008	<0.007	<0.009	<0.010	<0.009	<0.011	<0.009	<0.007	NT
2-Chlorotoluene	~	~	~	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
4-Chlorotoluene	~	~	~	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
1,2-Dibromo-3-Chloropropane	4.1	0.44	~	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
1,2-Dibromoethane	0.067	0.007	0.010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	NT
Dibromomethane	~	~	~	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
1,2-Dichlorobenzene	1,000	500	3.1	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
1,3-Dichlorobenzene	1,000	500	12	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
1,4-Dichlorobenzene	240	26	1.5	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
trans-1,4-Dichloro-2-Butene	~	~	~	<0.003	<0.004	<0.003	<0.004	<0.004	<0.004	<0.003	<0.003	<0.004	<0.004	<0.004	<0.005	<0.004	<0.003	NT
Dichlorodifluoromethane	~	~	~	<0.015	<0.018	<0.015	<0.016	<0.016	<0.017	<0.015	<0.013	<0.017	<0.020	<0.017	<0.021	<0.017	<0.014	NT
1,1-Dichloroethane	1,000	500	1.4	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
1,2-Dichloroethane	63	6.7	0.020	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
1,1-Dichloroethylene	9.5	1.0	0.14	<0.003	<0.004	<0.003	<0.004	<0.004	<0.004	<0.003	<0.003	<0.004	<0.004	<0.004	<0.005	<0.004	<0.003	NT
cis-1,2-Dichloroethylene	1,000	500	1.4	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
trans-1,2-Dichloroethylene	1,000	500	2.0	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
1,2-Dichloropropane	84	9.0	0.10	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
1,3-Dichloropropane	~	~	~	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	NT
2,2-Dichloropropane	~	~	~	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
1,1-Dichloropropene	~	~	~	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
cis-1,3-Dichloropropene	32	3.4	0.010	<0.008	<0.009	<0.008	<0.008	<0.008	<0.009	<0.008	<0.007	<0.009	<0.010	<0.009	**<0.011***	<0.009	<0.007	NT
trans-1,3-Dichloropropene	32	3.4	0.010	<0.008	<0.009	<0.008	<0.008	<0.008	<0.009	<0.008	<0.007	<0.009	<0.010	<0.009	**<0.011***	<0.009	<0.007	NT
Diethyl Ether	~	~	~	<0.015	<0.018	<0.015	<0.016	<0.016	<0.017	<0.015	<0.013	<0.017	<0.020	<0.017	<0.021	<0.017	<0.014	NT
Diisopropyl Ether	~	~	~	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	NT
1,4-Dioxane	~	~	~	<0.073	<0.088	<0.075	<0.078	<0.076	<0.085	<0.074	<0.062	<0.081	<0.096	<0.081	<0.11	<0.081	<0.066	NT
Ethyl Benzene	1,000	500	10	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
Hexachlorobutadiene	~	~	~	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
2-Hexanone	~	~	~	<0.015	<0.018	<0.015	<0.016	<0.016	<0.017	<0.015	<0.013	<0.017	<0.020	<0.017	<0.021	<0.017	<0.014	NT
Isopropylbenzene	1,000	500	0.60	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
p-Isopropyltoluene	1,000	500	1.4	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
MTBE	1,000	500	2.0	<0.003	<0.004	<0.003	<0.004	<0.004	<0.004	<0.003	<0.003	<0.004	<0.004	<0.004	<0.005	<0.004	<0.003	NT
Methylene Chloride	760	82	0.10	<0.015	<0.018	<0.015	<0.016	<0.016	<0.017	<0.015	<0.013	<0.017	<0.020	<0.017	<0.021	<0.017	<0.014	NT
MIBK	1,000	500	7.0	<0.015	<0.018	<0.015	<0.016	<0.016	<0.017	<0.015	<0.013	<0.017	<0.020	<0.017	<0.021	<0.017	<0.014	NT
Naphthalene	2,500	1,000	5.6	<0.008	<0.009	<0.008	<0.008	<0.008	<0.009	<0.008	<0.007	<0.009	<0.010	<0.009	<0.011	0.045	<0.007	NT
n-Propylbenzene	1,000	500	1.4	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
Styrene	1,000	500	2.0	<0.008	<0.009	<0.008	<0.008	<0.008	<0.009	<0.008	<0.007	<0.009	<0.010	<0.009	<0.011	<0.009	<0.007	NT
1,1,1,2-Tetrachloroethane	220	24	0.020	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
1,1,2,2-Tetrachloroethane	29	3.1	0.010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	NT
Tetrachloroethylene	110	12	0.10	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
Tetrahydrofuran	~	~	~	<0.008	<0.009	<0.008	<0.008	<0.008	<0.009	<0.008	<0.007	<0.009	<0.010	<0.009	<0.011	<0.009	<0.007	NT
Toluene	1,000	500	20	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
1,2,3-Trichlorobenzene	~	~	~	<0.008	<0.009	<0.008	<0.008	<0.008	<0.009	<0.008	<0.007	<0.009	<0.010	<0.009	<0.011	<0.009	<0.007	NT
1,2,4-Trichlorobenzene	2,500	680	1.4	<0.003	<0.004	<0.003	<0.004	<0.004	<0.004	<0.003	<0.003	<0.004	<0.004	<0.004	<0.005	<0.004	<0.003	NT
1,3,5-Trichlorobenzene	~	~	~	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
1,1,1-Trichloroethane	1,000	500	4.0	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
1,1,2-Trichloroethane	100	11	0.10	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
Trichloroethylene	520	56	0.10	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
Trichlorofluoromethane	1,000	500	26	<0.008	<0.009	<0.008	<0.008	<0.008	<0.009	<0.008	<0.007	<0.009	<0.010	<0.009	<0.011	<0.009	<0.007	NT
1,2,3-Trichloropropane	~	~	~	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
1,1,2-Trichloro-1,2,2-Trifluoroethane	~	~	~	<0.008	<0.009	<0.008	<0.008	<0.008	<0.009	<0.008	<0.007	<0.009	<0.010	<0.009	<0.011	<0.009	<0.007	NT
1,2,4-Trimethylbenzene	1,000	500	7.0	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
1,3,5-Trimethylbenzene	1,000	500	7.0	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT
Vinyl Chloride	3.0	0.32	0.040	<0.008	<0.009	<0.008	<0.008	<0.008	<0.009	<0.008	<0.007	<0.009	<0.010	<0.009	<0.011	<0.009	<0.007	NT
m + p Xylene	1,000	500	20	<0.003	<0.004	<0.003	<0.004	<0.004	<0.004	<0.003	<0.003	<0.004	<0.004	<0.004	<0.005	<0.004	<0.003	NT
o-Xylene	1,000	500	20	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002	NT

TABLE 4B
SUMMARY OF SOIL SAMPLE ANALYTICAL DATA
FACTORY H SUPPLEMENTAL INVESTIGATION
MERIDEN, CONNECTICUT
AECOM ENVIRONMENT

	RSR DEC		RSR PMC	SAMPLING LOCATION														
Parameter	I/C DEC	RES DEC	GA PMC	ME-SB-08 2-3FT	ME-SB-08 5-6FT	ME-SB-09 3-4FT	ME-SB-09 3-4FT DUP	ME-SB-09 8-9FT	ME-SB-10 1-2FT	ME-SB-10 13-14FT	ME-SB-11 12-13FT	ME-SB-11 3-4FT	ME-SB-11 3-4FT DUP	ME-SB-12 3-4FT	ME-SB-12 6.5-7.5FT	ME-SB-13 3-4FT	ME-SB-13 8-9FT	TRIP BLANK
8260 solid (mg/kg)																		
Acetone	1,000	500	14	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.10
Acrylonitrile	11	1.1	0.010	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.010
tert-Amylmethyl Ether	~	~	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.001
Benzene	200	21	0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
Bromobenzene	~	~	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
Bromochloromethane	~	~	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
Bromodichloromethane	92	9.9	0.011	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
Bromoform	720	78	0.080	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.010
Bromomethane	1,000	95	0.20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.010
2-Butanone (MEK)	1,000	500	8.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.040
tert-Butyl Alcohol	~	~	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.040
n-Butylbenzene	1,000	500	1.4	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
sec-Butylbenzene	1,000	500	1.4	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
tert-Butylbenzene	1,000	500	1.4	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
tert-Butylethyl Ether	~	~	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.001
Carbon Disulfide	1,000	500	14	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.006
Carbon Tetrachloride	44	4.7	0.10	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
Chlorobenzene	1,000	500	2.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
Chlorodibromomethane	68	7.3	0.010	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.010
Chloroethane	~	~	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.020
Chloroform	940	100	0.12	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.004
Chloromethane	440	47	0.054	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.010
2-Chlorotoluene	~	~	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
4-Chlorotoluene	~	~	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
1,2-Dibromo-3-Chloropropane	4.1	0.44	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
1,2-Dibromoethane	0.067	0.007	0.010	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.001
Dibromomethane	~	~	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
1,2-Dichlorobenzene	1,000	500	3.1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
1,3-Dichlorobenzene	1,000	500	12	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
1,4-Dichlorobenzene	240	26	1.5	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
trans-1,4-Dichloro-2-Butene	~	~	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.004
Dichlorodifluoromethane	~	~	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.020
1,1-Dichloroethane	1,000	500	1.4	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
1,2-Dichloroethane	63	6.7	0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
1,1-Dichloroethylene	9.5	1.0	0.14	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.004
cis-1,2-Dichloroethylene	1,000	500	1.4	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
trans-1,2-Dichloroethylene	1,000	500	2.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
1,2-Dichloropropane	84	9.0	0.10	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
1,3-Dichloropropane	~	~	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.001
2,2-Dichloropropane	~	~	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
1,1-Dichloropropene	~	~	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
cis-1,3-Dichloropropene	32	3.4	0.010	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.010
trans-1,3-Dichloropropene	32	3.4	0.010	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.010
Diethyl Ether	~	~	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.020
Diisopropyl Ether	~	~	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.020
1,4-Dioxane	~	~	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.10
Ethyl Benzene	1,000	500	10	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
Hexachlorobutadiene	~	~	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
2-Hexanone	~	~	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.020
Isopropylbenzene	1,000	500	0.60	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
p-Isopropyltoluene	1,000	500	1.4	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
MTBE	1,000	500	2.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.004
Methylene Chloride	760	82	0.10	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.020
MIBK	1,000	500	7.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.020
Naphthalene	2,500	1,000	5.6	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.010
n-Propylbenzene	1,000	500	1.4	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
Styrene	1,000	500	2.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.010
1,1,1,2-Tetrachloroethane	220	24	0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
1,1,2,2-Tetrachloroethane	29	3.1	0.010	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.001
Tetrachloroethylene	110	12	0.10	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
Tetrahydrofuran	~	~	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.010
Toluene	1,000	500	20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
1,2,3-Trichlorobenzene	~	~	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.010
1,2,4-Trichlorobenzene	2,500	680	1.4	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.004
1,3,5-Trichloroebenzene	~	~	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
1,1,1-Trichloroethane	1,000	500	4.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
1,1,2-Trichloroethane	100	11	0.10	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
Trichloroethylene	520	56	0.10	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
Trichlorofluoromethane	1,000	500	26	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.010
1,2,3-Trichloropropane	~	~	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
1,1,2-Trichloro-1,2,2-Trifluoroethane	~	~	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.010
1,2,4-Trimethylbenzene	1,000	500	7.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
1,3,5-Trimethylbenzene	1,000	500	7.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002
Vinyl Chloride	3.0	0.32	0.040	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.010
m + p Xylene	1,000	500	20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.004
o-Xylene	1,000	500	20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.002

TABLE 4B
SUMMARY OF SOIL SAMPLE ANALYTICAL DATA
FACTORY H SUPPLEMENTAL INVESTIGATION
MERIDEN, CONNECTICUT
AECOM ENVIRONMENT

	RSR DEC		RSR PMC	SAMPLING LOCATION														
Parameter	I/C DEC	RES DEC	GA PMC	ME-SB-08 2-3FT	ME-SB-08 5-6FT	ME-SB-09 3-4FT	ME-SB-09 3-4FT DUP	ME-SB-09 8-9FT	ME-SB-10 1-2FT	ME-SB-10 13-14FT	ME-SB-11 12-13FT	ME-SB-11 3-4FT	ME-SB-11 3-4FT DUP	ME-SB-12 3-4FT	ME-SB-12 6.5-7.5FT	ME-SB-13 3-4FT	ME-SB-13 8-9FT	TRIP BLANK
8270 dry weight (mg/kg dry wt)																		
Acenaphthene	2,500	1,000	8.40	<0.189	<0.187	<0.200	<0.199	<0.207	<0.952	<0.208	<0.199	<0.209	<0.215	<0.202	<0.224	1.27	<0.193	NT
Acenaphthylene	2,500	1,000	8.40	<0.189	<0.187	<0.200	<0.199	<0.207	<0.952	<0.208	<0.199	<0.209	<0.215	<0.202	<0.224	2.51	<0.193	NT
Acetophenone	~	~	~	<0.38	<0.38	<0.40	<0.40	<0.42	<1.91	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
Aniline	~	107	~	<0.38	<0.38	<0.40	<0.40	<0.42	<1.91	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
Anthracene	2,500	1,000	40.0	0.370	0.602	<0.200	<0.199	<0.207	<0.952	<0.208	<0.199	<0.209	<0.215	<0.202	<0.224	8.70	<0.193	NT
Benzoic Acid	2,500	1,000	1,000	<1.14	<1.12	<1.20	<1.20	<1.25	<5.71	<1.25	<1.20	<1.26	<1.29	<1.22	<1.34	<2.41	<1.16	NT
Benzo(a)anthracene	7.80	1.00	1.00	**1.41**	**1.84**	<0.200	<0.199	<0.207	**1.09**	<0.208	<0.199	<0.209	<0.215	**1.11**	<0.224	**9.68**	<0.193	NT
Benzo(a)pyrene	1.00	1.00	1.00	**1.18**	**1.31**	<0.200	<0.199	<0.207	**1.11**	<0.208	<0.199	<0.209	<0.215	0.903	<0.224	**7.51**	<0.193	NT
Benzo(b)fluoranthene	7.80	1.00	1.00	**1.38**	**1.47**	<0.200	<0.199	<0.207	**1.48**	<0.208	<0.199	<0.209	<0.215	**1.10**	<0.224	**8.80**	<0.193	NT
Benzo(g,h,i)perylene	2,500	1,000	4.20	0.902	0.494	<0.200	<0.199	<0.207	<0.952	<0.208	<0.199	<0.209	<0.215	0.557	<0.224	3.50	<0.193	NT
Benzo(k)fluoranthene	78.0	8.40	1.00	0.570	0.601	<0.200	<0.199	<0.207	<0.952	<0.208	<0.199	<0.209	<0.215	0.420	<0.224	**4.48**	<0.193	NT
Bis(2-chloroethoxy)methane	~	~	~	<0.38	<0.38	<0.40	<0.40	<0.42	<1.91	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
Bis(2-chloroethyl)ether	5.20	1.00	1.00	<0.38	<0.38	<0.40	<0.40	<0.42	**<1.91***	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
Bis(2-chloroisopropy)ether	82.0	8.80	1.00	<0.38	<0.38	<0.40	<0.40	<0.42	**<1.91***	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
Bis(2-ethylhexyl)phthalate	410	44.0	1.00	<0.38	<0.38	<0.40	<0.40	<0.42	**<1.91***	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
4-Bromophenyl phenyl ether	1,000	500	8.20	<0.38	<0.38	<0.40	<0.40	<0.42	<1.91	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
Butylbenzylphthalate	2,500	1,000	20.0	<0.76	<0.75	<0.80	<0.80	<0.83	<3.81	<0.84	<0.80	<0.84	<0.86	<0.81	<0.90	<1.61	<0.77	NT
Carbazole	~	~	~	<0.19	<0.19	<0.20	<0.20	<0.21	<0.96	<0.21	<0.20	<0.21	<0.22	<0.21	<0.23	2.34	<0.20	NT
4-Chloroaniline	2,500	270	1.00	<0.76	<0.75	<0.80	<0.80	<0.83	**<3.81***	<0.84	<0.80	<0.84	<0.86	<0.81	<0.90	**<1.61***	<0.77	NT
4-Chloro-3-methylphenol	~	~	~	<0.76	<0.75	<0.80	<0.80	<0.83	<3.81	<0.84	<0.80	<0.84	<0.86	<0.81	<0.90	<1.61	<0.77	NT
2-Chloronaphthalene	2,500	1,000	11.0	<0.38	<0.38	<0.40	<0.40	<0.42	<1.91	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
2-Chlorophenol	2,500	339	1.00	<0.38	<0.38	<0.40	<0.40	<0.42	**<1.91***	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
4-Chlorophenylphenyl ether	1,000	500	8.20	<0.38	<0.38	<0.40	<0.40	<0.42	<1.91	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
Chrysene	780	84.0	1.00	**1.38**	**1.63**	<0.200	<0.199	<0.207	**1.37**	<0.208	<0.199	<0.209	<0.215	**1.15**	<0.224	**9.84**	<0.193	NT
Dibenzofuran	2,500	270	1.00	<0.38	<0.38	<0.40	<0.40	<0.42	**<1.91***	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	**5.25**	<0.39	NT
Dibenz(a,h)anthracene	1.00	1.00	1.00	0.275	0.208	<0.200	<0.199	<0.207	<0.952	<0.208	<0.199	<0.209	<0.215	0.208	<0.224	**1.38**	<0.193	NT
1,2-Dichlorobenzene	1,000	500	~	<0.38	<0.38	<0.40	<0.40	<0.42	<1.91	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
1,3-Dichlorobenzene	1,000	500	~	<0.38	<0.38	<0.40	<0.40	<0.42	<1.91	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
1,4-Dichlorobenzene	240	26.0	~	<0.38	<0.38	<0.40	<0.40	<0.42	<1.91	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
3,3'-Dichlorobenzidine	13.0	1.40	0.33	<0.19	<0.19	<0.20	<0.20	<0.21	**<0.96***	<0.21	<0.20	<0.21	<0.22	<0.21	<0.23	**<0.41***	<0.20	NT
2,4-Dichlorophenol	2,500	203	1.00	<0.38	<0.38	<0.40	<0.40	<0.42	**<1.91***	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
Diethylphthalate	2,500	1,000	110	<0.38	<0.38	<0.40	<0.40	<0.42	<1.91	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
2,4-Dimethylphenol	2,500	1,000	2.80	<0.38	<0.38	<0.40	<0.40	<0.42	<1.91	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
Dimethylphthalate	2,500	1,000	110	<0.76	<0.75	<0.80	<0.80	<0.83	<3.81	<0.84	<0.80	<0.84	<0.86	<0.81	<0.90	<1.61	<0.77	NT
Di-n-butylphthalate	2,500	1,000	14.0	<0.38	<0.38	<0.40	<0.40	<0.42	<1.91	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
Di-n-octylphthalate	2,500	1,000	2.00	<0.76	<0.75	<0.80	<0.80	<0.83	**<3.81***	<0.84	<0.80	<0.84	<0.86	<0.81	<0.90	<1.61	<0.77	NT
4,6-Dinitro-2-methylphenol	~	~	~	<0.38	<0.38	<0.40	<0.40	<0.42	<1.91	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
2,4-Dinitrophenol	2,500	140	1.65	<0.76	<0.75	<0.80	<0.80	<0.83	**<3.81***	<0.84	<0.80	<0.84	<0.86	<0.81	<0.90	<1.61	<0.77	NT
2,4-Dinitrotoluene	2,500	140	1.00	<0.38	<0.38	<0.40	<0.40	<0.42	**<1.91***	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
2,6-Dinitrotoluene	2,000	68.0	1.00	<0.38	<0.38	<0.40	<0.40	<0.42	**<1.91***	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
1,2-Diphenylhydrazine (as Azobenzene)	~	~	~	<0.38	<0.38	<0.40	<0.40	<0.42	<1.91	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
Fluoranthene	2,500	1,000	5.60	2.08	2.30	<0.200	<0.199	<0.207	1.56	<0.208	<0.199	<0.209	<0.215	1.22	<0.224	**20.1**	<0.193	NT
Fluorene	2,500	1,000	5.60	<0.189	0.207	<0.200	<0.199	<0.207	<0.952	<0.208	<0.199	<0.209	<0.215	<0.202	<0.224	**9.36**	<0.193	NT
Hexachlorobenzene	3.60	1.00	1.00	<0.38	<0.38	<0.40	<0.40	<0.42	**<1.91***	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
Hexachlorobutadiene	73.0	7.90	1.00	<0.38	<0.38	<0.40	<0.40	<0.42	**<1.91***	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
Hexachlorocyclopentadiene	2,500	470	1.00	<0.76	<0.75	<0.80	<0.80	<0.83	**<3.81***	<0.84	<0.80	<0.84	<0.86	<0.81	<0.90	**<1.61***	<0.77	NT
Hexachloroethane	410	44.0	1.00	<0.38	<0.38	<0.40	<0.40	<0.42	**<1.91***	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
Indeno(1,2,3-cd)pyrene	7.80	1.00	1.00	**1.09**	0.629	<0.200	<0.199	<0.207	<0.952	<0.208	<0.199	<0.209	<0.215	0.725	<0.224	**4.53**	<0.193	NT
Isophorone	2,500	640	1.00	<0.38	<0.38	<0.40	<0.40	<0.42	**<1.91***	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
o-cresol	2,500	1,000	7.00	<0.38	<0.38	<0.40	<0.40	<0.42	<1.91	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
m & p-cresol(s)	2,500	340	0.70	<0.38	<0.38	<0.40	<0.40	<0.42	**<1.91***	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	**<0.81***	<0.39	NT
2-Methylnaphthalene	2,500	474	0.980	<0.189	<0.187	<0.200	<0.199	<0.207	<0.952	<0.208	<0.199	<0.209	<0.215	<0.202	<0.224	**1.84**	<0.193	NT
Naphthalene	2,500	1,000	5.60	<0.189	<0.187	<0.200	<0.199	<0.207	<0.952	<0.208	<0.199	<0.209	<0.215	<0.202	<0.224	2.40	<0.193	NT
2-Nitroaniline	1,200	4.10	1.65	<0.38	<0.38	<0.40	<0.40	<0.42	**<1.91***	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
3-Nitroaniline	2,500	200	1.65	<0.38	<0.38	<0.40	<0.40	<0.42	**<1.91***	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
4-Nitroaniline	2,500	200	1.00	<0.38	<0.38	<0.40	<0.40	<0.42	**<1.91***	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
Nitrobenzene	1,000	34.0	1.00	<0.38	<0.38	<0.40	<0.40	<0.42	**<1.91***	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
2-Nitrophenol	2,500	540	1.10	<0.38	<0.38	<0.40	<0.40	<0.42	**<1.91***	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
4-Nitrophenol	~	~	~	<0.76	<0.75	<0.80	<0.80	<0.83	<3.81	<0.84	<0.80	<0.84	<0.86	<0.81	<0.90	<1.61	<0.77	NT
N-Nitrosodiphenylamine	~	~	1.00	<0.38	<0.38	<0.40	<0.40	<0.42	**<1.91***	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
N-Nitroso-di-n-propylamine	1.00	1.00	1.00	<0.38	<0.38	<0.40	<0.40	<0.42	**<1.91***	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
Pentachloronitrobenzene	~	~	~	<0.38	<0.38	<0.40	<0.40	<0.42	<1.91	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
Pentachlorophenol	48.0	5.10	1.00	<0.38	<0.38	<0.40	<0.40	<0.42	**<1.91***	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
Phenanthrene	2,500	1,000	4.00	1.33	1.68	<0.200	<0.199	<0.207	1.61	<0.208	<0.199	<0.209	<0.215	0.616	<0.224	**28.5**	<0.193	NT
Phenol	2,500	1,000	80.0	<0.38	<0.38	<0.40	<0.40	<0.42	<1.91	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
Pyrene	2,500	1,000	4.00	2.53	2.56	<0.200	<0.199	<0.207	1.98	<0.208	<0.199	<0.209	<0.215	1.67	<0.224	**20.5**	<0.193	NT
Pyridine	~	7.00	~	<0.19	<0.19	<0.20	<0.20	<0.21	<0.96	<0.21	<0.20	<0.21	<0.22	<0.21	<0.23	<0.41	<0.20	NT
1,2,4,5-Tetrachlorobenzene	~	~	~	<0.38	<0.38	<0.40	<0.40	<0.42	<1.91	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
1,2,4-Trichlorobenzene	~	~	~	<0.38	<0.38	<0.40	<0.40	<0.42	<1.91	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
2,4,5-Trichlorophenol	2,500	1,000	14.0	<0.38	<0.38	<0.40	<0.40	<0.42	<1.91	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
2,4,6-Trichlorophenol	520	56.0	1.00	<0.38	<0.38	<0.40	<0.40	<0.42	**<1.91***	<0.42	<0.40	<0.42	<0.43	<0.41	<0.45	<0.81	<0.39	NT
etph dry weight (mg/kg dry weight)																		
Extractable TPH (ETPH)	2,500	500	500	160	270	<12	<12	<13	**2,600**	<13	<12	<13	<13	150	<14	**1,800**	<12	NT
metals(15pp)sicp (mg/kg dry wt)																		
Antimony	8,200	27.0	~	<4.53	<4.47	<4.79	<4.77	<4.97	<4.57	<4.99	<4.78	<5.01	<5.15	<4.85	<5.36	<4.81	<4.62	NT
Arsenic	10.0	10.0	~	9.06	<2.80	3.57	4.39	3.58	5.12	<3.12	3.52	4.13	4.10	6.85	5.49	5.86	9.28	NT
Barium	140,000	4,700	~	101	198	127	139	61.9	76.9	81.7	43.3	241	228	124	132	91.7	152	NT
Beryllium	2.00	2.00	~	<0.29	<0.28	<0.30	<0.30	<0.32	<0.29	<0.32	<0.30	<0.32	<0.33	<0.31	<0.34	<0.31	<0.29	NT
Cadmium	1,000	34.0	~	1.34	<0.28	<0.30	<0.30	<0.32	0.39	<0.32	<0.30	<0.32	<0.33	0.51	<0.34	0.40	<0.29	NT
Chromium	~	~	~	52.1	11.4	11.8	13.2	10.5	15.2	8.55	10.1	21.0	19.9	21.9	15.2	13.6	17.9	NT
Copper	76,000	2,500	~	518	44.1	14.9	20.2	17.5	455	14.0	12.6	11.4	14.2	251	11.3	269	10.2	NT
Lead	1,000	400	~	207	26.0	42.8	42.2	4.26	161	4.53	3.78	42.0	58.8	108	39.2	80.9	3.12	NT
Mercury	610	20.0	~	1.96	0.391	0.048	0.041	<0.015	0.210	<0.015	<0.014	0.072	0.052	0.390	0.025	0.135	<0.025	NT
Nickel	7,500	1,400	~	85.6	10.0	8.69	9.89	9.39	71.5	9.83	12.2	9.87	10.3	42.4	8.58	65.5	11.5	NT
Selenium	10,000	340	~	<5.66	<5.59	<5.99	<5.96	<6.21	<5.71	<6.24	<5.97	<6.26	<6.44	<6.06	<6.70	<6.01	<5.78	NT
Silver	10,000	340	~	10.9	1.10	<0.60	0.60	<0.63	8.96	<0.63	<0.60	<0.63	0.65	8.61	<0.67	6.19	0.71	NT
Thallium	160	5.40	~	<3.40	<3.35	<3.59	<3.58	<3.73	<3.43	<3.75	<3.58	<3.76	<3.87	<3.64	<4.02	<3.61	<3.47	NT
Vanadium	14,000	470	~	30.2	14.2	22.1	33.6	21.7	28.9	19.3	19.9	40.8	39.3	31.1	34.7	19.9	49.1	NT
Zinc	610,000	20,000	~	473	102	45.1	55.1	29.1	146	28.6	26.8	53.6	59.7	175	35.4	132	40.8	NT
solids (percent) (%)																		
Solids, total	~	~	~	88.4	89.6	83.6	84.0	80.6	87.6	80.2	83.8	79.9	77.7	82.6	74.7	83.3	86.6	NT

Notes:
1. An asterisk (*) following a detection limit indicates that the minumum laboratory reporting limit exceeds one or more of the regulatory criteria.
2. NT = Not tested.
3. ~ = No Standard available
4. For soil samples shaded values exceed the RSR Direct Exposure Criteria (DEC) for the parameter.
5. For soil samples bolded values exceed the RSR PMC for the parameter.
6. For water samples shaded values exceed the RSR Groundwater (GWP), Surface Water (SWP), or Volatililization (RES Vol. or I/C Vol.) criteria for the parameter.
7. For water samples bolded values exceed the Connecticut Water Quality Standards (Appendix D).
8. RSR criteria are in same units as analyte.

TABLE 5 - DRAFT
SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL DATA
FACTORY H SUPPLEMENTAL INVESTIGATION
MERIDEN, CONNECTICUT
AECOM ENVIRONMENT

Parameter	1996 EXISTING RSRs			SAMPLING LOCATION											SAMPLE LOCATION			
	I/C VC	RES VC	SWPC	AOC-11 MW-01	AOC-11 MW-01 DUP	AOC-17 MW-1	AOC-3 MW-1	ME-MW-01	ME-MW-02 (INSIDE)	ME-MW-02-DUP (INSIDE)	don't prilin this	MW-100	MW-101	MW-102	MW-102 DUP	MW-11	MW-11 DUP	TB
Sampling Date	-	-	-	3/12/09	3/12/09	3/13/09	3/12/09	3/13/09	3/13/09	3/13/09		3/13/09	3/13/09	3/12/09	3/12/09	3/12/09	3/12/09	3/13/09
Sample Depth	-	-	-	-	-	-	-	-	-	-	for DV	-	-	-	-	-	-	-
Laboratory Report Number				LIMT-23950	LIMT-23950	LIMT-23950	LIMT-23950	LIMT-23950	LIMT-23950	LIMT-23950		LIMT-23950	LIMT-23950	LIMT-23950	LIMT-23950	LIMT-23950	LIMT-23950	LIMT-23950
8020 h2o 14rcp (ug/L)																		
Antimony	~	~	86,000	NT	NT	NT	NT	NT	<5.00	<5.00	ND	NT	NT	NT	NT	NT	NT	NT
Arsenic	~	~	4.00	NT	NT	NT	NT	NT	<2.00	<2.00	ND	NT	NT	NT	NT	NT	NT	NT
Barium	~	~	~	NT	NT	NT	NT	NT	<250	<250	ND	NT	NT	NT	NT	NT	NT	NT
Beryllium	~	~	4.00	NT	NT	NT	NT	NT	<2.00	<2.00	ND	NT	NT	NT	NT	NT	NT	NT
Cadmium	~	~	6.00	NT	NT	NT	NT	NT	<2.50	<2.50	ND	NT	NT	NT	NT	NT	NT	NT
Chromium	~	~	~	NT	NT	NT	NT	NT	<50.0	<50.0	ND	NT	NT	NT	NT	NT	NT	NT
Copper	~	~	48	NT	NT	NT	NT	NT	**57.8**	38.2	0.40833	NT	NT	NT	NT	NT	NT	NT
Lead	~	~	13	NT	NT	NT	NT	NT	**38.8**	<5.00	ND	NT	NT	NT	NT	NT	NT	NT
Nickel	~	~	880	NT	NT	NT	NT	NT	308	257	0.17407	NT	NT	NT	NT	NT	NT	NT
Selenium	~	~	50.0	NT	NT	NT	NT	NT	<25.0	<25.0	ND	NT	NT	NT	NT	NT	NT	NT
Silver	~	~	12.0	NT	NT	NT	NT	NT	<2.50	<2.50	ND	NT	NT	NT	NT	NT	NT	NT
Thallium	~	~	63.0	NT	NT	NT	NT	NT	<1.00	<1.00	ND	NT	NT	NT	NT	NT	NT	NT
Vanadium	~	~	~	NT	NT	NT	NT	NT	<25.0	<25.0	ND	NT	NT	NT	NT	NT	NT	NT
Zinc	~	~	123	NT	NT	NT	NT	NT	**263**	**166**	0.45221	NT	NT	NT	NT	**360**	**346**	NT
8260 water (ug/l)											ND							
Acetone	50,000	50,000	~	<50.0	NT	<50.0	<50.0	<50.0	<50.0	NT	ND	<50.0	<50.0	<50.0	<50.0	<50.0	NT	<50.0
Acrylonitrile	~	~	20.0	<2.0	NT	<2.0	<2.0	<2.0	<2.0	NT	ND	<2.0	<2.0	<2.0	<2.0	<2.0	NT	<2.0
tert-Amylmethyl Ether	~	~	~	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
Benzene	530	130	710	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
Bromobenzene	~	~	~	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
Bromochloromethane	~	~	~	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
Bromodichloromethane	73.0	2.3	~	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
Bromoform	2,300	75.0	10,800	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
Bromomethane	~	~	~	<1.0	NT	<1.0	<1.0	<1.0	<1.0	NT	ND	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0
2-Butanone (MEK)	50,000	50,000	~	<2.0	NT	<2.0	<2.0	<2.0	<2.0	NT	ND	<2.0	<2.0	<2.0	<2.0	<2.0	NT	<2.0
tert-Butyl Alcohol	~	~	~	<10.0	NT	<10.0	<10.0	<10.0	<10.0	NT	ND	<10.0	<10.0	<10.0	<10.0	<10.0	NT	<10.0
n-Butylbenzene	21,000	1,500	~	<1.0	NT	<1.0	<1.0	<1.0	<1.0	NT	ND	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0
sec-Butylbenzene	~	~	~	<0.5	NT	1.8	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
tert-Butylbenzene	~	~	~	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
tert-Butylethyl Ether	~	~	~	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
Carbon Disulfide	~	~	~	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
Carbon Tetrachloride	14.0	5.3	132	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
Chlorobenzene	23,000	1,800	420,000	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
Chlorodibromomethane	~	~	~	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
Chloroethane	29,000	12,000	~	<1.0	NT	<1.0	<1.0	<1.0	<1.0	NT	ND	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0
Chloroform	710	287	14,100	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	1.3	1.5	0.9	<0.5	<0.5	NT	<0.5
Chloromethane	5,500	290	~	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
2-Chlorotoluene	~	~	~	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
4-Chlorotoluene	~	~	~	<1.0	NT	<1.0	<1.0	<1.0	<1.0	NT	ND	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0
1,2-Dibromo-3-Chloropropane	~	~	~	<1.0	NT	<1.0	<1.0	<1.0	<1.0	NT	ND	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0
1,2-Dibromoethane	11.0	0.30	~	<0.50*	NT	<0.50*	<0.50*	<0.50*	<0.50*	NT	ND	<0.50*	<0.50*	<0.50*	<0.50*	<0.50*	NT	<0.50*
Dibromomethane	~	~	~	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
1,2-Dichlorobenzene	50,000	5,100	170,000	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
1,3-Dichlorobenzene	50,000	4,300	26,000	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
1,4-Dichlorobenzene	3,400	1,400	26,000	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
trans-1,4-Dichloro-2-Butene	~	~	~	<5.0	NT	<5.0	<5.0	<5.0	<5.0	NT	ND	<5.0	<5.0	<5.0	<5.0	<5.0	NT	<5.0
Dichlorodifluoromethane	1,200	91.0	~	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
1,1-Dichloroethane	41,000	3,000	~	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
1,2-Dichloroethane	68.0	6.5	2,970	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
1,1-Dichloroethylene	8	1	98.0	<0.5	NT	1.3	<0.5	<0.5	<0.5	NT	ND	<0.5	13.2	<0.5	<0.5	<0.5	NT	<0.5
cis-1,2-Dichloroethylene	~	~	~	<0.5	NT	19.0	40.0	5.9	<0.5	NT	ND	4.2	623	5.7	5.9	13.1	NT	<0.5
trans-1,2-Dichloroethylene	~	~	~	<0.5	NT	4.6	1.0	<0.5	<0.5	NT	ND	<0.5	72.3	0.6	0.7	1.3	NT	<0.5
1,2-Dichloropropane	58.0	58.0	~	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
1,3-Dichloropropane	~	~	~	<1.0	NT	<1.0	<1.0	<1.0	<1.0	NT	ND	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0
2,2-Dichloropropane	~	~	~	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
1,1-Dichloropropene	~	~	~	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
cis-1,3-Dichloropropene	360	360	34,000	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
trans-1,3-Dichloropropene	360	360	34,000	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
Diethyl Ether	~	~	~	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
Diisopropyl Ether	~	~	~	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
1,4-Dioxane	~	~	~	<10.0	NT	<10.0	<10.0	<10.0	<10.0	NT	ND	<10.0	<10.0	<10.0	<10.0	<10.0	NT	<10.0
Ethyl Benzene	36,000	36,000	580,000	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
Hexachlorobutadiene	~	~	~	<0.4	NT	<0.4	<0.4	<0.4	<0.4	NT	ND	<0.4	<0.4	<0.4	<0.4	<0.4	NT	<0.4
2-Hexanone	~	~	~	<50.0	NT	<50.0	<50.0	<50.0	<50.0	NT	ND	<50.0	<50.0	<50.0	<50.0	<50.0	NT	<50.0
Isopropylbenzene	~	~	~	<1.0	NT	1.0	<1.0	<1.0	<1.0	NT	ND	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0
p-Isopropyltoluene	22,000	1,600	~	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
MTBE	50,000	21,000	~	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
Methylene Chloride	50000	50000	48,000	<1.0	NT	<1.0	<1.0	<1.0	<1.0	NT	ND	<1.0	<1.0	<1.0	<1.0	<1.0	NT	1.8
MIBK	50,000	13,000	~	<2.0	NT	<2.0	<2.0	<2.0	<2.0	NT	ND	<2.0	<2.0	<2.0	<2.0	<2.0	NT	<2.0
Naphthalene	~	~	~	<5.0	NT	<5.0	<5.0	<5.0	<5.0	NT	ND	<5.0	<5.0	<5.0	<5.0	<5.0	NT	<5.0
n-Propylbenzene	~	~	~	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
Styrene	42,000	3,100	~	<1.0	NT	<1.0	<1.0	<1.0	<1.0	NT	ND	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0
1,1,1,2-Tetrachloroethane	64.0	2.0	~	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
1,1,2,2-Tetrachloroethane	54.0	1.8	110	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
Tetrachloroethylene	3820	1500	88.0	<0.5	NT	1.2	**112**	30.6	<0.5	NT	ND	**234**	**252**	**139**	**134**	**101**	NT	<0.5
Tetrahydrofuran	~	~	~	<5.0	NT	<5.0	<5.0	<5.0	<5.0	NT	ND	<5.0	<5.0	<5.0	<5.0	<5.0	NT	<5.0
Toluene	41,000	7,100	4,000,000	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
1,2,3-Trichlorobenzene	~	~	~	<5.0	NT	<5.0	<5.0	<5.0	<5.0	NT	ND	<5.0	<5.0	<5.0	<5.0	<5.0	NT	<5.0
1,2,4-Trichlorobenzene	~	~	~	<1.0	NT	<1.0	<1.0	<1.0	<1.0	NT	ND	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0
1,3,5-Trichlorobenzene	~	~	~	<1.0	NT	<1.0	<1.0	<1.0	<1.0	NT	ND	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0
1,1,1-Trichloroethane	16,000	6,500	62,000	<1.0	NT	<1.0	<1.0	<1.0	<1.0	NT	ND	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0
1,1,2-Trichloroethane	2,900	220	1,260	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
Trichloroethylene	540	219	2,340	<0.5	NT	4.8	36.4	59.4	<0.5	NT	ND	167	1,060	124	115	24.1	NT	<0.5
Trichloroflouromethane	4,200	1,300	~	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
1,2,3-Trichloropropane	~	~	~	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
1,1,2-Trichloro-1,2,2-Trifluoroethane	~	~	~	<0.5	NT	<0.5	0.6	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
1,2,4-Trimethylbenzene	4,800	360	~	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
1,3,5-Trimethylbenzene	3,900	280	~	<0.5	NT	<0.5	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
Vinyl Chloride	2	2	15750	<0.5	NT	43.9	7.4	<0.5	<0.5	NT	ND	<0.5	132	<0.5	<0.5	<0.5	NT	<0.5
m + p Xylene	48,000	8,700	~	<1.0	NT	<1.0	<1.0	<1.0	<1.0	NT	ND	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0
o-Xylene	50000	21300	~	<0.5	NT	0.8	<0.5	<0.5	<0.5	NT	ND	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.5
as 6020 rgw (ug/L)											ND							
Arsenic	~	~	4.00	<2.00	<2.00	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT	NT	NT	NT
cyanide-total (mg/l)											ND							
Cyanide	~	~	0.052	NT	NT	NT	NT	NT	<0.010	<0.010	ND	NT	NT	NT	NT	NT	NT	NT
etph water (mg/l)											ND							
Extractable TPH (ETPH)	~	~	~	NT	NT	NT	NT	NT	0.130	0.126	0.03125	NT	NT	NT	NT	NT	NT	NT
hg (mg/l) wet (mg/l)											ND							
Mercury	~	~	0.00040	NT	NT	NT	NT	NT	<0.00010	<0.00010	ND	NT	NT	NT	NT	NT	NT	NT
pah - water (ug/l)											ND							
Acenaphthene	~	~	~	NT	NT	NT	NT	NT	<5.00	<5.00	ND	NT	NT	NT	NT	NT	NT	NT
Acenaphthylene	~	~	~	NT	NT	NT	NT	NT	<5.00	<5.00	ND	NT	NT	NT	NT	NT	NT	NT
Anthracene	~	~	~	NT	NT	NT	NT	NT	<5.00	<5.00	ND	NT	NT	NT	NT	NT	NT	NT
Benzo(a)anthracene	~	~	~	NT	NT	NT	NT	NT	<5.00	<5.00	ND	NT	NT	NT	NT	NT	NT	NT
Benzo(a)pyrene	~	~	~	NT	NT	NT	NT	NT	<5.00	<5.00	ND	NT	NT	NT	NT	NT	NT	NT
Benzo(b)fluoranthene	~	~	~	NT	NT	NT	NT	NT	<5.00	<5.00	ND	NT	NT	NT	NT	NT	NT	NT
Benzo(g,h,i)perylene	~	~	~	NT	NT	NT	NT	NT	<5.00	<5.00	ND	NT	NT	NT	NT	NT	NT	NT
Benzo(k)fluoranthene	~	~	~	NT	NT	NT	NT	NT	<5.00	<5.00	ND	NT	NT	NT	NT	NT	NT	NT
Chrysene	~	~	~	NT	NT	NT	NT	NT	<5.00	<5.00	ND	NT	NT	NT	NT	NT	NT	NT
Dibenz(a,h)anthracene	~	~	~	NT	NT	NT	NT	NT	<5.40	<5.40	ND	NT	NT	NT	NT	NT	NT	NT
Fluoranthene	~	~	~	NT	NT	NT	NT	NT	<5.00	<5.00	ND	NT	NT	NT	NT	NT	NT	NT
Fluorene	~	~	~	NT	NT	NT	NT	NT	<5.00	<5.00	ND	NT	NT	NT	NT	NT	NT	NT
Indeno(1,2,3-cd)pyrene	~	~	~	NT	NT	NT	NT	NT	<5.00	<5.00	ND	NT	NT	NT	NT	NT	NT	NT
2-Methylnaphthalene	~	~	~	NT	NT	NT	NT	NT	<5.00	<5.00	ND	NT	NT	NT	NT	NT	NT	NT
Naphthalene	~	~	~	NT	NT	NT	NT	NT	<5.00	<5.00	ND	NT	NT	NT	NT	NT	NT	NT
Phenanthrene	~	~	~	NT	NT	NT	NT	NT	<5.00	<5.00	ND	NT	NT	NT	NT	NT	NT	NT
Pyrene	~	~	~	NT	NT	NT	NT	NT	<5.00	<5.00	ND	NT	NT	NT	NT	NT	NT	NT
zn 6020 rgw (ug/L)											ND							
Zinc	~	~	123	NT	NT	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT	**360**	**346**	NT
											ND							

Notes:
1. An asterisk (*) following a detection limit indicates that the minumum laboratory reporting limit exceeds one or more of the regulatory criteria.
2. NT = Not tested.
3. ~ = No Standard available
4. Shaded values exceed the RSR Residential Volatilization Criteria (RES VC) for the parameter.
5. Shaded and bold border values exceed the RSR Industrial/Commercial Volatilization Criteria (I/C VC) for the parameter.
6. Bolded values exceed the RSR Surface Water Protection Criteria (SWPC) for the parameter.
7. RSR criteria are in same units as analyte.
8. ND = Not detected above the reporting limit
9. Results are only compared to existing CT RSRs. No exceedances to revised CT RSRs are called out. Revised CT RSRs shown for informational purposes only.
   A summary of exceedance changes due to the revised RSRs is provided in Table 7.

TABLE 6
Summary of Data Validation Qualifications

Supplemental Investigation and Soil Re-Use Evaluation
INSILCO, Factory H
Meriden, Connecticut
AECOM Environment
August 2009

Report #	Qualified Sample(s)	Matrix	Description	Qualification
23695	ME-SB-02, ME-SB-06	Soil	Samples exceeded hold time. SPLP extraction was performed on the 16th day after sampling. Results may be biased low.	Qualify as estimated positive and nondetected results (J and UJ, respectively) for all compounds.
23695	ME-SB-01, ME-SB-02, ME-SB-06	Soil	Based on CCV, Indeno(1,2,3)pyrene, Dibenz(a,h)anthracene and Benzo(g,h,i)perylene results are estimated and likely to be biased low.	Qualify as estimated positive and nondetected results (J and UJ, respectively) for all compounds.
23411	EB 021909	Water	ICV and/or CCV did not meet method specifications. 1,4-dioxane was calibrated with a relative response factor <0.05. Bromomethane was calibrated by linear regression with a correlation coefficient of <0.99	Qualify as estimated positive and nondetected results (J and UJ, respectively) for these compounds.

Table lists all samples and their respective reports that required qualification. Abbreviated terms are defined below:

CCV = continuing calibration verification;
EB= analyte was detected in the associated equipment blank and there is an indeterminate amount of error in the result presented
ICS= Interference Check Standard
ICV = initial calibration verification
J = concentration is an estimate
UJ =reporting limit is an estimate
LCS = Laboratory Control Spike
MS/MSD = Matrix Spike, Matrix Spike Duplicate
RPD = Relative Percent Difference

TABLE 6
SUMMARY OF DATA VALIDATION QUALIFICATIONS
SUPPLEMENTAL INVESTIGATION AND SOIL REUSE EVALUATION
Insilco, Factory H
Meriden, CT
AECOM Environment

Report #	Qualified Sample(s)	Matrix	Description	Qualification
3411	EB 021909	Water	The LCS and/or LCSD recoveries were low for methyl isobutyl ketone, naphthalene, hexachlorobutadiene, 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene and 2-hexanone. Results may be biased low.	Qualify as estimated positive and nondetected results (J and UJ, respectively) for these compounds.
23411	ME-SB-01 thru ME-SB-05 (all depths) and TB 021909	Soil	ICV and/or CCV did not meet method specifications. Acetone, tert-butylalcohol, 2-butanone, tetrahydrofuran and 1,4 dioxane 1,4-dioxane were calibrated with a relative response factor <0.05. Results may be biased low.	Qualify as estimated positive and nondetected results (J and UJ, respectively) for these compounds.
23411	ME-MW-02, ME-SB-01 thru ME-SB-05 (all depths)	Soil	Low level calibration was outside control limits for Zn. Any result at or near the detection limit may be biased on the high side	Qualify as estimated positive results (J) < 2x RL.
23332	ME-SB-01 thru ME-SB-05 (all depths) and TB 021909	Soil	ICV and/or CCV did not meet method specifications. Acetone, tert-butylalcohol, 2-butanone, tetrahydrofuran and 1,4 dioxane 1,4-dioxane were calibrated with a	Qualify as estimated positive and nondetected results (J and UJ, respectively) for

Table lists all samples and their respective reports that required qualification. Abbreviated terms are defined below:

CCV = continuing calibration verification;
EB= analyte was detected in the associated equipment blank and there is an indeterminate amount of error in the result presented
ICS= Interference Check Standard
ICSAB = interference check sample AB
ICV = initial calibration verification
J = concentration is an estimate
UJ =reporting limit is an estimate
LCS = Laboratory Control Spike
MS/MSD = Matrix Spike, Matrix Spike Duplicate
RPD = Relative Percent Difference

TABLE 6
SUMMARY OF DATA VALIDATION QUALIFICATIONS
SUPPLEMENTAL INVESTIGATION AND SOIL REUSE EVALUATION
Insilco, Factory H
Meriden, CT
AECOM Environment

Report #	Qualified Sample(s)	Matrix	Description	Qualification
			relative response factor <0.05. Results may be biased low.	these compounds.
23332	ME-SS-09 1-1.5 ME-SS-10 0-1 ME-SS-11 1-1.5 ME-SS-12 0-1	Soil	Low level calibration was outside control limits for Zn. Any result at or near the detection limit may be biased on the high side	Qualify as estimated positive results (J) < 2x RL.
23332	ME-SB-07 2-4 and ME-SB DUP	Soil	Field duplicate RPD exceeded 50% for tetrachloroethylene, trichloroethylene, lead, fluoranthene and pyrene.	Qualify as estimated positive and nondetected results (J and UJ, respectively) for these compounds.
23748	ME-SS-02 0-1 ME-SS-05 0-1 ME-SS-12 0-1	Soil	ICSAB was outside of control limits for Cu. Any reported result for this element may be biased on the low side in the presence of high inter-element interference.	Qualify as estimated positive and nondetected results (J and UJ, respectively) for these compounds.

Table lists all samples and their respective reports that required qualification. Abbreviated terms are defined below:

CCV = continuing calibration verification;
EB= analyte was detected in the associated equipment blank and there is an indeterminate amount of error in the result presented
ICS= Interference Check Standard
ICSAB = interference check sample AB
ICV = initial calibration verification
J = concentration is an estimate
UJ =reporting limit is an estimate
LCS = Laboratory Control Spike
MS/MSD = Matrix Spike, Matrix Spike Duplicate
RPD = Relative Percent Difference

TABLE 6
SUMMARY OF DATA VALIDATION QUALIFICATIONS
SUPPLEMENTAL INVESTIGATION AND SOIL REUSE EVALUATION
Insilco, Factory H
Meriden, CT
AECOM Environment

Report #	Qualified Sample(s)	Matrix	Description	Qualification
24388	ME-SB-08 thru ME-SB-13 (all depths) and Trip Blank	Soil	ICV and/or CCV did not meet method specifications. Tert-Butyl Alcohol, Tetrahydrofuran, and 1,4-Dioxane were calibrated with a relative response factor <0.05.	Qualify as estimated positive and nondetected results (J and UJ, respectively) for these compounds.
24388	ME-SB-08 thru ME-SB-13 (all depths) and Trip Blank	Soil	ICV and/or CCV did not meet method specifications. Pentachloronitrobenzene was calibrated with a relative response factor <0.05.	Qualify as estimated positive and nondetected results (J and UJ, respectively) for these compounds.
24388	ME-SB-09 (all depths and DUP), ME-SB-10 13-14 and ME-SB-11 3-4 and 3-4 DUP	Soil	ICV and/or CCV did not meet method specifications. Benzo(g,h,i)perylene was calibrated with a relative response factor <0.05.	Qualify as estimated positive and nondetected results (J and UJ, respectively) for these compounds.

Table lists all samples and their respective reports that required qualification. Abbreviated terms are defined below:

CCV = continuing calibration verification;
EB= analyte was detected in the associated equipment blank and there is an indeterminate amount of error in the result presented
ICS= Interference Check Standard
ICSAB = interference check sample AB
ICV = initial calibration verification
J = concentration is an estimate
UJ =reporting limit is an estimate
LCS = Laboratory Control Spike
MS/MSD = Matrix Spike, Matrix Spike Duplicate
RPD = Relative Percent Difference

TABLE 6
SUMMARY OF DATA VALIDATION QUALIFICATIONS
SUPPLEMENTAL INVESTIGATION AND SOIL REUSE EVALUATION
Insilco, Factory H
Meriden, CT
AECOM Environment

Report #	Qualified Sample(s)	Matrix	Description	Qualification
24388	ME-SB-10 1-2, ME-SB-11 12-13 and ME-SB-08, 12 and 13 (all depths),	Soil	ICV and/or CCV did not meet method specifications. Benzoic Acid and 2,4-Dinitrophenol were calibrated by linear regression with a correlation coefficient <0.99. Reduced accuracy and precision are anticipated for any reported result for these compounds.	Qualify as estimated positive and nondetected results (J and UJ, respectively) for these compounds.
24388	ME-SB-09 (all depths and DUP), ME-SB-10 13-14 and ME-SB-11 3-4 and 3-4 DUP	Soil	Any reported result for Benzoic Acid, Pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene,and Benzo(g,h,i)perylene is estimated and likely to be biased on the low side based on continuing calibration bias.	Qualify as estimated positive and nondetected results (J and UJ, respectively) for these compounds.
24711	ME-SB-08 2-3 and 5-6 and ME-SB-13 3-4	Soil	ICV and/or CCV did not meet method specifications. Pentachloronitrobenzene was calibrated with a relative response factor <0.05.	Qualify as estimated positive and nondetected results (J and UJ, respectively) for these compounds.
24711	ME-SB-08 2-3 and 5-	Soil	ICV and/or CCV did not meet method specifications.	Qualify as estimated positive

Table lists all samples and their respective reports that required qualification. Abbreviated terms are defined below:

CCV = continuing calibration verification;
EB= analyte was detected in the associated equipment blank and there is an indeterminate amount of error in the result presented
ICS= Interference Check Standard
ICSAB = interference check sample AB
ICV = initial calibration verification
J = concentration is an estimate
UJ =reporting limit is an estimate
LCS = Laboratory Control Spike
MS/MSD = Matrix Spike, Matrix Spike Duplicate
RPD = Relative Percent Difference

Table 7
Sample Exceedance Changes Due to Revised RSRs
Factory H
Meriden, CT
AECOM Environment

MW-11		
Existing CT RSR Exceedance	Revised CT RSR Exceedance	Parameter
SWPC	--	Zinc
Note: 1. GB classified groundwater.		

MW-100		
Existing CT RSR Exceedance	Revised CT RSR Exceedance	Parameter
--	I/C VC	Tetrachloroethylene (PCE)
Note: 1. GB classified groundwater.		

MW-101		
Existing CT RSR Exceedance	Revised CT RSR Exceedance	Parameter
--	I/C VC	Tetrachloroethylene (PCE)
--	SWPC	Trichloroethylene (TCE)
Note: 1. GB classified groundwater.		

ME-MW-02		
Existing CT RSR Exceedance	Revised CT RSR Exceedance	Parameter
SWPC	--	Zinc
--	SWPC	Nickel
Note: 1. GB classified groundwater.		

Notes:
1. NE = No Exceedance Under RSR Regime
2. SWPC = Surface Water Protection Criteria
3. I/C VC = Industrial/Commercial Volatilization Criteria

Appendices

Appendix A

Statement of Limitations

STATEMENT OF LIMITATIONS

The data presented and the opinions expressed in this report are qualified as follows:

1. The sole purpose of the investigation and of this report is to assess the physical characteristics of the Site with respect to the presence or absence in the environment of oil or hazardous materials and substances as defined in the applicable state and federal environmental laws and regulations and to gather information regarding current and past environmental conditions at the Site.

2. Metcalf & Eddy (M&E) derived the data in this report primarily from visual inspections, examinations of records provided by the Client, interviews with individuals with information about the Site, and a limited number of subsurface explorations made on the dates indicated. The passage of time, manifestation of latent conditions or occurrence of future events may require further exploration at the Site, analysis of the data, and reevaluation of the findings, observations, and conclusions expressed in the report.

3. In preparing this report, M&E has relied upon and presumed accurate certain information (or the absence thereof) about the Site and adjacent properties provided by governmental officials and agencies, the Client, and others identified herein. Except as otherwise stated in the report, M&E has not attempted to verify the accuracy or completeness of any such information.

4. The data reported and the findings, observations, and conclusions expressed in the report are limited by the Scope of Services, including the extent of subsurface exploration and other tests. The Scope of Services was defined by the requests of the Client, the time and budgetary constraints imposed by the Client, and the availability of access to the Site.

5. Because of the limitations stated above, the findings, observations, and conclusions expressed by M&E in this report are not, and should not be considered, an opinion concerning the compliance of any past or present owner or operator of the site with any federal, state or local law or regulation. No warranty or guarantee, whether express or implied, is made with respect to the data reported or findings, observations, and conclusions expressed in this report. Further, such data, findings, observations, and conclusions are based solely upon site conditions in existence at the time of investigation.

6. This report has been prepared on behalf of and for the exclusive use of the Client, and is subject to and issued in connection with the Agreement and the provisions thereof.

Appendix B

Soil Boring Logs

AECOM USA, Inc. **GEOLOGIC LOG**

AECOM

PROJECT : Factory H Supplemental Investigation CO#5		SHEET 1 of 1	BORING NO. ME-SB-06
SITE LOCATION: 77 Cooper St, 104 Butler St Meriden, CT	JOB NO.: 60073489 (Factory H Supplemental Investigation)	Elevation:	Total Depth:
	LOCATION: N: E:		
DRILL CONTRACTOR : ADT	ENG/GEO : Seremet/Perhala	DATE : 02-17-09	
DRILL RIG: Geoprobe 54LT	DRILLER : Jay	TIME : 9:17	
Hole Size : 2"	Weather :	Ground Water (Depth/Elev.) :	
Drilling Method : Direct push	Drilling Fluid : None	Top of Rock (Depth/Elev.) :	

Depth (ft)	(in)	Sample Type/No.	PID (ppm)	Blow Count (per 6 in.) or Drilling Rate(min/ft)	Sample Recovery or REC & RQD	SAMPLE DESCRIPTION NOTE: Depths read from top of recovered sample	STRATIGRAPHIC DESCRIPTION
			0.0		32"		
	0-6"					organics, frozen medium brown sand/ loam	
	6-14"					Fine brown sand, slag fragments	
	14-22"					Fine brown sand/silt, slag fragments	
5	22-32"					wet, slight petroleum odor, M_F brown sand, slag fragments, gravel	
						Sample 0-1' VOCs, PAHs, Pb	
						Sample 2-3' VOCs, PAHs, Pb	

SAMPLE TYPES:	Trace 0 to 5%	SPT Resistance		Approved/Date
SS=SPLIT SPOON	Few 5 to 10	Cohesionless Density: 0-4 V. Loose	Cohesive Consistency: 0-2 V. Soft	
ST=SHELBY TUBE	Little 15 to 2	5-9 Loose 10-29 Med. Dense	3-4 Soft, 5-8 M/Stiff, 9-15 Stiff	
R=ROCK CORE	Some 30 to	30-49 Dense 50+ V. Dense	16-30 V. Stiff, 31+ Hard	

AECOM USA, Inc. **GEOLOGIC LOG**

PROJECT : Factory H Supplemental Investigation CO#5		SHEET 1 of 1	BORING NO. ME-SB-07
SITE LOCATION: 77 Cooper St, 104 Butler St Meriden, CT	JOB NO.: 60073489 (Factory H Supplemental Investigation)	Elevation:	Total Depth:
	LOCATION: N: E:		
DRILL CONTRACTOR : ADT	ENG/GEO : Seremet/Perhala	DATE : 02-17-09	
DRILL RIG: Geoprobe 54LT	DRILLER : Jay	TIME : 9:45	
Hole Size : 2"	Weather :	Ground Water (Depth/Elev.) :	
Drilling Method : Direct push	Drilling Fluid : None	Top of Rock (Depth/Elev.) :	

Depth (ft)	(in)	Sample Type/No.	PID (ppm)	Blow Count (per 6 in.) or Drilling Rate(min/ft)	Sample Recovery or REC & RQD	SAMPLE DESCRIPTION NOTE: Depths read from top of recovered sample	STRATIGRAPHIC DESCRIPTION
			0.0		40"		
	0-6"					organics, asphalt, frozen brown M sand	
	6-24"					M black sand, fill, brick fragments, slag pieces	
	24-31"					coal ash	
5	31-40"					wet F brown sand/silt	
						Sample 0-1' VOCs, PAHs, Pb	
						Sample 2-3' VOCs, PAHs, Pb	
						Sample 4-5' VOCs, PAHs, Pb HOLD	

SAMPLE TYPES:	Trace 0 to 5%	SPT Resistance		Approved/Date
SS=SPLIT SPOON	Few 5 to 10	Cohesionless Density: 0-4 V. Loose	Cohesive Consistency: 0-2 V. Soft	
ST=SHELBY TUBE	Little 15 to 2	5-9 Loose 10-29 Med. Dense	3-4 Soft, 5-8 M/Stiff, 9-15 Stiff	
R=ROCK CORE	Some 30 to	30-49 Dense 50+ V. Dense	16-30 V. Stiff, 31+ Hard	

AECOM USA, Inc. **GEOLOGIC LOG**

PROJECT : Factory H Supplemental Investigation CO#5		SHEET 1 of 1	BORING NO. ME-SS-01
SITE LOCATION: 77 Cooper St, 104 Butler St Meriden, CT	JOB NO.: 60073489 (Factory H Supplemental Investigation)	Elevation:	Total Depth:
	LOCATION: N: E:		
DRILL CONTRACTOR : ADT	ENG/GEO : Seremet/Perhala	DATE : 02-17-09	
DRILL RIG: Geoprobe 54LT	DRILLER : Jay	TIME : 1140	
Hole Size : 2"	Weather :	Ground Water (Depth/Elev.) :	
Drilling Method : Direct push	Drilling Fluid : None	Top of Rock (Depth/Elev.) :	

Depth (ft) (in)	Sample Type/No.	PID (ppm)	Blow Count (per 6 in.) or Drilling Rate(min/ft)	Sample Recovery or REC & RQD	SAMPLE DESCRIPTION NOTE: Depths read from top of recovered sample	STRATIGRAPHIC DESCRIPTION
		0.0		42"		
0-4"					gravel	
4-7"					Black asphalt, coal slag	
7-13"					M brown sand, some coal ash/slag	
13-33"					Fine brown/black sand trace coal ash, fill, brick fragments	
5 33-42"					M brown sand	
					Sample 0-1' Cu, Pb, PAHs sample @4-7"	

SAMPLE TYPES: SS=SPLIT SPOON ST=SHELBY TUBE R=ROCK CORE	Trace 0 to 5% Few 5 to 10 Little 15 to 2 Some 30 to	SPT Resistance Cohesionless Density: 0-4 V. Loose 5-9 Loose 10-29 Med. Dense 30-49 Dense 50+ V. Dense	Cohesive Consistency: 0-2 V. Soft 3-4 Soft, 5-8 M/Stiff, 9-15 Stiff 16-30 V. Stiff, 31+ Hard

Approved/Date

AECOM USA, Inc. **GEOLOGIC LOG**

PROJECT : Factory H Supplemental Investigation CO#5		SHEET 1 of 1	BORING NO. ME-SS-02
SITE LOCATION: 77 Cooper St, 104 Butler St Meriden, CT	JOB NO.: 60073489 (Factory H Supplemental Investigation)	Elevation:	Total Depth:
	LOCATION: N: E:		
DRILL CONTRACTOR : ADT	ENG/GEO : Seremet/Perhala	DATE : 02-17-09	
DRILL RIG: Geoprobe 54LT	DRILLER : Jay	TIME : 12:40	
Hole Size : 2"	Weather :	Ground Water (Depth/Elev.) :	
Drilling Method : Direct push	Drilling Fluid : None	Top of Rock (Depth/Elev.) :	

Depth (ft) (in)	Sample Type/No.	PID (ppm)	Blow Count (per 6 in.) or Drilling Rate(min/ft)	Sample Recovery or REC & RQD	SAMPLE DESCRIPTION NOTE: Depths read from top of recovered sample	STRATIGRAPHIC DESCRIPTION
		0.0		40"		
0-8"					gravel, rocks, concrete chunks, med brown sand	
8-30"					M brown sand, trace fill (coal ash, slag)	
30-40"					Fine brown sand	
5					Sample 0-1' Cu, Pb, PAHs sample @ 0-13"	
					Sample 0-1' Cu, Pb, PAHs sample @4-7"	

SAMPLE TYPES: SS=SPLIT SPOON ST=SHELBY TUBE R=ROCK CORE	Trace 0 to 5% Few 5 to 10 Little 15 to 2 Some 30 to	SPT Resistance Cohesionless Density: 0-4 V. Loose 5-9 Loose 10-29 Med. Dense 30-49 Dense 50+ V. Dense	Cohesive Consistency: 0-2 V. Soft 3-4 Soft, 5-8 M/Stiff, 9-15 Stiff 16-30 V. Stiff, 31+ Hard

Approved/Date

AECOM USA, Inc. **GEOLOGIC LOG**

PROJECT : Factory H Supplemental Investigation CO#5		SHEET 1 of 1	BORING NO. ME-SS-03
SITE LOCATION: 77 Cooper St, 104 Butler St Meriden, CT	JOB NO.: 60073489 (Factory H Supplemental Investigation)	Elevation:	Total Depth:
	LOCATION: N: E:		
DRILL CONTRACTOR : ADT	ENG/GEO : Seremet/Perhala	DATE : 02-17-09	
DRILL RIG: Geoprobe 54LT	DRILLER : Jay	TIME : 12:10	
Hole Size : 2"	Weather :	Ground Water (Depth/Elev.) :	
Drilling Method : Direct push	Drilling Fluid : None	Top of Rock (Depth/Elev.) :	

Depth (ft)	(in)	Sample Type/No.	PID (ppm)	Blow Count (per 6 in.) or Drilling Rate(min/ft)	Sample Recovery or REC & RQD	SAMPLE DESCRIPTION NOTE: Depths read from top of recovered sample	STRATIGRAPHIC DESCRIPTION
			0.0		42"		
	0-4"					Gravel	
	4-12"					Coal ash/slag M brown sand, gravel	
	12-24"					Fine brown sand, trace slag / ash	
	24-38"					Fine brown sand silt	
5	38-42"					Sample 0-1' Cu, Pb, PAHs sample @ 0-13"	
						Sample 0-1' Cu, Pb, PAHs sample @4-12"	

SAMPLE TYPES: SS=SPLIT SPOON ST=SHELBY TUBE R=ROCK CORE	Trace 0 to 5% Few 5 to 10 Little 15 to 2 Some 30 to	SPT Resistance Cohesionless Density: 0-4 V. Loose 5-9 Loose 10-29 Med. Dense 30-49 Dense 50+ V. Dense	Cohesive Consistency: 0-2 V. Soft 3-4 Soft, 5-8 M/Stiff, 9-15 Stiff 16-30 V. Stiff, 31+ Hard

Approved/Date

AECOM USA, Inc. **GEOLOGIC LOG**

PROJECT : Factory H Supplemental Investigation CO#5		SHEET 1 of 1	BORING NO. ME-SS-04
SITE LOCATION: 77 Cooper St, 104 Butler St Meriden, CT	JOB NO.: 60073489 (Factory H Supplemental Investigation)	Elevation:	Total Depth:
	LOCATION: N: E:		
DRILL CONTRACTOR : ADT	ENG/GEO : Seremet/Perhala	DATE : 02-17-09	
DRILL RIG: Geoprobe 54LT	DRILLER : Jay	TIME : 13:15	
Hole Size : 2"	Weather :	Ground Water (Depth/Elev.) :	
Drilling Method : Direct push	Drilling Fluid : None	Top of Rock (Depth/Elev.) :	

Depth (ft)	(in)	Sample Type/No.	PID (ppm)	Blow Count (per 6 in.) or Drilling Rate(min/ft)	Sample Recovery or REC & RQD	SAMPLE DESCRIPTION NOTE: Depths read from top of recovered sample	STRATIGRAPHIC DESCRIPTION
			0.0		40"		
	0-3"					Gravel	
	3-14"					M brown sand, some concrete chunks and coal ash	
	14-25"					Coal ash	
	25-36"					Fine sand, coal ash	
5	36-40"					Fine sand, silt	
						Sample 0-1' Cu, Pb, PAHs sample @3-14"	

SAMPLE TYPES: SS=SPLIT SPOON ST=SHELBY TUBE R=ROCK CORE	Trace 0 to 5% Few 5 to 10 Little 15 to 2 Some 30 to	SPT Resistance Cohesionless Density: 0-4 V. Loose 5-9 Loose 10-29 Med. Dense 30-49 Dense 50+ V. Dense	Cohesive Consistency: 0-2 V. Soft 3-4 Soft, 5-8 M/Stiff, 9-15 Stiff 16-30 V. Stiff, 31+ Hard

Approved/Date

AECOM USA, Inc. **GEOLOGIC LOG**

PROJECT : Factory H Supplemental Investigation CO#5		SHEET 1 of 1	BORING NO. ME-SS-05
SITE LOCATION: 77 Cooper St, 104 Butler St Meriden, CT	JOB NO.: 60073489 (Factory H Supplemental Investigation)	Elevation:	Total Depth:
	LOCATION: N: E:		
DRILL CONTRACTOR : ADT	ENG/GEO : Seremet/Perhala	DATE : 02-17-09	
DRILL RIG: Geoprobe 54LT	DRILLER : Jay	TIME : 12:00	
Hole Size : 2"	Weather :	Ground Water (Depth/Elev.) :	
Drilling Method : Direct push	Drilling Fluid : None	Top of Rock (Depth/Elev.) :	

Depth (ft) (in)	Sample Type/No.	PID (ppm)	Blow Count (per 6 in.) or Drilling Rate(min/ft)	Sample Recovery or REC & RQD	SAMPLE DESCRIPTION NOTE: Depths read from top of recovered sample	STRATIGRAPHIC DESCRIPTION
		0.0		38"		
0-2"					Gravel	
2-12"					Fine-Medium brown sand, few gravel, concrete chunks	
12-22"					Medium brown sand, gravel, coal ash	
22-38"					Fine brown sand/silt	
5						
					Sample 0-1' Cu, Pb, PAHs sample @2-12"	

SAMPLE TYPES: SS=SPLIT SPOON ST=SHELBY TUBE R=ROCK CORE	Trace 0 to 5% Few 5 to 10 Little 15 to 2 Some 30 to	SPT Resistance Cohesionless Density: 0-4 V. Loose 5-9 Loose 10-29 Med. Dense 30-49 Dense 50+ V. Dense	Cohesive Consistency: 0-2 V. Soft 3-4 Soft, 5-8 M/Stiff, 9-15 Stiff 16-30 V. Stiff, 31+ Hard

Approved/Date

AECOM USA, Inc. **GEOLOGIC LOG**

PROJECT : Factory H Supplemental Investigation CO#5		SHEET 1 of 1	BORING NO. ME-SS-06
SITE LOCATION: 77 Cooper St, 104 Butler St Meriden, CT	JOB NO.: 60073489 (Factory H Supplemental Investigation)	Elevation:	Total Depth:
	LOCATION: N: E:		
DRILL CONTRACTOR : ADT	ENG/GEO : Seremet/Perhala	DATE : 02-17-09	
DRILL RIG: Geoprobe 54LT	DRILLER : Jay	TIME : 13:40	
Hole Size : 2"	Weather :	Ground Water (Depth/Elev.) :	
Drilling Method : Direct push	Drilling Fluid : None	Top of Rock (Depth/Elev.) :	

Depth (ft) (in)	Sample Type/No.	PID (ppm)	Blow Count (per 6 in.) or Drilling Rate(min/ft)	Sample Recovery or REC & RQD	SAMPLE DESCRIPTION NOTE: Depths read from top of recovered sample	STRATIGRAPHIC DESCRIPTION
		0.0		33"		
0-6"					conrete chunks, gravel, organics, black Medium sand	
6-31"					Medium bown sand, fill , coal ash, brick fragments	
31-33"					Medium brown sand	
5						
					Sample 0-1' Cu, Pb, PAHs sample @0-14"	

SAMPLE TYPES: SS=SPLIT SPOON ST=SHELBY TUBE R=ROCK CORE	Trace 0 to 5% Few 5 to 10 Little 15 to 2 Some 30 to	SPT Resistance Cohesionless Density: 0-4 V. Loose 5-9 Loose 10-29 Med. Dense 30-49 Dense 50+ V. Dense	Cohesive Consistency: 0-2 V. Soft 3-4 Soft, 5-8 M/Stiff, 9-15 Stiff 16-30 V. Stiff, 31+ Hard	Approved/Date

AECOM USA, Inc. **GEOLOGIC LOG**

PROJECT : Factory H Supplemental Investigation CO#5		SHEET 1 of 1	BORING NO. ME-SS-07
SITE LOCATION: 77 Cooper St, 104 Butler St Meriden, CT	JOB NO.: 60073489 (Factory H Supplemental Investigation)	Elevation:	Total Depth:
	LOCATION: N: E:		
DRILL CONTRACTOR : ADT	ENG/GEO : Seremet/Perhala	DATE : 02-17-09	
DRILL RIG: Geoprobe 54LT	DRILLER : Jay	TIME : 10:20	
Hole Size : 2"	Weather :	Ground Water (Depth/Elev.) :	
Drilling Method : Direct push	Drilling Fluid : None	Top of Rock (Depth/Elev.) :	

Depth (ft) (in)	Sample Type/No.	PID (ppm)	Blow Count (per 6 in.) or Drilling Rate(min/ft)	Sample Recovery or REC & RQD	SAMPLE DESCRIPTION NOTE: Depths read from top of recovered sample	STRATIGRAPHIC DESCRIPTION
		0.0		39"		
0-6"					grass, organics, M-F sbrown sand, rocks, coal chips	
6-12"					Brick, coal ash	
12-30					Medium brown sand rocks, coal ash/slag	
30-39					clay/silt	
5						
					Sample 0-1' Cu, Pb, PAHs sample @0-6"	

SAMPLE TYPES: SS=SPLIT SPOON ST=SHELBY TUBE R=ROCK CORE	Trace 0 to 5% Few 5 to 10 Little 15 to 2 Some 30 to	SPT Resistance Cohesionless Density: 0-4 V. Loose 5-9 Loose 10-29 Med. Dense 30-49 Dense 50+ V. Dense	Cohesive Consistency: 0-2 V. Soft 3-4 Soft, 5-8 M/Stiff, 9-15 Stiff 16-30 V. Stiff, 31+ Hard

Approved/Date

AECOM USA, Inc. **GEOLOGIC LOG**

PROJECT : Factory H Supplemental Investigation CO#5		SHEET 1 of 1	BORING NO. ME-SS-08
SITE LOCATION: 77 Cooper St, 104 Butler St Meriden, CT	JOB NO.: 60073489 (Factory H Supplemental Investigation)	Elevation:	Total Depth:
	LOCATION: N: E:		
DRILL CONTRACTOR : ADT	ENG/GEO : Seremet/Perhala	DATE : 02-17-09	
DRILL RIG: Geoprobe 54LT	DRILLER : Jay	TIME : 14:00	
Hole Size : 2"	Weather :	Ground Water (Depth/Elev.) :	
Drilling Method : Direct push	Drilling Fluid : None	Top of Rock (Depth/Elev.) :	

Depth (ft) (in)	Sample Type/No.	PID (ppm)	Blow Count (per 6 in.) or Drilling Rate(min/ft)	Sample Recovery or REC & RQD	SAMPLE DESCRIPTION NOTE: Depths read from top of recovered sample	STRATIGRAPHIC DESCRIPTION
		0.0		30"		
0-4"					asphalt	
4-20"					Med brown sand	
20-30"					Fine-Medium brown sad, silt coal ash/slag	
5						
					Sample 0-1' Cu, Pb, PAHs sample @4-12"	
					Sample SSDUP @ 4-12" PAHs, Pb, Cu	

SAMPLE TYPES: SS=SPLIT SPOON ST=SHELBY TUBE R=ROCK CORE	Trace 0 to 5% Few 5 to 10 Little 15 to 2 Some 30 to	SPT Resistance Cohesionless Density: 0-4 V. Loose 5-9 Loose 10-29 Med. Dense 30-49 Dense 50+ V. Dense	Cohesive Consistency: 0-2 V. Soft 3-4 Soft, 5-8 M/Stiff, 9-15 Stiff 16-30 V. Stiff, 31+ Hard	Approved/Date

AECOM USA, Inc. **GEOLOGIC LOG**

PROJECT : Factory H Supplemental Investigation CO#5		SHEET 1 of 1	BORING NO. ME-SS-09
SITE LOCATION: 77 Cooper St, 104 Butler St Meriden, CT	JOB NO.: 60073489 (Factory H Supplemental Investigation)	Elevation:	Total Depth:
	LOCATION: N: E:		
DRILL CONTRACTOR : ADT	ENG/GEO : Seremet/Perhala	DATE : 02-17-09	
DRILL RIG: Geoprobe 54LT	DRILLER : Jay	TIME : 10:25	
Hole Size : 2"	Weather :	Ground Water (Depth/Elev.) :	
Drilling Method : Direct push	Drilling Fluid : None	Top of Rock (Depth/Elev.) :	

Depth (ft) (in)	Sample Type/No.	PID (ppm)	Blow Count (per 6 in.) or Drilling Rate(min/ft)	Sample Recovery or REC & RQD	SAMPLE DESCRIPTION NOTE: Depths read from top of recovered sample	STRATIGRAPHIC DESCRIPTION
		0.0		35"		
0-6"					concrete	
6-10"					Med brown sand SAMPLE	
10-12"					concrete	
12-18 "					Med brown sand SAMPLE	
18-33"					Med brown sand	
33-35"					wet med brown sand	
					Sample 0-0.5' 15 metals, ETPH, PAHs sample @6-10"	
					Sample 1-1.5' @ 12-18" 15 metals , PAHs, ETPH	

SAMPLE TYPES: SS=SPLIT SPOON ST=SHELBY TUBE R=ROCK CORE	Trace 0 to 5% Few 5 to 10 Little 15 to 2 Some 30 to	SPT Resistance Cohesionless Density: 0-4 V. Loose 5-9 Loose 10-29 Med. Dense 30-49 Dense 50+ V. Dense	Cohesive Consistency: 0-2 V. Soft 3-4 Soft, 5-8 M/Stiff, 9-15 Stiff 16-30 V. Stiff, 31+ Hard	Approved/Date

AECOM USA, Inc. **GEOLOGIC LOG**

PROJECT : Factory H Supplemental Investigation CO#5		SHEET 1 of 1	BORING NO. ME-SS-10
SITE LOCATION: 77 Cooper St, 104 Butler St Meriden, CT	JOB NO.: 60073489 (Factory H Supplemental Investigation)		
	LOCATION: N: E:	Elevation:	Total Depth:
DRILL CONTRACTOR : ADT	ENG/GEO : Seremet/Perhala	DATE : 02-17-09	
DRILL RIG: Geoprobe 54LT	DRILLER : Jay	TIME : 11:00	
Hole Size : 2"	Weather :	Ground Water (Depth/Elev.) :	
Drilling Method : Direct push	Drilling Fluid : None	Top of Rock (Depth/Elev.) :	

Depth (ft) (in)	Sample Type/No.	PID (ppm)	Blow Count (per 6 in.) or Drilling Rate(min/ft)	Sample Recovery or REC & RQD	SAMPLE DESCRIPTION NOTE: Depths read from top of recovered sample	STRATIGRAPHIC DESCRIPTION
		0.0		37"		
0-6"					asphalt	
6-12"					Med brown sand, some rocks and gravel	
12-31"					Med brown sand, coal ash/slag	
31-37"					Med-Coarse brown sand, wet, some gravel	
					Sample 0-1' @ 6-12" 15 metals , PAHs, ETPH	

SAMPLE TYPES:	Trace 0 to 5%	SPT Resistance		Approved/Date
SS=SPLIT SPOON	Few 5 to 10	Cohesionless Density: 0-4 V. Loose	Cohesive Consistency: 0-2 V. Soft	
ST=SHELBY TUBE	Little 15 to 2	5-9 Loose 10-29 Med. Dense	3-4 Soft, 5-8 M/Stiff, 9-15 Stiff	
R=ROCK CORE	Some 30 to	30-49 Dense 50+ V. Dense	16-30 V. Stiff, 31+ Hard	

AECOM USA, Inc. **GEOLOGIC LOG**

PROJECT : Factory H Supplemental Investigation CO#5		SHEET 1 of 1	BORING NO. ME-SS-11
SITE LOCATION: 77 Cooper St, 104 Butler St Meriden, CT	JOB NO.: 60073489 (Factory H Supplemental Investigation)	Elevation:	Total Depth:
	LOCATION: N: E:		
DRILL CONTRACTOR : ADT	ENG/GEO : Seremet/Perhala	DATE : 02-17-09	
DRILL RIG: Geoprobe 54LT	DRILLER : Jay	TIME : 2:40	
Hole Size : 2"	Weather :	Ground Water (Depth/Elev.) :	
Drilling Method : Direct push	Drilling Fluid : None	Top of Rock (Depth/Elev.) :	

Depth (ft) (in)	Sample Type/No.	PID (ppm)	Blow Count (per 6 in.) or Drilling Rate(min/ft)	Sample Recovery or REC & RQD	SAMPLE DESCRIPTION NOTE: Depths read from top of recovered sample	STRATIGRAPHIC DESCRIPTION
		0.0		24"		
0-6"					organics	
6-9"					brick	
9-16"					med gray sand and rocks	
16-24"					Med-Coarse brown sand, wet, some gravel	
					REDO BORING TO AVOID BRICKS & OBTAIN SU	
				18"		
0-6"					organics SAMPLE 14:45	
6-12"					brick	
12-18"					Medium gray sand and rocks SAMPLE 14:50	
					Sample 0-0.5' @ 0-6" 15 metals , PAHs, ETPH	
					Sample 1-1.5' @ 12-18" 15 metals , PAHs, ETPH	

SAMPLE TYPES: SS=SPLIT SPOON ST=SHELBY TUBE R=ROCK CORE	Trace 0 to 5% Few 5 to 10 Little 15 to 2 Some 30 to	SPT Resistance Cohesionless Density: 0-4 V. Loose 5-9 Loose 10-29 Med. Dense 30-49 Dense 50+ V. Dense	Cohesive Consistency: 0-2 V. Soft 3-4 Soft, 5-8 M/Stiff, 9-15 Stiff 16-30 V. Stiff, 31+ Hard	Approved/Date

AECOM USA, Inc. **GEOLOGIC LOG**

PROJECT : Factory H Supplemental Investigation CO#5		SHEET 1 of 1	BORING NO. ME-SS-12
SITE LOCATION: 77 Cooper St, 104 Butler St Meriden, CT	JOB NO.: 60073489 (Factory H Supplemental Investigation)	Elevation:	Total Depth:
	LOCATION: N: E:		
DRILL CONTRACTOR : ADT	ENG/GEO : Seremet/Perhala	DATE : 02-17-09	
DRILL RIG: Geoprobe 54LT	DRILLER : Jay	TIME : 10:15	
Hole Size : 2"	Weather :	Ground Water (Depth/Elev.) :	
Drilling Method : Direct push	Drilling Fluid : None	Top of Rock (Depth/Elev.) :	

Depth (ft) (in)	Sample Type/No.	PID (ppm)	Blow Count (per 6 in.) or Drilling Rate(min/ft)	Sample Recovery or REC & RQD	SAMPLE DESCRIPTION NOTE: Depths read from top of recovered sample	STRATIGRAPHIC DESCRIPTION
		0.0		31"		
0-4"					grass, roots, snow	
4-12"					Med-Fine sand little gravel, trace coal slag	
12-31"					Bricks	
31"					coal ash	
					Sample 0-1' @ 4-12" 15 metals , PAHs, ETPH	

SAMPLE TYPES:	Trace 0 to 5%	SPT Resistance		Approved/Date
SS=SPLIT SPOON	Few 5 to 10	Cohesionless Density: 0-4 V. Loose	Cohesive Consistency: 0-2 V. Soft	
ST=SHELBY TUBE	Little 15 to 2	5-9 Loose 10-29 Med. Dense	3-4 Soft, 5-8 M/Stiff, 9-15 Stiff	
R=ROCK CORE	Some 30 to	30-49 Dense 50+ V. Dense	16-30 V. Stiff, 31+ Hard	

Appendix C

Monitoring Well Construction Detail

Metcalf & Eddy, Inc.
ENGINEERS

MONITORING WELL CONSTRUCTION DETAIL

M&E Metcalf & Eddy

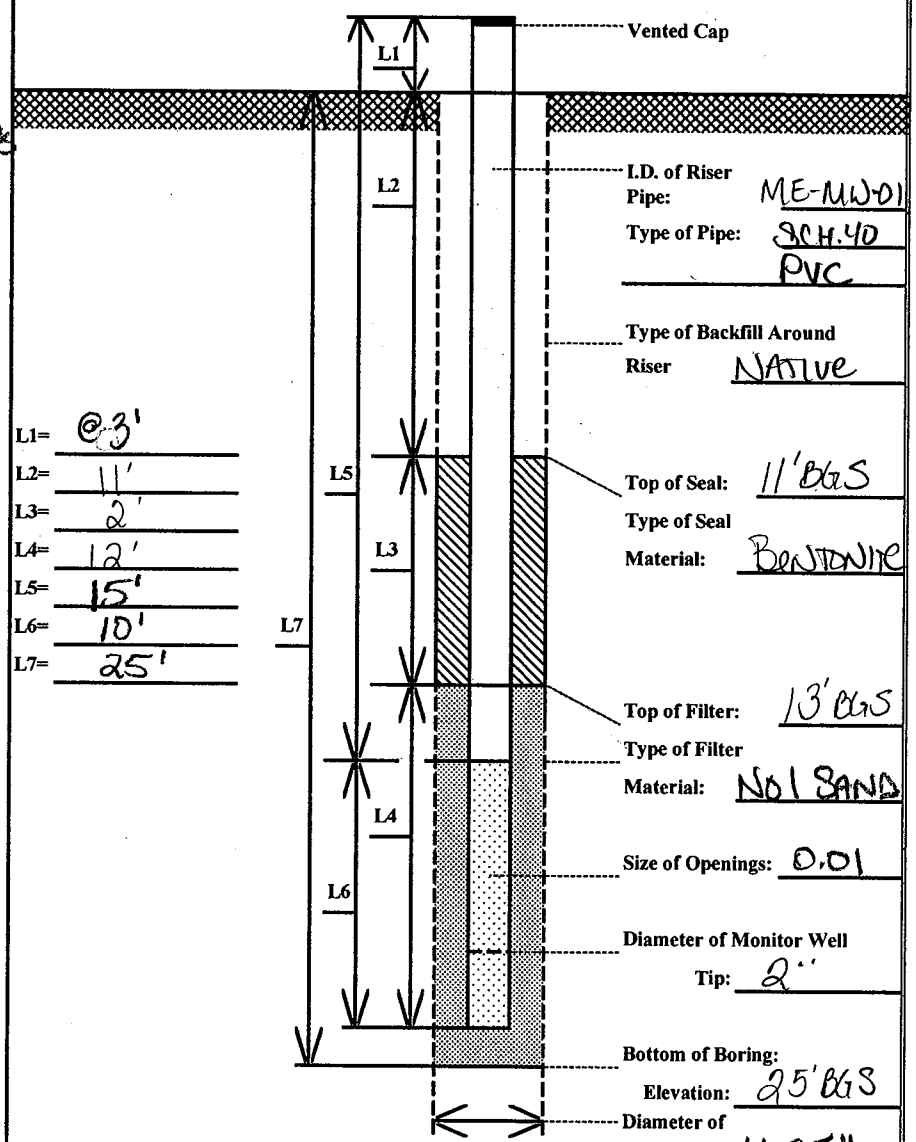
PROJECT: FACTORY H SUPPLEMENTAL INVESTIGATION		SHEET 1 of 1	WELL NO. ME-MW-01
SITE LOCATION: MERIDEN, CT	JOB NO: 60073489.03		
	LOCATION: N: E:		Elevation: / Total Depth: 25'
DRILL CONTRACTOR: ADT	ENG/GEO: J. PERHALA	DRILLER: JAY/SCOTT	DATE: 2-17-09
INSTALLATION METHOD: GP/HSA			TIME:
TYPE OF MONITORING WELL: 2" MONITORING WELL - OVERBURDEN			Ground Water (Depth/Elev.): @ 13'

MATERIALS USED

- 18' RISER
- 10' SCREEN
- 8 BAGS WELL SAND
- 1 BAG BENTONITE CHIPS
- 1 BAG CEMENT
- 1 STEEL STANDPIPE
- 1 ENDPT
- 1 GRIPPER CAP

Ground Elevation:

Top of Riser Elevation:



L1= @3'
L2= 11'
L3= 2'
L4= 12'
L5= 15'
L6= 10'
L7= 25'

I.D. of Riser Pipe: ME-MW-01

Type of Pipe: SCH.40 PVC

Type of Backfill Around Riser: NATIVE

Top of Seal: 11' BGS

Type of Seal Material: BENTONITE

Top of Filter: 13' BGS

Type of Filter Material: NO 1 SAND

Size of Openings: 0.01

Diameter of Monitor Well Tip: 2"

Bottom of Boring: Elevation: 25' BGS

Diameter of Boring: 4.25"

REMARKS:

P:\FORMS\Field Forms\[WellConstruction.xls]Well Construction

Metcalf & Eddy, Inc.
ENGINEERS

MONITORING WELL CONSTRUCTION DETAIL

M&E Metcalf & Eddy

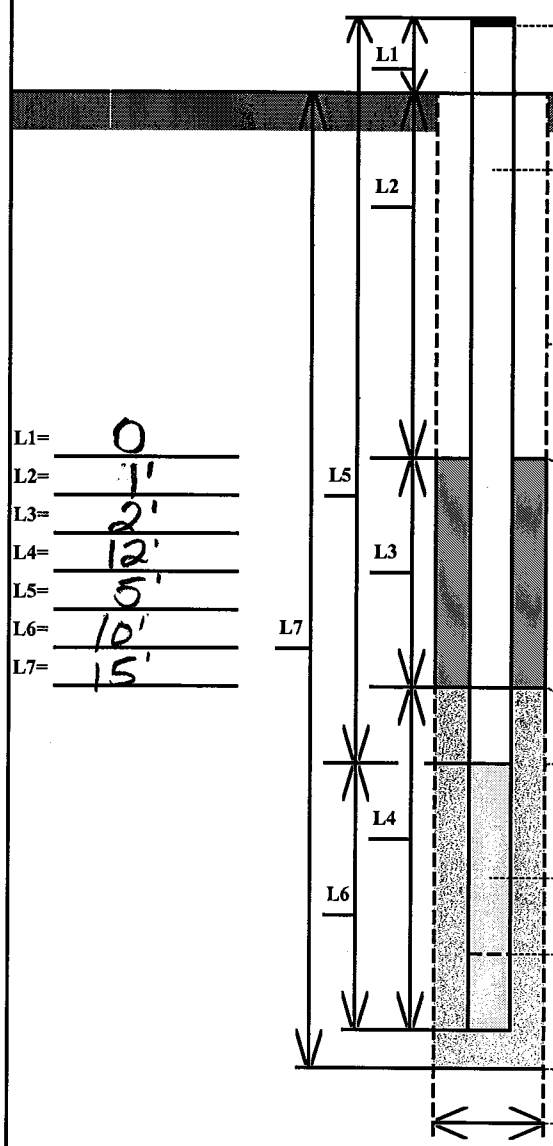
PROJECT: FACTORY H SUPPLEMENTAL INV.		SHEET 1 of 1	WELL NO. ME-MW-02
SITE LOCATION: MELROSE	JOB NO: 60073489.03		
	LOCATION: N: E:	Elevation:	Total Depth: 15'
DRILL CONTRACTOR: ADT	ENG/GEO: S. PERHACH	DRILLER: JASON/SCOTT	DATE: 2-19-09
INSTALLATION METHOD: GP			TIME:
TYPE OF MONITORING WELL: 2" MW			Ground Water (Depth/Elev.):

MATERIALS USED

5' RISER
10' SCREEN
8 BAGS WELL SAND
1 BAG BENTONITE
1 BAG CEMENT
1 8" FLUSH MT TOP
1 END PT
1 GRIPPER CAP

Ground Elevation: _____

Top of Riser Elevation: _____



L1= 0
L2= 1'
L3= 2'
L4= 12'
L5= 5'
L6= 10'
L7= 15'

Vented Cap

I.D. of Riser Pipe: ME-MW-02

Type of Pipe: SCH 40 PVC

Type of Backfill Around Riser: NATIVE

Top of Seal: 1' BGS

Type of Seal Material: BENTONITE

Top of Filter: 3' BGS

Type of Filter Material: NO 1 SAND

Size of Openings: 0.01

Diameter of Monitor Well Tip: 2"

Bottom of Boring: Elevation: 15' BGS

Diameter of Boring: 4.25"

REMARKS:

P:\FORMS\Field Forms\[WellConstruction.xls]Well Construction

Appendix D

Groundwater Sampling Logs

Well Purging-Field Water Quality Measurement Form

Location (Site/Facility Name): Factory H

Well # MW-01 AOC-11-SB Date: 3/12/2009

Field Personnel: S. Grose

Sampling Organization: AECOM Environment

Identify Measuring Point (MP): PVC

Screen Interval From MP in feet: Top | Bottom

Pump Intake depth (ft below MP):

Purging Device; (pump type): Peri-1

Weather: 90's sunny

Clock Time 24 HR	Water Depth below MP ft	Pump Dial[1]	Purge Rate ml/min	Cum. Volume Purged gal	Temp. °C	Spec. Cond.[2] µS/cm	pH s.u.	ORP/ Eh[3] mv	DO mg/L	Turb-idity NTU	Comments SA WATER 8.60
947	8.60	175	160		5.59	.193	6.08	150.1	1.27	287	Rust color
952	8.67	175	164		6.34	.190	6.09	151.2	.83	76.7	Slime when
958	8.68	175	160		6.34	.186	6.10	155.1	.69	36.2	15' started
958	6.68	175	166		6.46	.184	6.12	155.9	.69	55.72	pumping
1001	6.68	175	162		6.53	.183	6.13	155.2	.67	71.83	
1004	6.68	175	166		6.64	.184	6.14	145.7	.38	132	
1007	6.68	175	162		6.67	.184	6.18	137.2	.86	134	
1010	6.68	175	162		6.71	.185	6.20	130.9	.35	92.3	
1013	6.68	175	162		6.74	.190	6.21	126.2	.35	95.4	
1016	6.68	175	164		6.76	.195	6.23	123.0	.33	91.5	
											Sample at 10:17
											DNPL NO

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. µSiemens per cm (same as µmhos/cm at 25°C
3. Oxidation reduction potential (standard for Eh)

Temp +/- 3% ORP +/- 10 mV
Spec. Cond. +/- 3% DO +/- 10%
pH +/- 0.1 SU Turb. +/- 10% or <1

Well Purging-Field Water Quality Measurement Form

Location (Site/Facility Name): Factory H

Well # MW-01 AOC-3-SB Date: 3/12/2009

Field Personnel: S. Gosh

Sampling Organization: AECOM Environment

Identify Measuring Point (MP): PVC

Screen Interval From MP in feet: Top | Bottom

Pump Intake depth (ft below MP):

Purging Device; (pump type): Perry

Weather: 40's Sunny

Clock Time 24 HR	Water Depth below MP ft	Pump Dial[1]	Purge Rate ml/min	Cum. Volume Purged gal	Temp. °C	Spec. Cond.[2] µS/cm	pH s.u.	ORP/ Eh[3] mv	DO mg/L	Turb-idity NTU	Comments Stg. water 10:20
12:19	10.38	175	120		8.62	.456	6.60	8.0	2.82	42	
12:22	10.31	150	120		8.77	.468	6.65	-4.2	.92	22.4	
12:25	10.31	150	110		8.87	.472	6.71	-7.2	.36	17.3	
12:30	10.31	150	112		8.81	.475	6.71	-18.2	.89	13.6	
12:35	10.31	175	120		8.72	.475	6.68	-23.8	.80	12.9	
12:38	10.30	225	120		8.92	.474	6.66	-25.2	.77	10.3	
12:41	10.30	225	118		8.94	.474	6.69	-24.2	.62	8.55	
12:46	10.30	225	110		8.89	.473	6.66	-26.3	.57	5.38	
12:49	10.30	225	112		8.86	.472	6.64	-27.5	.50	5.19	
12:52	10.30	225	118		8.85	.472	6.66	-28.8	.49	5.19	
12:55	10.31	225	114		8.92	.472	6.68	-29.3	.49	5.21	
											Sample at 12:56

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. µSiemens per cm (same as µmhos/cm at 25°C
3. Oxidation reduction potential (standard for Eh)

Temp +/- 3% ORP +/- 10 mV
Spec. Cond. +/- 3% DO +/- 10%
pH +/- 0.1 SU Turb. +/- 10% or <1

Well Purging-Field Water Quality Measurement Form

Location (Site/Facility Name): Factory H

Well # MW-11 Date: 3/12/2009

Field Personnel: S. Gozar

Sampling Organization: AECOM Environment

Identify Measuring Point (MP): PVC

Screen Interval From MP in feet: Top | Bottom

Pump Intake depth (ft below MP):

Purging Device; (pump type): Perry

Weather: 40's Sunny

Clock Time 24 HR	Water Depth below MP ft	Pump Dial[1]	Purge Rate ml/min	Cum. Volume Purged gal	Temp. °C	Spec. Cond.[2] µS/cm	pH s.u.	ORP/ Eh[3] mv	DO mg/L	Turb-idity NTU	Comments
											Sta water 7:05
14:08	7.98	350	92		5.63	.314	6.26	178.5	10.81	10.24	
14:13	7.98	350	90		5.56	.307	6.11	184.0	10.05	7.02	
14:18	7.98	200	140		5.67	.304	6.11	193.5	10.02	3.48	
14:21	7.98	200	150		5.59	.302	6.08	197.3	10.03	2.00	
14:24	7.96	200	152		5.64	.302	6.08	199.8	10.02	1.70	
											Sample at 14:25

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. µSiemens per cm (same as µmhos/cm at 25°C
3. Oxidation reduction potential (standard for Eh)

Temp +/- 3% ORP +/- 10 mV
Spec. Cond. +/- 3% DO +/- 10%
pH +/- 0.1 SU Turb. +/- 10% or <1

Well Purging-Field Water Quality Measurement Form

Location (Site/Facility Name): Factory H		Screen Interval	Top / Bottom
Well # MW-102	Date: 3/12/2009	From MP in feet:	
Field Personnel: S. Gross		Pump Intake depth (ft below MP):	
Sampling Organization: AECOM Environment		Purging Device; (pump type): Rerup	
Identify Measuring Point (MP): PVC		Weather: 40 Sunny	

Clock Time 24 HR	Water Depth below MP ft	Pump Dial[1]	Purge Rate ml/min	Cum. Volume Purged gal	Temp. °C	Spec. Cond.[2] µS/cm	pH s.u.	ORP/ Eh[3] mv	DO mg/L	Turb-idity NTU	Comments 13.02
14 49	13.05	200	106		10.04	.608	6.76	198.7	4.91	8.57	
14 52	13.05	200	110		9.81	.604	6.75	195.2	4.34	6.83	
14 55	13.07	200	110		9.80	.607	6.76	193.0	4.21	4.25	
14 58	13.07	200	110		9.90	.613	6.78	190.4	4.19	4.03	
15.01	13.07	200	118		9.91	.616	6.79	188.5	4.24	3.36	
											Sample at 15-02

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. µSiemens per cm (same as µmhos/cm at 25°C
3. Oxidation reduction potential (standard for Eh)

Temp +/- 3%	ORP +/- 10 mV
Spec. Cond. +/- 3%	DO +/- 10%
pH +/- 0.1 SU	Turb. +/- 10% or <1

Well Purging-Field Water Quality Measurement Form

Location (Site/Facility Name): Factory H

Well # MEMW-02 (Middle)

Date: 3/12/2009

Field Personnel: SHORES

Sampling Organization: AECOM Environment

Identify Measuring Point (MP): PVC

Screen Interval	Top	Bottom
From MP in feet:		

Pump Intake depth (ft below MP):

Purging Device; (pump type): PERI

Weather: SUNNY 30°F

Clock Time 24 HR	Water Depth below MP ft	Pump Dial[1]	Purge Rate ml/min	Cum. Volume Purged gal	Temp. °C	Spec. Cond.[2] µS/cm	pH s.u.	ORP/ Eh[3] mv	DO mg/L	Turb-idity NTU	Comments
1017	8.0		132		5.52	434	7.42	169.4	5.23	64.4	
1022	8.23		120		5.63	428	8.35	163.8	5.70	67.7	
1027	8.29		120		5.61	354	8.65	132.9	6.44	85.3	
1034	8.39		124		6.05	316	9.90	104.7	7.04	64.9	
1039	8.46		124		6.34	344	8.86	140.8	6.73	42.2	
1044	8.53		120		6.71	355	7.99	193.8	5.93	22.7	
1049	8.60		120		6.97	364	7.43	219.6	5.01	14.0	

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. µSiemens per cm (same as µmhos/cm at 25°C
3. Oxidation reduction potential (standard for Eh)

Temp +/- 3% ORP +/- 10 mV
Spec. Cond. +/- 3% DO +/- 10%
pH +/- 0.1 SU Turb. +/- 10% or <1

1.5, purged

Static : 7.7'

Started @ 1014 AM

Sampled @ 1055

☆ No NAPL ☆

P:\Everyone\Forms\LOWFLOW

Well Purging-Field Water Quality Measurement Form

Location (Site/Facility Name): Factory H

Well # MW-100 Date: 3/12/2009

Field Personnel: SHCES

Sampling Organization: AECOM Environment

Identify Measuring Point (MP): PVC

Screen Interval	Top	Bottom
From MP in feet:		

Pump Intake depth (ft below MP):

Purging Device; (pump type): Peri

Weather: 40° Sunny

Clock Time 24 HR	Water Depth below MP ft	Pump Dial[1]	Purge Rate ml/min	Cum. Volume Purged gal	Temp. °C	Spec. Cond.[2] µS/cm	pH s.u.	ORP/ Eh[3] mv	DO mg/L	Turb-idity NTU	Comments
1253	15.57'		88		10.98	1032	6.84	193.2	5.40	67.8	
1258	15.6'		92		10.44	1023	6.76	196.7	4.93	66.9	
1303	15.7'		100		10.53	1020	6.73	196.5	4.82	54.7	
1308	15.7		96		10.59	1020	6.73	195.4	4.77	73.9	

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. µSiemens per cm (same as µmhos/cm at 25°C
3. Oxidation reduction potential (standard for Eh)

Temp +/- 3% ORP +/- 10 mV
Spec. Cond. +/- 3% DO +/- 10%
pH +/- 0.1 SU Turb. +/- 10% or <1

2.5 g purged

Static: 15.6'
Started Pumping @ 12:15 pm
Waited to monitor - notoriously erratic

Sampled @ 1310

P:\Everyone\Forms\LOWFLOW

Well Purging-Field Water Quality Measurement Form

Location (Site/Facility Name): Factory H

Well # MW 701 Date: 3/12/2009

Field Personnel: Stokes

Sampling Organization: AECOM Environment

Identify Measuring Point (MP): PVC

Screen Interval From MP in feet: Top | Bottom

Pump Intake depth (ft below MP):

Purging Device; (pump type): Peri

Weather: 42° Sunny

Clock Time 24 HR	Water Depth below MP ft	Pump Dial[1]	Purge Rate ml/min	Cum. Volume Purged gal	Temp. °C	Spec. Cond.[2] µS/cm	pH s.u.	ORP/ Eh[3] mv	DO mg/L	Turb-idity NTU	Comments
1319			88		12.11	928	6.73	193	2.41	44.3	
1326			112		12.38	857	6.68	192.7	1.16	12.4	
1331			126		12.44	840	6.67	192.3	1.00	5.33	
1335			120		12.39	828	6.67	192.0	0.92	3.27	
1338			120		12.29	820	6.67	182.5	0.83	0.89	

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. µSiemens per cm (same as µmhos/cm at 25°C
3. Oxidation reduction potential (standard for Eh)

Temp +/- 3% ORP +/- 10 mV
Spec. Cond. +/- 3% DO +/- 10%
pH +/- 0.1 SU Turb. +/- 10% or <1

1.5 g purged

Static 15.25'

Started Pumping @ 1310

SAMPLED @ 1345

Not possible - multiple tubings in 1" well, no space for meter

P:\Everyone\Forms\LOWFLOW

Well Purging-Field Water Quality Measurement Form

Location (Site/Facility Name): Factory H

Well # AOC-17 MW-1 Date: 3/12/2009

Field Personnel: SHORES

Sampling Organization: AECOM Environment

Identify Measuring Point (MP): PVC

Screen Interval	Top	Bottom
From MP in feet:		

Pump Intake depth (ft below MP):

Purging Device; (pump type): Peri

Weather: 45° Sunny

Clock Time 24 HR	Water Depth below MP ft	Pump Dial[1]	Purge Rate ml/min	Cum. Volume Purged gal	Temp. °C	Spec. Cond.[2] µS/cm	pH s.u.	ORP/ Eh[3] mv	DO mg/L	Turb-idity NTU	Comments
1420	13.56		156		9.77	546	6.42	-47	0.82	15.0	
1425	13.55		142		9.72	571	6.39	-54.5	0.45	6.91	
1430	13.54		140		9.68	565	6.39	-54.9	0.34	6.91	
1434	13.54		140		9.67	565	6.39	-55.6	0.28	4.03	
1437	13.54		140		9.60	570	6.39	-56.1	0.24	3.28	
1441	13.54		140		9.62	570	6.39	-55.8	0.21	3.09	

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. µSiemens per cm (same as µmhos/cm at 25°C
3. Oxidation reduction potential (standard for Eh)

Temp +/- 3% ORP +/- 10 mV
Spec. Cond. +/- 3% DO +/- 10%
pH +/- 0.1 SU Turb. +/- 10% or <1

1 gal purged

Static 13.05'

Started Pumping @ 1415

Sampled @ 1445

P:\Everyone\Forms\LOWFLOW

Well Purging-Field Water Quality Measurement Form

Location (Site/Facility Name): Factory H
Well # ME-MW-01 Date: 3/12/2009
Field Personnel: SHORES
Sampling Organization: AECOM Environment
Identify Measuring Point (MP): PVC

Screen Interval: Top / Bottom
From MP in feet:
Pump Intake depth (ft below MP):
Purging Device; (pump type): Peri
Weather: 45° Sunny

Clock Time 24 HR	Water Depth below MP ft	Pump Dial[1]	Purge Rate ml/min	Cum. Volume Purged gal	Temp. °C	Spec. Cond.[2] µS/cm	pH s.u.	ORP/ Eh[3] mv	DO mg/L	Turb-idity NTU	Comments
1457	15.01		184		11.35	552	6.68	77.8	0.57	3.25	
1501	15.01		144		11.35	546	6.68	95.2	1.54	4.59	
1506	15.01		142		11.24	549	6.67	107.4	0.88	4.36	
1510	15.01		140		11.26	547	6.66	115.2	0.55	3.71	
1515	15.01		140		11.27	547	6.66	120.5	0.42	4.11	
1520	15.01		140		11.20	549	6.66	127.1	0.34	3.72	

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. µSiemens per cm (same as µmhos/cm at 25°C
3. Oxidation reduction potential (standard for Eh)

Temp +/- 3% ORP +/- 10 mV
Spec. Cond. +/- 3% DO +/- 10%
pH +/- 0.1 SU Turb. +/- 10% or <1

Static: 14.37'
Started pumping @ 1450
Sampled @ 1523

Appendix E

Laboratory Analytical Data

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ANALYTICAL LABORATORY

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

REPORT DATE 3/2/2009

AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067
ATTN: S.PERHALA/J.BONDOS

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23332
JOB NUMBER: 60073489

PROJECT LOCATION: MERIDEN FACTORY H

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST	Subcontract Lab (if any) Cert. Nos.
ME-SB-06 0-1 FT	09B04561	SOIL	Not Specified	8260 dry weight	
ME-SB-06 0-1 FT	09B04561	SOIL	Not Specified	pah - sludge	
ME-SB-06 0-1 FT	09B04561	SOIL	Not Specified	pb (mg/kg)dw icp	
ME-SB-06 0-1 FT	09B04561	SOIL	Not Specified	solids (percent)	
ME-SB-06 2-3 FT	09B04562	SOIL	Not Specified	8260 dry weight	
ME-SB-06 2-3 FT	09B04562	SOIL	Not Specified	pah - sludge	
ME-SB-06 2-3 FT	09B04562	SOIL	Not Specified	pb (mg/kg)dw icp	
ME-SB-06 2-3 FT	09B04562	SOIL	Not Specified	solids (percent)	
ME-SB-07 0-1 FT	09B04563	SOIL	Not Specified	8260 dry weight	
ME-SB-07 0-1 FT	09B04563	SOIL	Not Specified	pah - sludge	
ME-SB-07 0-1 FT	09B04563	SOIL	Not Specified	pb (mg/kg)dw icp	
ME-SB-07 0-1 FT	09B04563	SOIL	Not Specified	solids (percent)	
ME-SB-07 2-4 FT	09B04564	SOIL	Not Specified	8260 dry weight	
ME-SB-07 2-4 FT	09B04564	SOIL	Not Specified	pah - sludge	
ME-SB-07 2-4 FT	09B04564	SOIL	Not Specified	pb (mg/kg)dw icp	
ME-SB-07 2-4 FT	09B04564	SOIL	Not Specified	solids (percent)	
ME-SB-DUP	09B04568	SOIL	Not Specified	8260 dry weight	
ME-SB-DUP	09B04568	SOIL	Not Specified	pah - sludge	
ME-SB-DUP	09B04568	SOIL	Not Specified	pb (mg/kg)dw icp	
ME-SB-DUP	09B04568	SOIL	Not Specified	solids (percent)	
ME-SS-01 0-1 FT	09B04553	SOIL	Not Specified	cu (mg/kg)dw icp	
ME-SS-01 0-1 FT	09B04553	SOIL	Not Specified	pah - sludge	
ME-SS-01 0-1 FT	09B04553	SOIL	Not Specified	pb (mg/kg)dw icp	
ME-SS-01 0-1 FT	09B04553	SOIL	Not Specified	solids (percent)	
ME-SS-02 0-1 FT	09B04554	SOIL	Not Specified	cu (mg/kg)dw icp	
ME-SS-02 0-1 FT	09B04554	SOIL	Not Specified	pah - sludge	
ME-SS-02 0-1 FT	09B04554	SOIL	Not Specified	pb (mg/kg)dw icp	
ME-SS-02 0-1 FT	09B04554	SOIL	Not Specified	solids (percent)	
ME-SS-03 0-1 FT	09B04555	SOIL	Not Specified	cu (mg/kg)dw icp	
ME-SS-03 0-1 FT	09B04555	SOIL	Not Specified	pah - sludge	
ME-SS-03 0-1 FT	09B04555	SOIL	Not Specified	pb (mg/kg)dw icp	
ME-SS-03 0-1 FT	09B04555	SOIL	Not Specified	solids (percent)	
ME-SS-04 0-1 FT	09B04556	SOIL	Not Specified	cu (mg/kg)dw icp	
ME-SS-04 0-1 FT	09B04556	SOIL	Not Specified	pah - sludge	
ME-SS-04 0-1 FT	09B04556	SOIL	Not Specified	pb (mg/kg)dw icp	
ME-SS-04 0-1 FT	09B04556	SOIL	Not Specified	solids (percent)	
ME-SS-05 0-1 FT	09B04557	SOIL	Not Specified	cu (mg/kg)dw icp	
ME-SS-05 0-1 FT	09B04557	SOIL	Not Specified	pah - sludge	
ME-SS-05 0-1 FT	09B04557	SOIL	Not Specified	pb (mg/kg)dw icp	

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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067
ATTN: S.PERHALA/J.BONDOS

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23332
JOB NUMBER: 60073489

ME-SS-05 0-1 FT	09B04557	SOIL	Not Specified	solids (percent)
ME-SS-06 0-1 FT	09B04558	SOIL	Not Specified	cu (mg/kg)dw icp
ME-SS-06 0-1 FT	09B04558	SOIL	Not Specified	pah - sludge
ME-SS-06 0-1 FT	09B04558	SOIL	Not Specified	pb (mg/kg)dw icp
ME-SS-06 0-1 FT	09B04558	SOIL	Not Specified	solids (percent)
ME-SS-07 0-1 FT	09B04559	SOIL	Not Specified	cu (mg/kg)dw icp
ME-SS-07 0-1 FT	09B04559	SOIL	Not Specified	pah - sludge
ME-SS-07 0-1 FT	09B04559	SOIL	Not Specified	pb (mg/kg)dw icp
ME-SS-07 0-1 FT	09B04559	SOIL	Not Specified	solids (percent)
ME-SS-08 0-1 FT	09B04560	SOIL	Not Specified	cu (mg/kg)dw icp
ME-SS-08 0-1 FT	09B04560	SOIL	Not Specified	pah - sludge
ME-SS-08 0-1 FT	09B04560	SOIL	Not Specified	pb (mg/kg)dw icp
ME-SS-08 0-1 FT	09B04560	SOIL	Not Specified	solids (percent)
ME-SS-09 1-1.5 FT	09B04570	SOIL	Not Specified	etph dry weight
ME-SS-09 1-1.5 FT	09B04570	SOIL	Not Specified	metals(15pp)sicp
ME-SS-09 1-1.5 FT	09B04570	SOIL	Not Specified	pah - sludge
ME-SS-09 1-1.5 FT	09B04570	SOIL	Not Specified	solids (percent)
ME-SS-10 0-1 FT	09B04565	SOIL	Not Specified	etph dry weight
ME-SS-10 0-1 FT	09B04565	SOIL	Not Specified	metals(15pp)sicp
ME-SS-10 0-1 FT	09B04565	SOIL	Not Specified	pah - sludge
ME-SS-10 0-1 FT	09B04565	SOIL	Not Specified	solids (percent)
ME-SS-11 1-1.5 FT	09B04566	SOIL	Not Specified	etph dry weight
ME-SS-11 1-1.5 FT	09B04566	SOIL	Not Specified	metals(15pp)sicp
ME-SS-11 1-1.5 FT	09B04566	SOIL	Not Specified	pah - sludge
ME-SS-11 1-1.5 FT	09B04566	SOIL	Not Specified	solids (percent)
ME-SS-12 0-1 FT	09B04567	SOIL	Not Specified	etph dry weight
ME-SS-12 0-1 FT	09B04567	SOIL	Not Specified	metals(15pp)sicp
ME-SS-12 0-1 FT	09B04567	SOIL	Not Specified	pah - sludge
ME-SS-12 0-1 FT	09B04567	SOIL	Not Specified	solids (percent)
ME-SS-DUP	09B04569	SOIL	Not Specified	cu (mg/kg)dw icp
ME-SS-DUP	09B04569	SOIL	Not Specified	pah - sludge
ME-SS-DUP	09B04569	SOIL	Not Specified	pb (mg/kg)dw icp
ME-SS-DUP	09B04569	SOIL	Not Specified	solids (percent)
TRIP BLANK 02170	09B04571	LIQUIDS	Not Specified	8260 solid

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REPORT DATE 3/2/2009

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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067
ATTN: S.PERHALA/J.BONDOS

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23332
JOB NUMBER: 60073489

Comments :

LIMS BATCH NO. : LIMT-23332

CASE NARRATIVE SUMMARY

Recommended sample holding times were not exceeded for all samples analyzed by method(s) listed unless listed below: None Exceeded

All samples for the method(s) listed were received preserved properly in the proper containers at 4 degrees C +/- 2 degrees as specified on the chain-of-custody form unless listed below:
All properly preserved

In method 8260 soil and solid, the initial and/or continuing calibration did not meet method specifications. For samples 09B04561 - 564, 568, and 571, Acetone, tert-Butyl Alcohol, 2-Butanone, Tetrahydrofuran, and 1,4-Dioxane were calibrated with a relative response factor <0.05.

In method 8260 for sample 09B04561, the matrix spike recovery for tert-Butyl Alcohol is biased on the low side. Analysis is in control based on laboratory control sample. Possibility of sample matrix effects that lead to low bias for reported results cannot be eliminated.

In method 6010, the low level calibration check is outside control limits for Zn. Reported results for this element at or near the detection limit may be bias on the high side.

In method 6010, the matrix spike is outside of control limits for Cu and Pb. Analysis is in control based on laboratory fortified blank recovery. Sample non-homogeneity may have contributed to the outlier. Possibility of sample matrix effects that may lead to a low bias for reported results cannot be eliminated. Recoveries were greater than 30%, no corrective action is necessary.

There are no other issues which affect the usability of the data.

DETAILED CASE NARRATIVE

METHOD SW846 8260 SOIL - ADDITIONAL COMMENTS

In method 8260 soil and solid for Bromomethane and Bromoform in samples 09B04561 - 564, 568, and 571, data is not affected by continuing calibration non-conformance since bias is on the high side and all results are "not detected".

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, and Bromomethane.
Additional difficult analytes in water only: 2,2-Dichloropropane and Tetrachloroethylene
Additional difficult analytes in soil only: Acrylonitrile, 1,2,3-Trichloropropane, Methylene Chloride, n-Butylbenzene, and Tert-butylbenzene.
Compounds outside of control limits:
None outside of control limits

In method 8260 soil, data is not affected by laboratory fortified blank (laboratory control sample) recovery outlier(s) for Bromoform since all results are "not detected" and recovery bias is on the high side.

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CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23332
JOB NUMBER: 60073489

All 8260 MS and MSD recoveries, sample duplicate RPD's, and MSD RPD's, if requested in this batch, were within control limits specified by the method unless listed below:

In method 8260 soil for sample 09B04561, data is not affected by matrix spike recovery outlier(s) for Acetone since all results are "not detected" and recovery bias is on the high side.

CT ETPH METHOD - ADDITIONAL COMMENTS

In method CT ETPH, sample 09B04565 (x10) was diluted because undiluted results were over the verified linear calibration range.

METHOD SW846-6010 - ADDITIONAL DETAILS

A duplicate and matrix spike were performed on sample 09B04553.

Only Cu and Pb results were requested and reported for samples 09B04553 - 04560, and 04569.
Only Pb results were requested and reported for samples 09B04561 - 04564, and 04568.

METHOD SW846 8270 SOLID - ADDITIONAL COMMENTS

If dilutions were performed only one dilution within the linear calibrated region of the curve is reported.
All 8270 samples were analyzed undiluted unless specified below:

Sample	Dilution(s)
09B04554	2x, 20x
09B04558	4x
09B04559	1x, 5x
09B04560	2x
09B04561	2x
09B04563	5x
09B04565	2x
09B04567	5x
09B04569	2x

In method 8270 sample(s) 09B04554, 09B04558-09B04561, 09B04563, 09B04565, 09B04567 and 09B04569 were diluted due to high levels of target or non-target compounds in the sample.

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
Compounds outside of control limits:
None outside of control limits

All RCP analyte list compounds were reported for method 8270 unless listed below:

Only PAH compounds were requested and reported.

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

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REPORT DATE 3/2/2009

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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067
ATTN: S.PERHALA/J.BONDOS

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23332
JOB NUMBER: 60073489

these levels, unless specified below:
All other requested reporting limits are met.

The results of analyses performed are based on samples as submitted to the laboratory and relate only to the items collected and tested.

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations. AIHA accreditations only apply to NIOSH methods and Environmental Lead Analyses.

AIHA 100033	AIHA ELLAP (LEAD) 100033	NORTH CAROLINA CERT. # 652
MASSACHUSETTS MA0100	NEW HAMPSHIRE NELAP 2516	NEW JERSEY NELAP NJ MA007 (AIR)
CONNECTICUT PH-0567	VERMONT DOH (LEAD) No. LL015036	FLORIDA DOH E871027 (AIR)
NEW YORK ELAP/NELAP 10899	RHODE ISLAND (LIC. No. 112)	

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

SIGNATURE DATE 3/2/09

Tod Kopyscinski
Air Laboratory Manager

Michael Erickson
Assistant Laboratory Director

Edward Denson
Technical Director

Daren Damboragian
Organics Department Supervisor

* See end of data tabulation for notes and comments pertaining to this sample

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S.PERHALA/J.BONDOS
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SB-06 0-1 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04561 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	mg/kg dry wt	ND	02/19/09	MFF	0.100			
Acrylonitrile	mg/kg dry wt	ND	02/19/09	MFF	0.006			
tert-Amylmethyl Ether	mg/kg dry wt	ND	02/19/09	MFF	0.001			
Benzene	mg/kg dry wt	ND	02/19/09	MFF	0.002			
Bromobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.002			
Bromochloromethane	mg/kg dry wt	ND	02/19/09	MFF	0.002			
Bromodichloromethane	mg/kg dry wt	ND	02/19/09	MFF	0.002			
Bromoform	mg/kg dry wt	ND	02/19/09	MFF	0.002			
Bromomethane	mg/kg dry wt	ND	02/19/09	MFF	0.010			
2-Butanone (MEK)	mg/kg dry wt	ND	02/19/09	MFF	0.040			
tert-Butyl Alcohol	mg/kg dry wt	ND	02/19/09	MFF	0.040			
n-Butylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.002			
sec-Butylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.002			
tert-Butylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.002			
tert-Butylethyl Ether	mg/kg dry wt	ND	02/19/09	MFF	0.001			
Carbon Disulfide	mg/kg dry wt	ND	02/19/09	MFF	0.006			
Carbon Tetrachloride	mg/kg dry wt	ND	02/19/09	MFF	0.002			
Chlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.002			
Chlorodibromomethane	mg/kg dry wt	ND	02/19/09	MFF	0.001			
Chloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.020			
Chloroform	mg/kg dry wt	ND	02/19/09	MFF	0.004			
Chloromethane	mg/kg dry wt	ND	02/19/09	MFF	0.010			
2-Chlorotoluene	mg/kg dry wt	ND	02/19/09	MFF	0.002			
4-Chlorotoluene	mg/kg dry wt	ND	02/19/09	MFF	0.002			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt	ND	02/19/09	MFF	0.002			
1,2-Dibromoethane	mg/kg dry wt	ND	02/19/09	MFF	0.001			
Dibromomethane	mg/kg dry wt	ND	02/19/09	MFF	0.002			
1,2-Dichlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.002			
1,3-Dichlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.002			

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

‡ = See attached chain-of-custody record for time sampled

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S.PERHALA/J.BONDOS
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SB-06 0-1 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04561 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
1,4-Dichlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.002			
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	02/19/09	MFF	0.004			
Dichlorodifluoromethane	mg/kg dry wt	ND	02/19/09	MFF	0.020			
1,1-Dichloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.002			
1,2-Dichloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.002			
1,1-Dichloroethylene	mg/kg dry wt	ND	02/19/09	MFF	0.004			
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	02/19/09	MFF	0.002			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	02/19/09	MFF	0.002			
1,2-Dichloropropane	mg/kg dry wt	ND	02/19/09	MFF	0.002			
1,3-Dichloropropane	mg/kg dry wt	ND	02/19/09	MFF	0.001			
2,2-Dichloropropane	mg/kg dry wt	ND	02/19/09	MFF	0.002			
1,1-Dichloropropene	mg/kg dry wt	ND	02/19/09	MFF	0.002			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	02/19/09	MFF	0.001			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	02/19/09	MFF	0.001			
Diethyl Ether	mg/kg dry wt	ND	02/19/09	MFF	0.020			
Diisopropyl Ether	mg/kg dry wt	ND	02/19/09	MFF	0.001			
1,4-Dioxane	mg/kg dry wt	ND	02/19/09	MFF	0.100			
Ethyl Benzene	mg/kg dry wt	ND	02/19/09	MFF	0.002			
Hexachlorobutadiene	mg/kg dry wt	ND	02/19/09	MFF	0.002			
2-Hexanone	mg/kg dry wt	ND	02/19/09	MFF	0.020			
Isopropylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.002			
p-Isopropyltoluene	mg/kg dry wt	ND	02/19/09	MFF	0.002			
MTBE	mg/kg dry wt	ND	02/19/09	MFF	0.004			
Methylene Chloride	mg/kg dry wt	ND	02/19/09	MFF	0.020			
MIBK	mg/kg dry wt	ND	02/19/09	MFF	0.020			
Naphthalene	mg/kg dry wt	ND	02/19/09	MFF	0.004			
n-Propylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.002			
Styrene	mg/kg dry wt	ND	02/19/09	MFF	0.002			
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.002			

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‡ = See attached chain-of-custody record for time sampled

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S.PERHALA/J.BONDOS
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SB-06 0-1 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04561 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.001			
Tetrachloroethylene	mg/kg dry wt	ND	02/19/09	MFF	0.002			
Tetrahydrofuran	mg/kg dry wt	ND	02/19/09	MFF	0.010			
Toluene	mg/kg dry wt	ND	02/19/09	MFF	0.002			
1,2,3-Trichlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.002			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.002			
1,3,5-Trichlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.002			
1,1,1-Trichloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.002			
1,1,2-Trichloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.002			
Trichloroethylene	mg/kg dry wt	ND	02/19/09	MFF	0.002			
Trichlorofluoromethane	mg/kg dry wt	ND	02/19/09	MFF	0.010			
1,2,3-Trichloropropane	mg/kg dry wt	ND	02/19/09	MFF	0.002			
1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg dry wt	ND	02/19/09	MFF	0.010			
1,2,4-Trimethylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.002			
1,3,5-Trimethylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.002			
Vinyl Chloride	mg/kg dry wt	ND	02/19/09	MFF	0.010			
m + p Xylene	mg/kg dry wt	ND	02/19/09	MFF	0.004			
o-Xylene	mg/kg dry wt	ND	02/19/09	MFF	0.002			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit
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NM = Not Measured

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AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SB-06 2-3 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04562

‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	mg/kg dry wt	ND	02/19/09	MFF	0.15			
Acrylonitrile	mg/kg dry wt	ND	02/19/09	MFF	0.009			
tert-Amylmethyl Ether	mg/kg dry wt	ND	02/19/09	MFF	0.002			
Benzene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Bromobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Bromochloromethane	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Bromodichloromethane	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Bromoform	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Bromomethane	mg/kg dry wt	ND	02/19/09	MFF	0.015			
2-Butanone (MEK)	mg/kg dry wt	ND	02/19/09	MFF	0.058			
tert-Butyl Alcohol	mg/kg dry wt	ND	02/19/09	MFF	0.058			
n-Butylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
sec-Butylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
tert-Butylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
tert-Butylethyl Ether	mg/kg dry wt	ND	02/19/09	MFF	0.002			
Carbon Disulfide	mg/kg dry wt	ND	02/19/09	MFF	0.009			
Carbon Tetrachloride	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Chlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Chlorodibromomethane	mg/kg dry wt	ND	02/19/09	MFF	0.002			
Chloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.029			
Chloroform	mg/kg dry wt	ND	02/19/09	MFF	0.006			
Chloromethane	mg/kg dry wt	ND	02/19/09	MFF	0.015			
2-Chlorotoluene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
4-Chlorotoluene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt	ND	02/19/09	MFF	0.003			
1,2-Dibromoethane	mg/kg dry wt	ND	02/19/09	MFF	0.002			
Dibromomethane	mg/kg dry wt	ND	02/19/09	MFF	0.003			
1,2-Dichlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
1,3-Dichlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.003			

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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SB-06 2-3 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04562 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	02/19/09	MFF	0.006			
Dichlorodifluoromethane	mg/kg dry wt	ND	02/19/09	MFF	0.029			
1,1-Dichloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.003			
1,2-Dichloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.003			
1,1-Dichloroethylene	mg/kg dry wt	ND	02/19/09	MFF	0.006			
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
1,2-Dichloropropane	mg/kg dry wt	ND	02/19/09	MFF	0.003			
1,3-Dichloropropane	mg/kg dry wt	ND	02/19/09	MFF	0.002			
2,2-Dichloropropane	mg/kg dry wt	ND	02/19/09	MFF	0.003			
1,1-Dichloropropene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	02/19/09	MFF	0.002			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	02/19/09	MFF	0.002			
Diethyl Ether	mg/kg dry wt	ND	02/19/09	MFF	0.029			
Diisopropyl Ether	mg/kg dry wt	ND	02/19/09	MFF	0.002			
1,4-Dioxane	mg/kg dry wt	ND	02/19/09	MFF	0.15			
Ethyl Benzene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Hexachlorobutadiene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
2-Hexanone	mg/kg dry wt	ND	02/19/09	MFF	0.029			
Isopropylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
p-Isopropyltoluene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
MTBE	mg/kg dry wt	ND	02/19/09	MFF	0.006			
Methylene Chloride	mg/kg dry wt	ND	02/19/09	MFF	0.029			
MIBK	mg/kg dry wt	ND	02/19/09	MFF	0.029			
Naphthalene	mg/kg dry wt	ND	02/19/09	MFF	0.006			
n-Propylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Styrene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.003			

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ROCKY HILL, CT 06067

3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SB-06 2-3 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04562

‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.002			
Tetrachloroethylene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Tetrahydrofuran	mg/kg dry wt	ND	02/19/09	MFF	0.015			
Toluene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
1,2,3-Trichlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
1,3,5-Trichlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
1,1,1-Trichloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.003			
1,1,2-Trichloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Trichloroethylene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Trichlorofluoromethane	mg/kg dry wt	ND	02/19/09	MFF	0.015			
1,2,3-Trichloropropane	mg/kg dry wt	ND	02/19/09	MFF	0.003			
1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg dry wt	ND	02/19/09	MFF	0.015			
1,2,4-Trimethylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
1,3,5-Trimethylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Vinyl Chloride	mg/kg dry wt	ND	02/19/09	MFF	0.015			
m + p Xylene	mg/kg dry wt	ND	02/19/09	MFF	0.006			
o-Xylene	mg/kg dry wt	ND	02/19/09	MFF	0.003			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SB-07 0-1 FT
Sample ID : 09B04563
‡Sampled : 2/17/2009
Not Specified
Sample Matrix: SOIL

LIMS-BAT #: LIMT-23332
Job Number: 60073489

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Acetone	mg/kg dry wt	ND	02/19/09	MFF	0.24			
Acrylonitrile	mg/kg dry wt	ND	02/19/09	MFF	0.014			
tert-Amylmethyl Ether	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Benzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Bromobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Bromochloromethane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Bromodichloromethane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Bromoform	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Bromomethane	mg/kg dry wt	ND	02/19/09	MFF	0.024			
2-Butanone (MEK)	mg/kg dry wt	ND	02/19/09	MFF	0.093			
tert-Butyl Alcohol	mg/kg dry wt	ND	02/19/09	MFF	0.093			
n-Butylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
sec-Butylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
tert-Butylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
tert-Butylethyl Ether	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Carbon Disulfide	mg/kg dry wt	ND	02/19/09	MFF	0.014			
Carbon Tetrachloride	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Chlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Chlorodibromomethane	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Chloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.047			
Chloroform	mg/kg dry wt	ND	02/19/09	MFF	0.010			
Chloromethane	mg/kg dry wt	ND	02/19/09	MFF	0.024			
2-Chlorotoluene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
4-Chlorotoluene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,2-Dibromoethane	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Dibromomethane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,2-Dichlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,3-Dichlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			

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ROCKY HILL, CT 06067

3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SB-07 0-1 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04563

‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
1,4-Dichlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	02/19/09	MFF	0.010			
Dichlorodifluoromethane	mg/kg dry wt	ND	02/19/09	MFF	0.047			
1,1-Dichloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,2-Dichloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,1-Dichloroethylene	mg/kg dry wt	ND	02/19/09	MFF	0.010			
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,2-Dichloropropane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,3-Dichloropropane	mg/kg dry wt	ND	02/19/09	MFF	0.003			
2,2-Dichloropropane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,1-Dichloropropene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Diethyl Ether	mg/kg dry wt	ND	02/19/09	MFF	0.047			
Diisopropyl Ether	mg/kg dry wt	ND	02/19/09	MFF	0.003			
1,4-Dioxane	mg/kg dry wt	ND	02/19/09	MFF	0.24			
Ethyl Benzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Hexachlorobutadiene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
2-Hexanone	mg/kg dry wt	ND	02/19/09	MFF	0.047			
Isopropylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
p-Isopropyltoluene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
MTBE	mg/kg dry wt	ND	02/19/09	MFF	0.010			
Methylene Chloride	mg/kg dry wt	ND	02/19/09	MFF	0.047			
MIBK	mg/kg dry wt	ND	02/19/09	MFF	0.047			
Naphthalene	mg/kg dry wt	ND	02/19/09	MFF	0.010			
n-Propylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Styrene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.005			

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ROCKY HILL, CT 06067

3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SB-07 0-1 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04563

‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Tetrachloroethylene	mg/kg dry wt	0.008	02/19/09	MFF	0.005			
Tetrahydrofuran	mg/kg dry wt	ND	02/19/09	MFF	0.024			
Toluene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,2,3-Trichlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,3,5-Trichlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,1,1-Trichloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,1,2-Trichloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Trichloroethylene	mg/kg dry wt	0.12	02/19/09	MFF	0.005			
Trichlorofluoromethane	mg/kg dry wt	ND	02/19/09	MFF	0.024			
1,2,3-Trichloropropane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg dry wt	ND	02/19/09	MFF	0.024			
1,2,4-Trimethylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,3,5-Trimethylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Vinyl Chloride	mg/kg dry wt	ND	02/19/09	MFF	0.024			
m + p Xylene	mg/kg dry wt	ND	02/19/09	MFF	0.010			
o-Xylene	mg/kg dry wt	ND	02/19/09	MFF	0.005			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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‡ = See attached chain-of-custody record for time sampled

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S.PERHALA/J.BONDOS
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SB-07 2-4 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04564

‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	mg/kg dry wt	ND	02/19/09	MFF	0.23			
Acrylonitrile	mg/kg dry wt	ND	02/19/09	MFF	0.014			
tert-Amylmethyl Ether	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Benzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Bromobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Bromochloromethane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Bromodichloromethane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Bromoform	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Bromomethane	mg/kg dry wt	ND	02/19/09	MFF	0.023			
2-Butanone (MEK)	mg/kg dry wt	ND	02/19/09	MFF	0.089			
tert-Butyl Alcohol	mg/kg dry wt	ND	02/19/09	MFF	0.089			
n-Butylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
sec-Butylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
tert-Butylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
tert-Butylethyl Ether	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Carbon Disulfide	mg/kg dry wt	ND	02/19/09	MFF	0.014			
Carbon Tetrachloride	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Chlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Chlorodibromomethane	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Chloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.045			
Chloroform	mg/kg dry wt	ND	02/19/09	MFF	0.009			
Chloromethane	mg/kg dry wt	ND	02/19/09	MFF	0.023			
2-Chlorotoluene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
4-Chlorotoluene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,2-Dibromoethane	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Dibromomethane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,2-Dichlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,3-Dichlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			

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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SB-07 2-4 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04564

‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	02/19/09	MFF	0.009			
Dichlorodifluoromethane	mg/kg dry wt	ND	02/19/09	MFF	0.045			
1,1-Dichloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,2-Dichloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,1-Dichloroethylene	mg/kg dry wt	ND	02/19/09	MFF	0.009			
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,2-Dichloropropane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,3-Dichloropropane	mg/kg dry wt	ND	02/19/09	MFF	0.003			
2,2-Dichloropropane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,1-Dichloropropene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Diethyl Ether	mg/kg dry wt	ND	02/19/09	MFF	0.045			
Diisopropyl Ether	mg/kg dry wt	ND	02/19/09	MFF	0.003			
1,4-Dioxane	mg/kg dry wt	ND	02/19/09	MFF	0.23			
Ethyl Benzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Hexachlorobutadiene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
2-Hexanone	mg/kg dry wt	ND	02/19/09	MFF	0.045			
Isopropylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
p-Isopropyltoluene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
MTBE	mg/kg dry wt	ND	02/19/09	MFF	0.009			
Methylene Chloride	mg/kg dry wt	ND	02/19/09	MFF	0.045			
MIBK	mg/kg dry wt	ND	02/19/09	MFF	0.045			
Naphthalene	mg/kg dry wt	ND	02/19/09	MFF	0.009			
n-Propylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Styrene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.005			

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ROCKY HILL, CT 06067

3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SB-07 2-4 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04564

‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Tetrachloroethylene	mg/kg dry wt	0.042	02/19/09	MFF	0.005			
Tetrahydrofuran	mg/kg dry wt	ND	02/19/09	MFF	0.023			
Toluene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,2,3-Trichlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,3,5-Trichlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,1,1-Trichloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,1,2-Trichloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Trichloroethylene	mg/kg dry wt	0.32	02/19/09	MFF	0.005			
Trichlorofluoromethane	mg/kg dry wt	ND	02/19/09	MFF	0.023			
1,2,3-Trichloropropane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg dry wt	ND	02/19/09	MFF	0.023			
1,2,4-Trimethylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,3,5-Trimethylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Vinyl Chloride	mg/kg dry wt	ND	02/19/09	MFF	0.023			
m + p Xylene	mg/kg dry wt	ND	02/19/09	MFF	0.009			
o-Xylene	mg/kg dry wt	ND	02/19/09	MFF	0.005			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SB-DUP

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04568

‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	mg/kg dry wt	ND	02/19/09	MFF	0.21			
Acrylonitrile	mg/kg dry wt	ND	02/19/09	MFF	0.013			
tert-Amylmethyl Ether	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Benzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Bromobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Bromochloromethane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Bromodichloromethane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Bromoform	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Bromomethane	mg/kg dry wt	ND	02/19/09	MFF	0.021			
2-Butanone (MEK)	mg/kg dry wt	ND	02/19/09	MFF	0.084			
tert-Butyl Alcohol	mg/kg dry wt	ND	02/19/09	MFF	0.084			
n-Butylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
sec-Butylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
tert-Butylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
tert-Butylethyl Ether	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Carbon Disulfide	mg/kg dry wt	ND	02/19/09	MFF	0.013			
Carbon Tetrachloride	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Chlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Chlorodibromomethane	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Chloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.042			
Chloroform	mg/kg dry wt	ND	02/19/09	MFF	0.009			
Chloromethane	mg/kg dry wt	ND	02/19/09	MFF	0.021			
2-Chlorotoluene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
4-Chlorotoluene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,2-Dibromoethane	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Dibromomethane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,2-Dichlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,3-Dichlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			

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ROCKY HILL, CT 06067

3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SB-DUP

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04568

‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
1,4-Dichlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	02/19/09	MFF	0.009			
Dichlorodifluoromethane	mg/kg dry wt	ND	02/19/09	MFF	0.042			
1,1-Dichloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,2-Dichloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,1-Dichloroethylene	mg/kg dry wt	ND	02/19/09	MFF	0.009			
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,2-Dichloropropane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,3-Dichloropropane	mg/kg dry wt	ND	02/19/09	MFF	0.003			
2,2-Dichloropropane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,1-Dichloropropene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Diethyl Ether	mg/kg dry wt	ND	02/19/09	MFF	0.042			
Diisopropyl Ether	mg/kg dry wt	ND	02/19/09	MFF	0.003			
1,4-Dioxane	mg/kg dry wt	ND	02/19/09	MFF	0.21			
Ethyl Benzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Hexachlorobutadiene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
2-Hexanone	mg/kg dry wt	ND	02/19/09	MFF	0.042			
Isopropylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
p-Isopropyltoluene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
MTBE	mg/kg dry wt	ND	02/19/09	MFF	0.009			
Methylene Chloride	mg/kg dry wt	ND	02/19/09	MFF	0.042			
MIBK	mg/kg dry wt	ND	02/19/09	MFF	0.042			
Naphthalene	mg/kg dry wt	ND	02/19/09	MFF	0.009			
n-Propylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Styrene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.005			

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ROCKY HILL, CT 06067

3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SB-DUP

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04568 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.003			
Tetrachloroethylene	mg/kg dry wt	0.021	02/19/09	MFF	0.005			
Tetrahydrofuran	mg/kg dry wt	ND	02/19/09	MFF	0.021			
Toluene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,2,3-Trichlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,3,5-Trichlorobenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,1,1-Trichloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,1,2-Trichloroethane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Trichloroethylene	mg/kg dry wt	0.18	02/19/09	MFF	0.005			
Trichlorofluoromethane	mg/kg dry wt	ND	02/19/09	MFF	0.021			
1,2,3-Trichloropropane	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg dry wt	ND	02/19/09	MFF	0.021			
1,2,4-Trimethylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
1,3,5-Trimethylbenzene	mg/kg dry wt	ND	02/19/09	MFF	0.005			
Vinyl Chloride	mg/kg dry wt	ND	02/19/09	MFF	0.021			
m + p Xylene	mg/kg dry wt	ND	02/19/09	MFF	0.009			
o-Xylene	mg/kg dry wt	ND	02/19/09	MFF	0.005			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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ROCKY HILL, CT 06067

3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : TRIP BLANK 021709

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04571

‡Sampled : 2/17/2009
Not Specified

Sample Matrix: LIQUIDS

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	mg/kg	ND	02/19/09	MFF	0.10			
Acrylonitrile	mg/kg	ND	02/19/09	MFF	0.006			
tert-Amylmethyl Ether	mg/kg	ND	02/19/09	MFF	0.001			
Benzene	mg/kg	ND	02/19/09	MFF	0.002			
Bromobenzene	mg/kg	ND	02/19/09	MFF	0.002			
Bromochloromethane	mg/kg	ND	02/19/09	MFF	0.002			
Bromodichloromethane	mg/kg	ND	02/19/09	MFF	0.002			
Bromoform	mg/kg	ND	02/19/09	MFF	0.002			
Bromomethane	mg/kg	ND	02/19/09	MFF	0.010			
2-Butanone (MEK)	mg/kg	ND	02/19/09	MFF	0.040			
tert-Butyl Alcohol	mg/kg	ND	02/19/09	MFF	0.040			
n-Butylbenzene	mg/kg	ND	02/19/09	MFF	0.002			
sec-Butylbenzene	mg/kg	ND	02/19/09	MFF	0.002			
tert-Butylbenzene	mg/kg	ND	02/19/09	MFF	0.002			
tert-Butylethyl Ether	mg/kg	ND	02/19/09	MFF	0.001			
Carbon Disulfide	mg/kg	ND	02/19/09	MFF	0.006			
Carbon Tetrachloride	mg/kg	ND	02/19/09	MFF	0.002			
Chlorobenzene	mg/kg	ND	02/19/09	MFF	0.002			
Chlorodibromomethane	mg/kg	ND	02/19/09	MFF	0.001			
Chloroethane	mg/kg	ND	02/19/09	MFF	0.020			
Chloroform	mg/kg	ND	02/19/09	MFF	0.004			
Chloromethane	mg/kg	ND	02/19/09	MFF	0.010			
2-Chlorotoluene	mg/kg	ND	02/19/09	MFF	0.002			
4-Chlorotoluene	mg/kg	ND	02/19/09	MFF	0.002			
1,2-Dibromo-3-Chloropropane	mg/kg	ND	02/19/09	MFF	0.002			
1,2-Dibromoethane	mg/kg	ND	02/19/09	MFF	0.001			
Dibromomethane	mg/kg	ND	02/19/09	MFF	0.002			
1,2-Dichlorobenzene	mg/kg	ND	02/19/09	MFF	0.002			
1,3-Dichlorobenzene	mg/kg	ND	02/19/09	MFF	0.002			

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S.PERHALA/J.BONDOS
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : TRIP BLANK 021709

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04571

‡Sampled : 2/17/2009
Not Specified

Sample Matrix: LIQUIDS

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	mg/kg	ND	02/19/09	MFF	0.002			
trans-1,4-Dichloro-2-Butene	mg/kg	ND	02/19/09	MFF	0.004			
Dichlorodifluoromethane	mg/kg	ND	02/19/09	MFF	0.020			
1,1-Dichloroethane	mg/kg	ND	02/19/09	MFF	0.002			
1,2-Dichloroethane	mg/kg	ND	02/19/09	MFF	0.002			
1,1-Dichloroethylene	mg/kg	ND	02/19/09	MFF	0.004			
cis-1,2-Dichloroethylene	mg/kg	ND	02/19/09	MFF	0.002			
trans-1,2-Dichloroethylene	mg/kg	ND	02/19/09	MFF	0.002			
1,2-Dichloropropane	mg/kg	ND	02/19/09	MFF	0.002			
1,3-Dichloropropane	mg/kg	ND	02/19/09	MFF	0.001			
2,2-Dichloropropane	mg/kg	ND	02/19/09	MFF	0.002			
1,1-Dichloropropene	mg/kg	ND	02/19/09	MFF	0.002			
cis-1,3-Dichloropropene	mg/kg	ND	02/19/09	MFF	0.001			
trans-1,3-Dichloropropene	mg/kg	ND	02/19/09	MFF	0.001			
Diethyl Ether	mg/kg	ND	02/19/09	MFF	0.020			
Diisopropyl Ether	mg/kg	ND	02/19/09	MFF	0.020			
1,4-Dioxane	mg/kg	ND	02/19/09	MFF	0.10			
Ethyl Benzene	mg/kg	ND	02/19/09	MFF	0.002			
Hexachlorobutadiene	mg/kg	ND	02/19/09	MFF	0.002			
2-Hexanone	mg/kg	ND	02/19/09	MFF	0.020			
Isopropylbenzene	mg/kg	ND	02/19/09	MFF	0.002			
p-Isopropyltoluene	mg/kg	ND	02/19/09	MFF	0.002			
MTBE	mg/kg	ND	02/19/09	MFF	0.004			
Methylene Chloride	mg/kg	ND	02/19/09	MFF	0.020			
MIBK	mg/kg	ND	02/19/09	MFF	0.020			
Naphthalene	mg/kg	ND	02/19/09	MFF	0.004			
n-Propylbenzene	mg/kg	ND	02/19/09	MFF	0.002			
Styrene	mg/kg	ND	02/19/09	MFF	0.002			
1,1,1,2-Tetrachloroethane	mg/kg	ND	02/19/09	MFF	0.002			

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3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : TRIP BLANK 021709

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04571

‡Sampled : 2/17/2009
Not Specified

Sample Matrix: LIQUIDS

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
1,1,2,2-Tetrachloroethane	mg/kg	ND	02/19/09	MFF	0.001			
Tetrachloroethylene	mg/kg	ND	02/19/09	MFF	0.002			
Tetrahydrofuran	mg/kg	ND	02/19/09	MFF	0.010			
Toluene	mg/kg	ND	02/19/09	MFF	0.002			
1,2,3-Trichlorobenzene	mg/kg	ND	02/19/09	MFF	0.002			
1,2,4-Trichlorobenzene	mg/kg	ND	02/19/09	MFF	0.002			
1,3,5-Trichloroebenzene	mg/kg	ND	02/19/09	MFF	0.002			
1,1,1-Trichloroethane	mg/kg	ND	02/19/09	MFF	0.002			
1,1,2-Trichloroethane	mg/kg	ND	02/19/09	MFF	0.002			
Trichloroethylene	mg/kg	ND	02/19/09	MFF	0.002			
Trichlorofluoromethane	mg/kg	ND	02/19/09	MFF	0.010			
1,2,3-Trichloropropane	mg/kg	ND	02/19/09	MFF	0.002			
1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg	ND	02/19/09	MFF	0.010			
1,2,4-Trimethylbenzene	mg/kg	ND	02/19/09	MFF	0.002			
1,3,5-Trimethylbenzene	mg/kg	ND	02/19/09	MFF	0.002			
Vinyl Chloride	mg/kg	ND	02/19/09	MFF	0.010			
m + p Xylene	mg/kg	ND	02/19/09	MFF	0.004			
o-Xylene	mg/kg	ND	02/19/09	MFF	0.002			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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ROCKY HILL, CT 06067

3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Field Sample # : ME-SS-01 0-1 FT

Sample ID : 09B04553 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Copper	mg/kg dry wt	144	02/24/09	OP	0.61			

Field Sample # : ME-SS-02 0-1 FT

Sample ID : 09B04554 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Copper	mg/kg dry wt	1950	02/24/09	OP	0.59			

Field Sample # : ME-SS-03 0-1 FT

Sample ID : 09B04555 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Copper	mg/kg dry wt	66.2	02/24/09	OP	0.67			

Field Sample # : ME-SS-04 0-1 FT

Sample ID : 09B04556 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Copper	mg/kg dry wt	406	02/24/09	OP	0.59			

Field Sample # : ME-SS-05 0-1 FT

Sample ID : 09B04557 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Copper	mg/kg dry wt	108	02/24/09	OP	0.55			

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3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
LIMS-BAT #: LIMT-23332
Job Number: 60073489

Field Sample # : ME-SS-06 0-1 FT

Sample ID : 09B04558 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Copper	mg/kg dry wt	742	02/24/09	OP	0.54			

Field Sample # : ME-SS-07 0-1 FT

Sample ID : 09B04559 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Copper	mg/kg dry wt	1060	02/24/09	OP	0.60			

Field Sample # : ME-SS-08 0-1 FT

Sample ID : 09B04560 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Copper	mg/kg dry wt	336	02/24/09	OP	0.56			

Field Sample # : ME-SS-DUP

Sample ID : 09B04569 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Copper	mg/kg dry wt	305	02/24/09	OP	0.57			

Analytical Method:
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

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NM = Not Measured

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ROCKY HILL, CT 06067

3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Field Sample # : ME-SS-09 1-1.5 FT

Sample ID : 09B04570 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Extractable TPH (ETPH)	mg/kg dry weight	13	02/24/09	CJM	11			

Field Sample # : ME-SS-10 0-1 FT

Sample ID : 09B04565 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Extractable TPH (ETPH)	mg/kg dry weight	110	02/20/09	CJM	110			

Field Sample # : ME-SS-11 1-1.5 FT

Sample ID : 09B04566 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Extractable TPH (ETPH)	mg/kg dry weight	ND	02/24/09	CJM	12			

Field Sample # : ME-SS-12 0-1 FT

Sample ID : 09B04567 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Extractable TPH (ETPH)	mg/kg dry weight	72	02/24/09	CJM	25			

Analytical Method:
Extractable TPH (CT ETPH)
SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE AND ANALYZED BY GAS CHROMATOGRAPHY WITH FLAME IONIZATION DETECTION (GC/FID).

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ROCKY HILL, CT 06067

3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SS-09 1-1.5 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04570 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Antimony	mg/kg dry wt	ND	02/24/09	OP	4.29			
Arsenic	mg/kg dry wt	2.71	02/24/09	OP	2.68			
Barium	mg/kg dry wt	57.5	02/24/09	OP	5.36			
Beryllium	mg/kg dry wt	ND	02/25/09	OP	0.27			
Cadmium	mg/kg dry wt	ND	02/24/09	OP	0.27			
Chromium	mg/kg dry wt	15.1	02/24/09	OP	0.54			
Copper	mg/kg dry wt	19.6	02/24/09	OP	0.54			
Lead	mg/kg dry wt	6.05	02/24/09	OP	0.81			
Mercury	mg/kg dry wt	0.017	02/19/09	KM	0.011			
Nickel	mg/kg dry wt	11.3	02/24/09	OP	0.54			
Selenium	mg/kg dry wt	ND	02/24/09	OP	5.36			
Silver	mg/kg dry wt	ND	02/24/09	OP	0.54			
Thallium	mg/kg dry wt	ND	02/24/09	OP	3.22			
Vanadium	mg/kg dry wt	33.0	02/24/09	OP	5.36			
Zinc	mg/kg dry wt	33.6	02/24/09	OP	1.08			

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3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SS-10 0-1 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04565

‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Antimony	mg/kg dry wt	ND	02/24/09	OP	4.23			
Arsenic	mg/kg dry wt	2.89	02/24/09	OP	2.65			
Barium	mg/kg dry wt	19.3	02/24/09	OP	5.29			
Beryllium	mg/kg dry wt	ND	02/25/09	OP	0.27			
Cadmium	mg/kg dry wt	0.42	02/24/09	OP	0.27			
Chromium	mg/kg dry wt	3.36	02/24/09	OP	0.53			
Copper	mg/kg dry wt	87.1	02/24/09	OP	0.53			
Lead	mg/kg dry wt	11.1	02/24/09	OP	0.80			
Mercury	mg/kg dry wt	0.018	02/19/09	KM	0.013			
Nickel	mg/kg dry wt	11.5	02/24/09	OP	0.53			
Selenium	mg/kg dry wt	ND	02/24/09	OP	5.29			
Silver	mg/kg dry wt	ND	02/24/09	OP	0.53			
Thallium	mg/kg dry wt	ND	02/24/09	OP	3.18			
Vanadium	mg/kg dry wt	86.4	02/24/09	OP	5.29			
Zinc	mg/kg dry wt	53.2	02/24/09	OP	1.06			

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ROCKY HILL, CT 06067

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SS-11 1-1.5 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04566

‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Antimony	mg/kg dry wt	ND	02/24/09	OP	4.47			
Arsenic	mg/kg dry wt	ND	02/24/09	OP	2.80			
Barium	mg/kg dry wt	32.3	02/24/09	OP	5.59			
Beryllium	mg/kg dry wt	ND	02/25/09	OP	0.28			
Cadmium	mg/kg dry wt	ND	02/24/09	OP	0.28			
Chromium	mg/kg dry wt	3.77	02/24/09	OP	0.56			
Copper	mg/kg dry wt	20.8	02/24/09	OP	0.56			
Lead	mg/kg dry wt	7.91	02/24/09	OP	0.84			
Mercury	mg/kg dry wt	ND	02/19/09	KM	0.012			
Nickel	mg/kg dry wt	3.64	02/24/09	OP	0.56			
Selenium	mg/kg dry wt	ND	02/24/09	OP	5.59			
Silver	mg/kg dry wt	ND	02/24/09	OP	0.56			
Thallium	mg/kg dry wt	ND	02/24/09	OP	3.36			
Vanadium	mg/kg dry wt	11.3	02/24/09	OP	5.59			
Zinc	mg/kg dry wt	15.5	02/24/09	OP	1.12			

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ROCKY HILL, CT 06067

3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SS-12 0-1 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04567

‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Antimony	mg/kg dry wt	ND	02/24/09	OP	4.88			
Arsenic	mg/kg dry wt	9.21	02/24/09	OP	3.05			
Barium	mg/kg dry wt	109	02/24/09	OP	6.10			
Beryllium	mg/kg dry wt	ND	02/25/09	OP	0.31			
Cadmium	mg/kg dry wt	0.75	02/24/09	OP	0.31			
Chromium	mg/kg dry wt	18.1	02/24/09	OP	0.61			
Copper	mg/kg dry wt	1050	02/24/09	OP	0.61			
Lead	mg/kg dry wt	194	02/24/09	OP	0.92			
Mercury	mg/kg dry wt	0.220	02/19/09	KM	0.011			
Nickel	mg/kg dry wt	218	02/24/09	OP	0.61			
Selenium	mg/kg dry wt	ND	02/24/09	OP	6.10			
Silver	mg/kg dry wt	11.5	02/24/09	OP	0.61			
Thallium	mg/kg dry wt	ND	02/24/09	OP	3.66			
Vanadium	mg/kg dry wt	57.9	02/24/09	OP	6.10			
Zinc	mg/kg dry wt	426	02/24/09	OP	1.22			

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ROCKY HILL, CT 06067

Purchase Order No.:

3/2/2009

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Analytical Method: Antimony
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Arsenic
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Barium
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Beryllium
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Cadmium
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Chromium
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Copper
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Lead
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Mercury
SW846 3050/7471
SAMPLES ARE DIGESTED WITH ACIDS AND THEN ANALYZED BY COLD VAPOR (FLAMELESS) ATOMIC ABSORPTION SPECTROPHOTOMETRY

Analytical Method: Nickel
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

Purchase Order No.:

3/2/2009

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Analytical Method: Selenium
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Silver
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Thallium
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Vanadium
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Zinc
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

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3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SB-06 0-1 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04561

‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/26/09	BGL	0.398			
Acenaphthylene	mg/kg dry wt	ND	02/26/09	BGL	0.398			
Anthracene	mg/kg dry wt	ND	02/26/09	BGL	0.398			
Benzo(a)anthracene	mg/kg dry wt	0.581	02/26/09	BGL	0.398			
Benzo(a)pyrene	mg/kg dry wt	0.595	02/26/09	BGL	0.398			
Benzo(b)fluoranthene	mg/kg dry wt	0.778	02/26/09	BGL	0.398			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/26/09	BGL	0.398			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/26/09	BGL	0.398			
Chrysene	mg/kg dry wt	0.623	02/26/09	BGL	0.398			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/26/09	BGL	0.398			
Fluoranthene	mg/kg dry wt	0.706	02/26/09	BGL	0.398			
Fluorene	mg/kg dry wt	ND	02/26/09	BGL	0.398			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/26/09	BGL	0.398			
2-Methylnaphthalene	mg/kg dry wt	ND	02/26/09	BGL	0.398			
Naphthalene	mg/kg dry wt	ND	02/26/09	BGL	0.398			
Phenanthrene	mg/kg dry wt	ND	02/26/09	BGL	0.398			
Pyrene	mg/kg dry wt	0.652	02/26/09	BGL	0.398			
Extraction Date 8270		2/19/2009	02/26/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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ROCKY HILL, CT 06067

3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SB-06 2-3 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04562

‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	mg/kg dry wt	0.528	02/25/09	BGL	0.216			
Acenaphthylene	mg/kg dry wt	ND	02/25/09	BGL	0.216			
Anthracene	mg/kg dry wt	0.254	02/25/09	BGL	0.216			
Benzo(a)anthracene	mg/kg dry wt	0.869	02/25/09	BGL	0.216			
Benzo(a)pyrene	mg/kg dry wt	0.877	02/25/09	BGL	0.216			
Benzo(b)fluoranthene	mg/kg dry wt	1.23	02/25/09	BGL	0.216			
Benzo(g,h,i)perylene	mg/kg dry wt	0.437	02/25/09	BGL	0.216			
Benzo(k)fluoranthene	mg/kg dry wt	0.521	02/25/09	BGL	0.216			
Chrysene	mg/kg dry wt	1.69	02/25/09	BGL	0.216			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/25/09	BGL	0.216			
Fluoranthene	mg/kg dry wt	2.79	02/25/09	BGL	0.216			
Fluorene	mg/kg dry wt	0.252	02/25/09	BGL	0.216			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	0.540	02/25/09	BGL	0.216			
2-Methylnaphthalene	mg/kg dry wt	ND	02/25/09	BGL	0.216			
Naphthalene	mg/kg dry wt	ND	02/25/09	BGL	0.216			
Phenanthrene	mg/kg dry wt	1.11	02/25/09	BGL	0.216			
Pyrene	mg/kg dry wt	2.93	02/25/09	BGL	0.216			
Extraction Date 8270		2/19/2009	02/25/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SB-07 0-1 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04563 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/25/09	BGL	0.977			
Acenaphthylene	mg/kg dry wt	ND	02/25/09	BGL	0.977			
Anthracene	mg/kg dry wt	ND	02/25/09	BGL	0.977			
Benzo(a)anthracene	mg/kg dry wt	1.04	02/25/09	BGL	0.977			
Benzo(a)pyrene	mg/kg dry wt	ND	02/25/09	BGL	0.977			
Benzo(b)fluoranthene	mg/kg dry wt	1.55	02/25/09	BGL	0.977			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/25/09	BGL	0.977			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/25/09	BGL	0.977			
Chrysene	mg/kg dry wt	1.28	02/25/09	BGL	0.977			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/25/09	BGL	0.977			
Fluoranthene	mg/kg dry wt	2.37	02/25/09	BGL	0.977			
Fluorene	mg/kg dry wt	ND	02/25/09	BGL	0.977			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/25/09	BGL	0.977			
2-Methylnaphthalene	mg/kg dry wt	ND	02/25/09	BGL	0.977			
Naphthalene	mg/kg dry wt	ND	02/25/09	BGL	0.977			
Phenanthrene	mg/kg dry wt	ND	02/25/09	BGL	0.977			
Pyrene	mg/kg dry wt	1.84	02/25/09	BGL	0.977			
Extraction Date 8270		2/19/2009	02/25/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SB-07 2-4 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04564

‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/25/09	BGL	0.197			
Acenaphthylene	mg/kg dry wt	ND	02/25/09	BGL	0.197			
Anthracene	mg/kg dry wt	ND	02/25/09	BGL	0.197			
Benzo(a)anthracene	mg/kg dry wt	ND	02/25/09	BGL	0.197			
Benzo(a)pyrene	mg/kg dry wt	ND	02/25/09	BGL	0.197			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/25/09	BGL	0.197			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/25/09	BGL	0.197			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/25/09	BGL	0.197			
Chrysene	mg/kg dry wt	ND	02/25/09	BGL	0.197			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/25/09	BGL	0.197			
Fluoranthene	mg/kg dry wt	ND	02/25/09	BGL	0.197			
Fluorene	mg/kg dry wt	ND	02/25/09	BGL	0.197			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/25/09	BGL	0.197			
2-Methylnaphthalene	mg/kg dry wt	ND	02/25/09	BGL	0.197			
Naphthalene	mg/kg dry wt	ND	02/25/09	BGL	0.197			
Phenanthrene	mg/kg dry wt	ND	02/25/09	BGL	0.197			
Pyrene	mg/kg dry wt	ND	02/25/09	BGL	0.197			
Extraction Date 8270		2/19/2009	02/25/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SB-DUP

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04568

‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/26/09	BGL	0.208			
Acenaphthylene	mg/kg dry wt	ND	02/26/09	BGL	0.208			
Anthracene	mg/kg dry wt	ND	02/26/09	BGL	0.208			
Benzo(a)anthracene	mg/kg dry wt	0.269	02/26/09	BGL	0.208			
Benzo(a)pyrene	mg/kg dry wt	ND	02/26/09	BGL	0.208			
Benzo(b)fluoranthene	mg/kg dry wt	0.264	02/26/09	BGL	0.208			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/26/09	BGL	0.208			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/26/09	BGL	0.208			
Chrysene	mg/kg dry wt	0.288	02/26/09	BGL	0.208			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/26/09	BGL	0.208			
Fluoranthene	mg/kg dry wt	0.394	02/26/09	BGL	0.208			
Fluorene	mg/kg dry wt	ND	02/26/09	BGL	0.208			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/26/09	BGL	0.208			
2-Methylnaphthalene	mg/kg dry wt	ND	02/26/09	BGL	0.208			
Naphthalene	mg/kg dry wt	ND	02/26/09	BGL	0.208			
Phenanthrene	mg/kg dry wt	0.267	02/26/09	BGL	0.208			
Pyrene	mg/kg dry wt	0.403	02/26/09	BGL	0.208			
Extraction Date 8270		2/19/2009	02/26/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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Purchase Order No.:

3/2/2009

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SS-01 0-1 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04553 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/25/09	BGL	0.201			
Acenaphthylene	mg/kg dry wt	ND	02/25/09	BGL	0.201			
Anthracene	mg/kg dry wt	ND	02/25/09	BGL	0.201			
Benzo(a)anthracene	mg/kg dry wt	0.285	02/25/09	BGL	0.201			
Benzo(a)pyrene	mg/kg dry wt	0.229	02/25/09	BGL	0.201			
Benzo(b)fluoranthene	mg/kg dry wt	0.273	02/25/09	BGL	0.201			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/25/09	BGL	0.201			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/25/09	BGL	0.201			
Chrysene	mg/kg dry wt	0.314	02/25/09	BGL	0.201			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/25/09	BGL	0.201			
Fluoranthene	mg/kg dry wt	0.334	02/25/09	BGL	0.201			
Fluorene	mg/kg dry wt	ND	02/25/09	BGL	0.201			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/25/09	BGL	0.201			
2-Methylnaphthalene	mg/kg dry wt	ND	02/25/09	BGL	0.201			
Naphthalene	mg/kg dry wt	ND	02/25/09	BGL	0.201			
Phenanthrene	mg/kg dry wt	ND	02/25/09	BGL	0.201			
Pyrene	mg/kg dry wt	0.386	02/25/09	BGL	0.201			
Extraction Date 8270		2/19/2009	02/25/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SS-02 0-1 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04554

‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Acenaphthene	mg/kg dry wt	2.40	02/25/09	BGL	0.390			
Acenaphthylene	mg/kg dry wt	1.87	02/25/09	BGL	0.390			
Anthracene	mg/kg dry wt	8.44	02/25/09	BGL	0.390			
Benzo(a)anthracene	mg/kg dry wt	24.1	02/25/09	BGL	0.390			
Benzo(a)pyrene	mg/kg dry wt	21.1	02/25/09	BGL	0.390			
Benzo(b)fluoranthene	mg/kg dry wt	27.4	02/25/09	BGL	0.390			
Benzo(g,h,i)perylene	mg/kg dry wt	5.71	02/25/09	BGL	0.390			
Benzo(k)fluoranthene	mg/kg dry wt	7.39	02/25/09	BGL	0.390			
Chrysene	mg/kg dry wt	25.4	02/25/09	BGL	0.390			
Dibenz(a,h)anthracene	mg/kg dry wt	1.80	02/25/09	BGL	0.390			
Fluoranthene	mg/kg dry wt	49.4	02/25/09	BGL	0.390			
Fluorene	mg/kg dry wt	4.38	02/25/09	BGL	0.390			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	7.06	02/25/09	BGL	0.390			
2-Methylnaphthalene	mg/kg dry wt	1.96	02/25/09	BGL	0.390			
Naphthalene	mg/kg dry wt	2.28	02/25/09	BGL	0.390			
Phenanthrene	mg/kg dry wt	53.4	02/25/09	BGL	0.390			
Pyrene	mg/kg dry wt	46.2	02/25/09	BGL	0.390			
Extraction Date 8270		2/19/2009	02/25/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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Purchase Order No.:

3/2/2009

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SS-03 0-1 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04555 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/25/09	BGL	0.221			
Acenaphthylene	mg/kg dry wt	ND	02/25/09	BGL	0.221			
Anthracene	mg/kg dry wt	ND	02/25/09	BGL	0.221			
Benzo(a)anthracene	mg/kg dry wt	0.449	02/25/09	BGL	0.221			
Benzo(a)pyrene	mg/kg dry wt	0.449	02/25/09	BGL	0.221			
Benzo(b)fluoranthene	mg/kg dry wt	0.674	02/25/09	BGL	0.221			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/25/09	BGL	0.221			
Benzo(k)fluoranthene	mg/kg dry wt	0.288	02/25/09	BGL	0.221			
Chrysene	mg/kg dry wt	0.553	02/25/09	BGL	0.221			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/25/09	BGL	0.221			
Fluoranthene	mg/kg dry wt	0.654	02/25/09	BGL	0.221			
Fluorene	mg/kg dry wt	ND	02/25/09	BGL	0.221			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	0.234	02/25/09	BGL	0.221			
2-Methylnaphthalene	mg/kg dry wt	ND	02/25/09	BGL	0.221			
Naphthalene	mg/kg dry wt	ND	02/25/09	BGL	0.221			
Phenanthrene	mg/kg dry wt	0.350	02/25/09	BGL	0.221			
Pyrene	mg/kg dry wt	0.603	02/25/09	BGL	0.221			
Extraction Date 8270		2/19/2009	02/25/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

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‡ = See attached chain-of-custody record for time sampled

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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SS-04 0-1 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04556

‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/26/09	BGL	0.195			
Acenaphthylene	mg/kg dry wt	ND	02/26/09	BGL	0.195			
Anthracene	mg/kg dry wt	ND	02/26/09	BGL	0.195			
Benzo(a)anthracene	mg/kg dry wt	0.609	02/26/09	BGL	0.195			
Benzo(a)pyrene	mg/kg dry wt	0.586	02/26/09	BGL	0.195			
Benzo(b)fluoranthene	mg/kg dry wt	0.704	02/26/09	BGL	0.195			
Benzo(g,h,i)perylene	mg/kg dry wt	0.259	02/26/09	BGL	0.195			
Benzo(k)fluoranthene	mg/kg dry wt	0.301	02/26/09	BGL	0.195			
Chrysene	mg/kg dry wt	0.659	02/26/09	BGL	0.195			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/26/09	BGL	0.195			
Fluoranthene	mg/kg dry wt	0.786	02/26/09	BGL	0.195			
Fluorene	mg/kg dry wt	ND	02/26/09	BGL	0.195			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	0.329	02/26/09	BGL	0.195			
2-Methylnaphthalene	mg/kg dry wt	ND	02/26/09	BGL	0.195			
Naphthalene	mg/kg dry wt	ND	02/26/09	BGL	0.195			
Phenanthrene	mg/kg dry wt	0.647	02/26/09	BGL	0.195			
Pyrene	mg/kg dry wt	0.849	02/26/09	BGL	0.195			
Extraction Date 8270		2/19/2009	02/26/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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ROCKY HILL, CT 06067

3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SS-05 0-1 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04557 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/25/09	BGL	0.182			
Acenaphthylene	mg/kg dry wt	ND	02/25/09	BGL	0.182			
Anthracene	mg/kg dry wt	ND	02/25/09	BGL	0.182			
Benzo(a)anthracene	mg/kg dry wt	ND	02/25/09	BGL	0.182			
Benzo(a)pyrene	mg/kg dry wt	ND	02/25/09	BGL	0.182			
Benzo(b)fluoranthene	mg/kg dry wt	0.277	02/25/09	BGL	0.182			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/25/09	BGL	0.182			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/25/09	BGL	0.182			
Chrysene	mg/kg dry wt	0.198	02/25/09	BGL	0.182			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/25/09	BGL	0.182			
Fluoranthene	mg/kg dry.wt	0.226	02/25/09	BGL	0.182			
Fluorene	mg/kg dry wt	ND	02/25/09	BGL	0.182			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/25/09	BGL	0.182			
2-Methylnaphthalene	mg/kg dry wt	ND	02/25/09	BGL	0.182			
Naphthalene	mg/kg dry wt	ND	02/25/09	BGL	0.182			
Phenanthrene	mg/kg dry wt	ND	02/25/09	BGL	0.182			
Pyrene	mg/kg dry wt	ND	02/25/09	BGL	0.182			
Extraction Date 8270		2/19/2009	02/25/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SS-06 0-1 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04558

‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/26/09	BGL	0.720			
Acenaphthylene	mg/kg dry wt	ND	02/26/09	BGL	0.720			
Anthracene	mg/kg dry wt	1.34	02/26/09	BGL	0.720			
Benzo(a)anthracene	mg/kg dry wt	3.34	02/26/09	BGL	0.720			
Benzo(a)pyrene	mg/kg dry wt	3.27	02/26/09	BGL	0.720			
Benzo(b)fluoranthene	mg/kg dry wt	4.26	02/26/09	BGL	0.720			
Benzo(g,h,i)perylene	mg/kg dry wt	1.37	02/26/09	BGL	0.720			
Benzo(k)fluoranthene	mg/kg dry wt	1.52	02/26/09	BGL	0.720			
Chrysene	mg/kg dry wt	3.55	02/26/09	BGL	0.720			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/26/09	BGL	0.720			
Fluoranthene	mg/kg dry wt	6.24	02/26/09	BGL	0.720			
Fluorene	mg/kg dry wt	ND	02/26/09	BGL	0.720			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	1.70	02/26/09	BGL	0.720			
2-Methylnaphthalene	mg/kg dry wt	ND	02/26/09	BGL	0.720			
Naphthalene	mg/kg dry wt	ND	02/26/09	BGL	0.720			
Phenanthrene	mg/kg dry wt	6.09	02/26/09	BGL	0.720			
Pyrene	mg/kg dry wt	5.09	02/26/09	BGL	0.720			
Extraction Date 8270		2/19/2009	02/26/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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Purchase Order No.:

3/2/2009

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SS-07 0-1 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04559 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	mg/kg dry wt	0.652	02/25/09	BGL	0.198			
Acenaphthylene	mg/kg dry wt	ND	02/25/09	BGL	0.198			
Anthracene	mg/kg dry wt	2.03	02/25/09	BGL	0.198			
Benzo(a)anthracene	mg/kg dry wt	4.12	02/25/09	BGL	0.198			
Benzo(a)pyrene	mg/kg dry wt	2.97	02/25/09	BGL	0.198			
Benzo(b)fluoranthene	mg/kg dry wt	3.96	02/25/09	BGL	0.198			
Benzo(g,h,i)perylene	mg/kg dry wt	1.12	02/25/09	BGL	0.198			
Benzo(k)fluoranthene	mg/kg dry wt	1.56	02/25/09	BGL	0.198			
Chrysene	mg/kg dry wt	3.92	02/25/09	BGL	0.198			
Dibenz(a,h)anthracene	mg/kg dry wt	0.360	02/25/09	BGL	0.198			
Fluoranthene	mg/kg dry wt	6.34	02/25/09	BGL	0.198			
Fluorene	mg/kg dry wt	0.655	02/25/09	BGL	0.198			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	1.40	02/25/09	BGL	0.198			
2-Methylnaphthalene	mg/kg dry wt	0.239	02/25/09	BGL	0.198			
Naphthalene	mg/kg dry wt	0.281	02/25/09	BGL	0.198			
Phenanthrene	mg/kg dry wt	7.53	02/25/09	BGL	0.198			
Pyrene	mg/kg dry wt	5.52	02/25/09	BGL	0.198			
Extraction Date 8270		2/19/2009	02/25/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SS-08 0-1 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04560 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/25/09	BGL	0.369			
Acenaphthylene	mg/kg dry wt	0.483	02/25/09	BGL	0.369			
Anthracene	mg/kg dry wt	0.938	02/25/09	BGL	0.369			
Benzo(a)anthracene	mg/kg dry wt	3.23	02/25/09	BGL	0.369			
Benzo(a)pyrene	mg/kg dry wt	3.05	02/25/09	BGL	0.369			
Benzo(b)fluoranthene	mg/kg dry wt	4.23	02/25/09	BGL	0.369			
Benzo(g,h,i)perylene	mg/kg dry wt	1.34	02/25/09	BGL	0.369			
Benzo(k)fluoranthene	mg/kg dry wt	1.80	02/25/09	BGL	0.369			
Chrysene	mg/kg dry wt	3.41	02/25/09	BGL	0.369			
Dibenz(a,h)anthracene	mg/kg dry wt	0.402	02/25/09	BGL	0.369			
Fluoranthene	mg/kg dry wt	6.45	02/25/09	BGL	0.369			
Fluorene	mg/kg dry wt	0.515	02/25/09	BGL	0.369			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	1.62	02/25/09	BGL	0.369			
2-Methylnaphthalene	mg/kg dry wt	ND	02/25/09	BGL	0.369			
Naphthalene	mg/kg dry wt	ND	02/25/09	BGL	0.369			
Phenanthrene	mg/kg dry wt	3.94	02/25/09	BGL	0.369			
Pyrene	mg/kg dry wt	5.53	02/25/09	BGL	0.369			
Extraction Date 8270		02/25/2009	02/25/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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Purchase Order No.:

3/2/2009

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SS-09 1-1.5 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04570

‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/26/09	BGL	0.179			
Acenaphthylene	mg/kg dry wt	ND	02/26/09	BGL	0.179			
Anthracene	mg/kg dry wt	ND	02/26/09	BGL	0.179			
Benzo(a)anthracene	mg/kg dry wt	ND	02/26/09	BGL	0.179			
Benzo(a)pyrene	mg/kg dry wt	ND	02/26/09	BGL	0.179			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/26/09	BGL	0.179			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/26/09	BGL	0.179			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/26/09	BGL	0.179			
Chrysene	mg/kg dry wt	ND	02/26/09	BGL	0.179			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/26/09	BGL	0.179			
Fluoranthene	mg/kg dry wt	ND	02/26/09	BGL	0.179			
Fluorene	mg/kg dry wt	ND	02/26/09	BGL	0.179			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/26/09	BGL	0.179			
2-Methylnaphthalene	mg/kg dry wt	ND	02/26/09	BGL	0.179			
Naphthalene	mg/kg dry wt	ND	02/26/09	BGL	0.179			
Phenanthrene	mg/kg dry wt	ND	02/26/09	BGL	0.179			
Pyrene	mg/kg dry wt	ND	02/26/09	BGL	0.179			
Extraction Date 8270		2/19/2009	02/26/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SS-10 0-1 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04565

‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/28/09	BGL	0.353			
Acenaphthylene	mg/kg dry wt	ND	02/28/09	BGL	0.353			
Anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.353			
Benzo(a)anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.353			
Benzo(a)pyrene	mg/kg dry wt	ND	02/28/09	BGL	0.353			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.353			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/28/09	BGL	0.353			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.353			
Chrysene	mg/kg dry wt	ND	02/28/09	BGL	0.353			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.353			
Fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.353			
Fluorene	mg/kg dry wt	ND	02/28/09	BGL	0.353			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/28/09	BGL	0.353			
2-Methylnaphthalene	mg/kg dry wt	ND	02/28/09	BGL	0.353			
Naphthalene	mg/kg dry wt	ND	02/28/09	BGL	0.353			
Phenanthrene	mg/kg dry wt	ND	02/28/09	BGL	0.353			
Pyrene	mg/kg dry wt	ND	02/28/09	BGL	0.353			
Extraction Date 8270		2/19/2009	02/28/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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Purchase Order No.:

3/2/2009

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SS-11 1-1.5 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04566 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/26/09	BGL	0.187			
Acenaphthylene	mg/kg dry wt	ND	02/26/09	BGL	0.187			
Anthracene	mg/kg dry wt	ND	02/26/09	BGL	0.187			
Benzo(a)anthracene	mg/kg dry wt	ND	02/26/09	BGL	0.187			
Benzo(a)pyrene	mg/kg dry wt	ND	02/26/09	BGL	0.187			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/26/09	BGL	0.187			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/26/09	BGL	0.187			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/26/09	BGL	0.187			
Chrysene	mg/kg dry wt	ND	02/26/09	BGL	0.187			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/26/09	BGL	0.187			
Fluoranthene	mg/kg dry wt	ND	02/26/09	BGL	0.187			
Fluorene	mg/kg dry wt	ND	02/26/09	BGL	0.187			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/26/09	BGL	0.187			
2-Methylnaphthalene	mg/kg dry wt	ND	02/26/09	BGL	0.187			
Naphthalene	mg/kg dry wt	1.18	02/26/09	BGL	0.187			
Phenanthrene	mg/kg dry wt	ND	02/26/09	BGL	0.187			
Pyrene	mg/kg dry wt	ND	02/26/09	BGL	0.187			
Extraction Date 8270		2/19/2009	02/26/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SS-12 0-1 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04567

‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/26/09	BGL	1.02			
Acenaphthylene	mg/kg dry wt	ND	02/26/09	BGL	1.02			
Anthracene	mg/kg dry wt	ND	02/26/09	BGL	1.02			
Benzo(a)anthracene	mg/kg dry wt	2.80	02/26/09	BGL	1.02			
Benzo(a)pyrene	mg/kg dry wt	2.25	02/26/09	BGL	1.02			
Benzo(b)fluoranthene	mg/kg dry wt	2.99	02/26/09	BGL	1.02			
Benzo(g,h,i)perylene	mg/kg dry wt	1.06	02/26/09	BGL	1.02			
Benzo(k)fluoranthene	mg/kg dry wt	1.21	02/26/09	BGL	1.02			
Chrysene	mg/kg dry wt	2.84	02/26/09	BGL	1.02			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/26/09	BGL	1.02			
Fluoranthene	mg/kg dry wt	4.39	02/26/09	BGL	1.02			
Fluorene	mg/kg dry wt	ND	02/26/09	BGL	1.02			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	1.35	02/26/09	BGL	1.02			
2-Methylnaphthalene	mg/kg dry wt	ND	02/26/09	BGL	1.02			
Naphthalene	mg/kg dry wt	ND	02/26/09	BGL	1.02			
Phenanthrene	mg/kg dry wt	2.64	02/26/09	BGL	1.02			
Pyrene	mg/kg dry wt	3.66	02/26/09	BGL	1.02			
Extraction Date 8270		2/19/2009	02/26/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

‡ = See attached chain-of-custody record for time sampled

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ROCKY HILL, CT 06067

3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SS-DUP

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04569

‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/26/09	BGL	0.380			
Acenaphthylene	mg/kg dry wt	0.544	02/26/09	BGL	0.380			
Anthracene	mg/kg dry wt	1.21	02/26/09	BGL	0.380			
Benzo(a)anthracene	mg/kg dry wt	3.87	02/26/09	BGL	0.380			
Benzo(a)pyrene	mg/kg dry wt	3.56	02/26/09	BGL	0.380			
Benzo(b)fluoranthene	mg/kg dry wt	4.92	02/26/09	BGL	0.380			
Benzo(g,h,i)perylene	mg/kg dry wt	1.62	02/26/09	BGL	0.380			
Benzo(k)fluoranthene	mg/kg dry wt	1.85	02/26/09	BGL	0.380			
Chrysene	mg/kg dry wt	3.96	02/26/09	BGL	0.380			
Dibenz(a,h)anthracene	mg/kg dry wt	0.492	02/26/09	BGL	0.380			
Fluoranthene	mg/kg dry wt	6.66	02/26/09	BGL	0.380			
Fluorene	mg/kg dry wt	0.622	02/26/09	BGL	0.380			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	1.90	02/26/09	BGL	0.380			
2-Methylnaphthalene	mg/kg dry wt	ND	02/26/09	BGL	0.380			
Naphthalene	mg/kg dry wt	ND	02/26/09	BGL	0.380			
Phenanthrene	mg/kg dry wt	4.98	02/26/09	BGL	0.380			
Pyrene	mg/kg dry wt	5.33	02/26/09	BGL	0.380			
Extraction Date 8270		2/19/2009	02/26/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit
ND = Not Detected at or above the Reporting Limit
NM = Not Measured
* = See end of report for comments and notes applying to this sample
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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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ROCKY HILL, CT 06067

3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Field Sample # : ME-SB-06 0-1 FT

Sample ID : 09B04561 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Lead	mg/kg dry wt	572	02/24/09	OP	0.90			

Field Sample # : ME-SB-06 2-3 FT

Sample ID : 09B04562 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Lead	mg/kg dry wt	435	02/24/09	OP	0.97			

Field Sample # : ME-SB-07 0-1 FT

Sample ID : 09B04563 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Lead	mg/kg dry wt	518	02/24/09	OP	0.88			

Field Sample # : ME-SB-07 2-4 FT

Sample ID : 09B04564 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Lead	mg/kg dry wt	472	02/24/09	OP	0.89			

Field Sample # : ME-SB-DUP

Sample ID : 09B04568 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Lead	mg/kg dry wt	244	02/24/09	OP	0.94			

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

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ROCKY HILL, CT 06067

3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Field Sample # : ME-SS-01 0-1 FT

Sample ID : 09B04553 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Lead	mg/kg dry wt	57.8	02/24/09	OP	0.91			

Field Sample # : ME-SS-02 0-1 FT

Sample ID : 09B04554 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Lead	mg/kg dry wt	435	02/24/09	OP	0.88			

Field Sample # : ME-SS-03 0-1 FT

Sample ID : 09B04555 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Lead	mg/kg dry wt	159	02/24/09	OP	1.00			

Field Sample # : ME-SS-04 0-1 FT

Sample ID : 09B04556 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Lead	mg/kg dry wt	245	02/24/09	OP	0.88			

Field Sample # : ME-SS-05 0-1 FT

Sample ID : 09B04557 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Lead	mg/kg dry wt	39.2	02/24/09	OP	0.82			

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3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
LIMS-BAT #: LIMT-23332
Job Number: 60073489

Field Sample # : ME-SS-06 0-1 FT

Sample ID : 09B04558 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Lead	mg/kg dry wt	252	02/24/09	OP	0.81			

Field Sample # : ME-SS-07 0-1 FT

Sample ID : 09B04559 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Lead	mg/kg dry wt	744	02/24/09	OP	0.90			

Field Sample # : ME-SS-08 0-1 FT

Sample ID : 09B04560 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Lead	mg/kg dry wt	565	02/24/09	OP	0.83			

Field Sample # : ME-SS-DUP

Sample ID : 09B04569 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Lead	mg/kg dry wt	462	02/24/09	OP	0.86			

Analytical Method:
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

RL = Reporting Limit
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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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ROCKY HILL, CT 06067

Purchase Order No.:

3/2/2009

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
LIMS-BAT #: LIMT-23332
Job Number: 60073489

Field Sample # : ME-SB-06 0-1 FT

Sample ID : 09B04561 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Solids, total	%	83.8	02/20/09	FD				

Field Sample # : ME-SB-06 2-3 FT

Sample ID : 09B04562 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Solids, total	%	77.4	02/20/09	FD				

Field Sample # : ME-SB-07 0-1 FT

Sample ID : 09B04563 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Solids, total	%	85.3	02/20/09	FD				

Field Sample # : ME-SB-07 2-4 FT

Sample ID : 09B04564 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Solids, total	%	84.8	02/20/09	FD				

Field Sample # : ME-SB-DUP

Sample ID : 09B04568 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Solids, total	%	80.3	02/20/09	FD				

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3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Field Sample # : ME-SS-01 0-1 FT

Sample ID : 09B04553 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Solids, total	%	83.0	02/20/09	FD				

Field Sample # : ME-SS-02 0-1 FT

Sample ID : 09B04554 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Solids, total	%	85.6	02/20/09	FD				

Field Sample # : ME-SS-03 0-1 FT

Sample ID : 09B04555 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Solids, total	%	75.5	02/20/09	FD				

Field Sample # : ME-SS-04 0-1 FT

Sample ID : 09B04556 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Solids, total	%	85.7	02/20/09	FD				

Field Sample # : ME-SS-05 0-1 FT

Sample ID : 09B04557 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Solids, total	%	91.6	02/20/09	FD				

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3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Field Sample # : ME-SS-06 0-1 FT

Sample ID : 09B04558 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Solids, total	%	92.7	02/20/09	FD				

Field Sample # : ME-SS-07 0-1 FT

Sample ID : 09B04559 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Solids, total	%	84.2	02/20/09	FD				

Field Sample # : ME-SS-08 0-1 FT

Sample ID : 09B04560 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Solids, total	%	90.5	02/20/09	FD				

Field Sample # : ME-SS-09 1-1.5 FT

Sample ID : 09B04570 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Solids, total	%	93.4	02/20/09	FD				

Field Sample # : ME-SS-10 0-1 FT

Sample ID : 09B04565 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Solids, total	%	94.6	02/20/09	FD				

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3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009
Field Sample # : ME-SS-11 1-1.5 FT

LIMS-BAT #: LIMT-23332
Job Number: 60073489

Sample ID : 09B04566 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Solids, total	%	89.5	02/20/09	FD				

Field Sample # : ME-SS-12 0-1 FT

Sample ID : 09B04567 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Solids, total	%	82.1	02/20/09	FD				

Field Sample # : ME-SS-DUP

Sample ID : 09B04569 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Solids, total	%	87.8	02/20/09	FD				

Analytical Method:
SM 2540G
PERCENT OF SAMPLE REMAINING AFTER DRYING OVERNIGHT AT 103-105 DEGREES CENTIGRADE.

RL = Reporting Limit

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3/2/2009

Purchase Order No.:

Project Location: MERIDEN FACTORY H
Date Received: 2/18/2009

LIMS-BAT #: LIMT-23332
Job Number: 60073489

** END OF REPORT **

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/2/2009 Lims Bat # : LIMT-23332

QC Batch Number: GC/FID-23151

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04565					
	Terphenyl	Surrogate Recovery	57.0	%	50-150
BLANK-129890					
	Extractable TPH (ETPH)	Blank	<10.	mg/kg dry weig	
LFBLANK-92018					
	Extractable TPH (ETPH)	Lab Fort Blank Amt.	33.3	mg/kg dry weig	
		Lab Fort Blk. Found	25.3	mg/kg dry weig	
		Lab Fort Blk. % Rec.	75.9	%	60-120
		Dup Lab Fort Bl Amt.	33.3	mg/kg dry weig	
		Dup Lab Fort Bl. Fnd	27.2	mg/kg dry weig	
		Dup Lab Fort Bl %Rec	81.7	%	
		Lab Fort Blank Range	5.7	units	
		Lab Fort Bl. Av. Rec	78.8	%	
		LFB Duplicate RPD	7.3	%	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/2/2009 Lims Bat # : LIMT-23332

QC Batch Number: GC/FID-23152

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04566					
	Terphenyl	Surrogate Recovery	70.0	%	50-150
09B04567					
	Terphenyl	Surrogate Recovery	80.0	%	50-150
09B04570					
	Terphenyl	Surrogate Recovery	83.0	%	50-150
BLANK-129891					
	Extractable TPH (ETPH)	Blank	<10.	mg/kg dry weig	
LFBLANK-92019					
	Extractable TPH (ETPH)	Lab Fort Blank Amt.	33.3	mg/kg dry weig	
		Lab Fort Blk. Found	25.0	mg/kg dry weig	
		Lab Fort Blk. % Rec.	75.0	%	60-120
		Dup Lab Fort Bl Amt.	33.3	mg/kg dry weig	
		Dup Lab Fort Bl. Fnd	25.9	mg/kg dry weig	
		Dup Lab Fort Bl %Rec	77.8	%	
		Lab Fort Blank Range	2.7	units	
		Lab Fort Bl. Av. Rec	76.4	%	
		LFB Duplicate RPD	3.6	%	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/2/2009 Lims Bat # : LIMT-23332

QC Batch Number: GCMS/SEMI-11964

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04553					
	Nitrobenzene-d5	Surrogate Recovery	56.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	51.4	%	30-130
	Terphenyl-d14	Surrogate Recovery	68.8	%	30-130
09B04554					
	Nitrobenzene-d5	Surrogate Recovery	52.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	60.0	%	30-130
	Terphenyl-d14	Surrogate Recovery	46.0	%	30-130
09B04555					
	Nitrobenzene-d5	Surrogate Recovery	58.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	58.7	%	30-130
	Terphenyl-d14	Surrogate Recovery	55.7	%	30-130
09B04556					
	Nitrobenzene-d5	Surrogate Recovery	53.9	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	58.2	%	30-130
	Terphenyl-d14	Surrogate Recovery	58.0	%	30-130
09B04557					
	Nitrobenzene-d5	Surrogate Recovery	42.5	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	51.9	%	30-130
	Terphenyl-d14	Surrogate Recovery	37.3	%	30-130
09B04558					
	Nitrobenzene-d5	Surrogate Recovery	104.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	120.0	%	30-130
	Terphenyl-d14	Surrogate Recovery	84.0	%	30-130
09B04559					
	Nitrobenzene-d5	Surrogate Recovery	58.8	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	67.3	%	30-130
	Terphenyl-d14	Surrogate Recovery	69.4	%	30-130
09B04560					
	Nitrobenzene-d5	Surrogate Recovery	54.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	62.0	%	30-130
	Terphenyl-d14	Surrogate Recovery	66.0	%	30-130
09B04561					
	Nitrobenzene-d5	Surrogate Recovery	50.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	60.0	%	30-130
	Terphenyl-d14	Surrogate Recovery	48.0	%	30-130
09B04562					
	Nitrobenzene-d5	Surrogate Recovery	51.2	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	62.8	%	30-130
	Terphenyl-d14	Surrogate Recovery	89.5	%	30-130
09B04563					
	Nitrobenzene-d5	Surrogate Recovery	47.5	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	60.0	%	30-130
	Terphenyl-d14	Surrogate Recovery	60.0	%	30-130

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/2/2009 Lims Bat # : LIMT-23332

QC Batch Number: GCMS/SEMI-11964

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04564					
	Nitrobenzene-d5	Surrogate Recovery	61.9	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	74.7	%	30-130
	Terphenyl-d14	Surrogate Recovery	77.4	%	30-130
09B04565					
	Nitrobenzene-d5	Surrogate Recovery	70.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	76.0	%	30-130
	Terphenyl-d14	Surrogate Recovery	122.0	%	30-130
09B04566					
	Nitrobenzene-d5	Surrogate Recovery	48.2	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	51.0	%	30-130
	Terphenyl-d14	Surrogate Recovery	76.3	%	30-130
09B04567					
	Nitrobenzene-d5	Surrogate Recovery	60.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	70.0	%	30-130
	Terphenyl-d14	Surrogate Recovery	60.0	%	30-130
09B04568					
	Nitrobenzene-d5	Surrogate Recovery	60.9	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	72.3	%	30-130
	Terphenyl-d14	Surrogate Recovery	66.9	%	30-130
09B04569					
	Nitrobenzene-d5	Surrogate Recovery	62.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	74.0	%	30-130
	Terphenyl-d14	Surrogate Recovery	60.0	%	30-130
09B04570					
	Nitrobenzene-d5	Surrogate Recovery	55.5	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	62.7	%	30-130
	Terphenyl-d14	Surrogate Recovery	63.3	%	30-130
BLANK-130060					
	Naphthalene	Blank	<0.167	mg/kg dry wt	
	Acenaphthene	Blank	<0.167	mg/kg dry wt	
	Acenaphthylene	Blank	<0.167	mg/kg dry wt	
	Anthracene	Blank	<0.167	mg/kg dry wt	
	Benzo(a)anthracene	Blank	<0.167	mg/kg dry wt	
	Benzo(a)pyrene	Blank	<0.167	mg/kg dry wt	
	Benzo(b)fluoranthene	Blank	<0.167	mg/kg dry wt	
	Benzo(g,h,i)perylene	Blank	<0.167	mg/kg dry wt	
	Chrysene	Blank	<0.167	mg/kg dry wt	
	Dibenz(a,h)anthracene	Blank	<0.167	mg/kg dry wt	
	Fluoranthene	Blank	<0.167	mg/kg dry wt	
	Fluorene	Blank	<0.167	mg/kg dry wt	
	Indeno(1,2,3-cd)pyrene	Blank	<0.167	mg/kg dry wt	
	2-Methylnaphthalene	Blank	<0.167	mg/kg dry wt	
	Phenanthrene	Blank	<0.167	mg/kg dry wt	

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QC SUMMARY REPORT

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Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/2/2009 Lims Bat # : LIMT-23332

QC Batch Number: GCMS/SEMI-11964

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-130060					
	Pyrene	Blank	<0.167	mg/kg dry wt	
	Benzo(k)fluoranthene	Blank	<0.167	mg/kg dry wt	
LFBLANK-92197					
	Naphthalene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.139	mg/kg dry wt	
		Lab Fort Blk. % Rec.	68.380	%	40-140
	Acenaphthene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.210	mg/kg dry wt	
		Lab Fort Blk. % Rec.	72.640	%	40-140
	Acenaphthylene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.203	mg/kg dry wt	
		Lab Fort Blk. % Rec.	72.179	%	40-140
	Anthracene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.258	mg/kg dry wt	
		Lab Fort Blk. % Rec.	75.479	%	40-140
	Benzo(a)anthracene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.393	mg/kg dry wt	
		Lab Fort Blk. % Rec.	83.579	%	40-140
	Benzo(a)pyrene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.309	mg/kg dry wt	
		Lab Fort Blk. % Rec.	78.559	%	40-140
	Benzo(b)fluoranthene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.088	mg/kg dry wt	
		Lab Fort Blk. % Rec.	65.320	%	40-140
	Benzo(g,h,i)perylene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.318	mg/kg dry wt	
		Lab Fort Blk. % Rec.	79.079	%	40-140
	Chrysene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.435	mg/kg dry wt	
		Lab Fort Blk. % Rec.	86.119	%	40-140
	Dibenz(a,h)anthracene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.489	mg/kg dry wt	
		Lab Fort Blk. % Rec.	89.359	%	40-140
	Fluoranthene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.047	mg/kg dry wt	
		Lab Fort Blk. % Rec.	62.819	%	40-140
	Fluorene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.355	mg/kg dry wt	
		Lab Fort Blk. % Rec.	81.299	%	40-140
	Indeno(1,2,3-cd)pyrene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.389	mg/kg dry wt	
		Lab Fort Blk. % Rec.	83.339	%	40-140
	2-Methylnaphthalene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	

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Report Date: 3/2/2009 Lims Bat # : LIMT-23332

QC Batch Number: GCMS/SEMI-11964

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-92197					
	2-Methylnaphthalene	Lab Fort Blk. Found	1.368	mg/kg dry wt	
		Lab Fort Blk. % Rec.	82.079	%	40-140
	Phenanthrene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.237	mg/kg dry wt	
		Lab Fort Blk. % Rec.	74.219	%	40-140
	Pyrene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.885	mg/kg dry wt	
		Lab Fort Blk. % Rec.	113.140	%	40-140
	Benzo(k)fluoranthene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.230	mg/kg dry wt	
		Lab Fort Blk. % Rec.	73.819	%	40-140

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Report Date: 3/2/2009 Lims Bat # : LIMT-23332

QC Batch Number: GCMS/VOL-21534

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04571					
	1,2-Dichloroethane-d4	Surrogate Recovery	91.200	%	70-130
	Toluene-d8	Surrogate Recovery	94.200	%	70-130
	Bromofluorobenzene	Surrogate Recovery	94.600	%	70-130
BLANK-129720					
	Acetone	Blank	<0.10	mg/kg	
	Benzene	Blank	<0.002	mg/kg	
	Carbon Tetrachloride	Blank	<0.002	mg/kg	
	Chloroform	Blank	<0.004	mg/kg	
	1,2-Dichloroethane	Blank	<0.002	mg/kg	
	1,4-Dichlorobenzene	Blank	<0.002	mg/kg	
	Ethyl Benzene	Blank	<0.002	mg/kg	
	2-Butanone (MEK)	Blank	<0.040	mg/kg	
	MIBK	Blank	<0.020	mg/kg	
	Naphthalene	Blank	<0.004	mg/kg	
	Styrene	Blank	<0.002	mg/kg	
	Tetrachloroethylene	Blank	<0.002	mg/kg	
	Toluene	Blank	<0.002	mg/kg	
	1,1,1-Trichloroethane	Blank	<0.002	mg/kg	
	Trichloroethylene	Blank	<0.002	mg/kg	
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Blank	<0.010	mg/kg	
	Trichlorofluoromethane	Blank	<0.010	mg/kg	
	o-Xylene	Blank	<0.002	mg/kg	
	m + p Xylene	Blank	<0.004	mg/kg	
	1,2-Dichlorobenzene	Blank	<0.002	mg/kg	
	1,3-Dichlorobenzene	Blank	<0.002	mg/kg	
	1,1-Dichloroethane	Blank	<0.002	mg/kg	
	1,1-Dichloroethylene	Blank	<0.004	mg/kg	
	1,4-Dioxane	Blank	<0.10	mg/kg	
	MTBE	Blank	<0.004	mg/kg	
	trans-1,2-Dichloroethylene	Blank	<0.002	mg/kg	
	Vinyl Chloride	Blank	<0.010	mg/kg	
	Methylene Chloride	Blank	<0.020	mg/kg	
	Chlorobenzene	Blank	<0.002	mg/kg	
	Chloromethane	Blank	<0.010	mg/kg	
	Bromomethane	Blank	<0.010	mg/kg	
	Chloroethane	Blank	<0.020	mg/kg	
	cis-1,3-Dichloropropene	Blank	<0.001	mg/kg	
	trans-1,3-Dichloropropene	Blank	<0.001	mg/kg	
	Chlorodibromomethane	Blank	<0.001	mg/kg	
	1,1,2-Trichloroethane	Blank	<0.002	mg/kg	
	Bromoform	Blank	<0.002	mg/kg	
	1,1,2,2-Tetrachloroethane	Blank	<0.001	mg/kg	
	2-Chlorotoluene	Blank	<0.002	mg/kg	

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Report Date: 3/2/2009 Lims Bat # : LIMT-23332

QC Batch Number: GCMS/VOL-21534

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-129720					
	Hexachlorobutadiene	Blank	<0.002	mg/kg	
	Isopropylbenzene	Blank	<0.002	mg/kg	
	p-Isopropyltoluene	Blank	<0.002	mg/kg	
	n-Propylbenzene	Blank	<0.002	mg/kg	
	sec-Butylbenzene	Blank	<0.002	mg/kg	
	tert-Butylbenzene	Blank	<0.002	mg/kg	
	1,2,3-Trichlorobenzene	Blank	<0.002	mg/kg	
	1,2,4-Trichlorobenzene	Blank	<0.002	mg/kg	
	1,2,4-Trimethylbenzene	Blank	<0.002	mg/kg	
	1,3,5-Trimethylbenzene	Blank	<0.002	mg/kg	
	Dibromomethane	Blank	<0.002	mg/kg	
	cis-1,2-Dichloroethylene	Blank	<0.002	mg/kg	
	4-Chlorotoluene	Blank	<0.002	mg/kg	
	1,1-Dichloropropene	Blank	<0.002	mg/kg	
	1,2-Dichloropropane	Blank	<0.002	mg/kg	
	1,3-Dichloropropane	Blank	<0.001	mg/kg	
	2,2-Dichloropropane	Blank	<0.002	mg/kg	
	1,1,1,2-Tetrachloroethane	Blank	<0.002	mg/kg	
	1,2,3-Trichloropropane	Blank	<0.002	mg/kg	
	n-Butylbenzene	Blank	<0.002	mg/kg	
	Dichlorodifluoromethane	Blank	<0.020	mg/kg	
	Bromochloromethane	Blank	<0.002	mg/kg	
	Bromobenzene	Blank	<0.002	mg/kg	
	Acrylonitrile	Blank	<0.006	mg/kg	
	Carbon Disulfide	Blank	<0.006	mg/kg	
	2-Hexanone	Blank	<0.020	mg/kg	
	trans-1,4-Dichloro-2-Butene	Blank	<0.004	mg/kg	
	Diethyl Ether	Blank	<0.020	mg/kg	
	Bromodichloromethane	Blank	<0.002	mg/kg	
	1,2-Dibromo-3-Chloropropane	Blank	<0.002	mg/kg	
	1,2-Dibromoethane	Blank	<0.001	mg/kg	
	Tetrahydrofuran	Blank	<0.010	mg/kg	
	tert-Butyl Alcohol	Blank	<0.040	mg/kg	
	Diisopropyl Ether	Blank	<0.020	mg/kg	
	tert-Butylethyl Ether	Blank	<0.001	mg/kg	
	tert-Amylmethyl Ether	Blank	<0.001	mg/kg	
	1,3,5-Trichloroebenzene	Blank	<0.002	mg/kg	

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Report Date: 3/2/2009 Lims Bat # : LIMT-23332

QC Batch Number: GCMS/VOL-21535

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04561					
	Acetone	Sample Amount	<0.100	mg/kg dry wt	
		Matrix Spk Amt Added	0.198	mg/kg dry wt	
		MS Amt Measured	0.309	mg/kg dry wt	
		Matrix Spike % Rec.	155.670	%	70-130
	Benzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.017	mg/kg dry wt	
		Matrix Spike % Rec.	88.200	%	70-130
	Carbon Tetrachloride	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.018	mg/kg dry wt	
		Matrix Spike % Rec.	92.000	%	70-130
	Chloroform	Sample Amount	<0.004	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.017	mg/kg dry wt	
		Matrix Spike % Rec.	87.200	%	70-130
	1,2-Dichloroethane	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.020	mg/kg dry wt	
		Matrix Spike % Rec.	103.100	%	70-130
	1,4-Dichlorobenzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.019	mg/kg dry wt	
		Matrix Spike % Rec.	95.800	%	70-130
	Ethyl Benzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.019	mg/kg dry wt	
		Matrix Spike % Rec.	100.300	%	70-130
	2-Butanone (MEK)	Sample Amount	<0.040	mg/kg dry wt	
		Matrix Spk Amt Added	0.198	mg/kg dry wt	
		MS Amt Measured	0.192	mg/kg dry wt	
		Matrix Spike % Rec.	97.180	%	70-130
	MIBK	Sample Amount	<0.020	mg/kg dry wt	
		Matrix Spk Amt Added	0.198	mg/kg dry wt	
		MS Amt Measured	0.175	mg/kg dry wt	
		Matrix Spike % Rec.	88.330	%	70-130
	Naphthalene	Sample Amount	<0.004	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.015	mg/kg dry wt	
		Matrix Spike % Rec.	76.100	%	70-130
	Styrene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.019	mg/kg dry wt	

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Report Date: 3/2/2009 Lims Bat # : LIMT-23332

QC Batch Number: GCMS/VOL-21535

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04561					
	Styrene	Matrix Spike % Rec.	100.100	%	70-130
	Tetrachloroethylene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.020	mg/kg dry wt	
		Matrix Spike % Rec.	102.900	%	70-130
	Toluene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.018	mg/kg dry wt	
		Matrix Spike % Rec.	93.100	%	70-130
	1,1,1-Trichloroethane	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.019	mg/kg dry wt	
		Matrix Spike % Rec.	95.900	%	70-130
	Trichloroethylene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.019	mg/kg dry wt	
		Matrix Spike % Rec.	96.900	%	70-130
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Sample Amount	<0.010	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.023	mg/kg dry wt	
		Matrix Spike % Rec.	118.300	%	70-130
	Trichlorofluoromethane	Sample Amount	<0.010	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.021	mg/kg dry wt	
		Matrix Spike % Rec.	110.400	%	70-130
	o-Xylene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.019	mg/kg dry wt	
		Matrix Spike % Rec.	97.900	%	70-130
	m + p Xylene	Sample Amount	<0.004	mg/kg dry wt	
		Matrix Spk Amt Added	0.039	mg/kg dry wt	
		MS Amt Measured	0.040	mg/kg dry wt	
		Matrix Spike % Rec.	100.750	%	70-130
	1,2-Dichlorobenzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.019	mg/kg dry wt	
		Matrix Spike % Rec.	98.700	%	70-130
	1,3-Dichlorobenzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.019	mg/kg dry wt	
		Matrix Spike % Rec.	98.400	%	70-130
	1,1-Dichloroethane	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	

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QC Batch Number: GCMS/VOL-21535

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04561					
	1,1-Dichloroethane	MS Amt Measured	0.017	mg/kg dry wt	
		Matrix Spike % Rec.	86.200	%	70-130
	1,1-Dichloroethylene	Sample Amount	<0.004	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.019	mg/kg dry wt	
		Matrix Spike % Rec.	100.400	%	70-130
	1,4-Dioxane	Sample Amount	<0.100	mg/kg dry wt	
		Matrix Spk Amt Added	0.198	mg/kg dry wt	
		MS Amt Measured	0.191	mg/kg dry wt	
		Matrix Spike % Rec.	96.280	%	70-130
	MTBE	Sample Amount	<0.004	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.018	mg/kg dry wt	
		Matrix Spike % Rec.	95.000	%	70-130
	trans-1,2-Dichloroethylene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.017	mg/kg dry wt	
		Matrix Spike % Rec.	90.600	%	70-130
	Vinyl Chloride	Sample Amount	<0.010	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.018	mg/kg dry wt	
		Matrix Spike % Rec.	91.400	%	70-130
	Methylene Chloride	Sample Amount	<0.020	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.018	mg/kg dry wt	
		Matrix Spike % Rec.	93.000	%	70-130
	Chlorobenzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.019	mg/kg dry wt	
		Matrix Spike % Rec.	98.600	%	70-130
	Chloromethane	Sample Amount	<0.010	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.015	mg/kg dry wt	
		Matrix Spike % Rec.	80.400	%	70-130
	Bromomethane	Sample Amount	<0.010	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.022	mg/kg dry wt	
		Matrix Spike % Rec.	111.400	%	70-130
	Chloroethane	Sample Amount	<0.020	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.021	mg/kg dry wt	
		Matrix Spike % Rec.	106.200	%	70-130
	cis-1,3-Dichloropropene	Sample Amount	<0.001	mg/kg dry wt	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/2/2009 Lims Bat # : LIMT-23332

QC Batch Number: GCMS/VOL-21535

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04561					
	cis-1,3-Dichloropropene	Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.017	mg/kg dry wt	
		Matrix Spike % Rec.	87.600	%	70-130
	trans-1,3-Dichloropropene	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.018	mg/kg dry wt	
		Matrix Spike % Rec.	90.900	%	70-130
	Chlorodibromomethane	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.020	mg/kg dry wt	
		Matrix Spike % Rec.	100.800	%	70-130
	1,1,2-Trichloroethane	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.017	mg/kg dry wt	
		Matrix Spike % Rec.	86.600	%	70-130
	Bromoform	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.022	mg/kg dry wt	
		Matrix Spike % Rec.	114.400	%	70-130
	1,1,2,2-Tetrachloroethane	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.018	mg/kg dry wt	
		Matrix Spike % Rec.	92.500	%	70-130
	2-Chlorotoluene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.019	mg/kg dry wt	
		Matrix Spike % Rec.	99.500	%	70-130
	Hexachlorobutadiene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.018	mg/kg dry wt	
		Matrix Spike % Rec.	91.600	%	70-130
	Isopropylbenzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.022	mg/kg dry wt	
		Matrix Spike % Rec.	113.600	%	70-130
	p-Isopropyltoluene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.020	mg/kg dry wt	
		Matrix Spike % Rec.	104.600	%	70-130
	n-Propylbenzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.019	mg/kg dry wt	
		Matrix Spike % Rec.	99.800	%	70-130

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Report Date: 3/2/2009 Lims Bat # : LIMT-23332

QC Batch Number: GCMS/VOL-21535

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04561					
	sec-Butylbenzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.019	mg/kg dry wt	
		Matrix Spike % Rec.	100.000	%	70-130
	tert-Butylbenzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.020	mg/kg dry wt	
		Matrix Spike % Rec.	100.900	%	70-130
	1,2,3-Trichlorobenzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.016	mg/kg dry wt	
		Matrix Spike % Rec.	80.700	%	70-130
	1,2,4-Trichlorobenzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.016	mg/kg dry wt	
		Matrix Spike % Rec.	85.000	%	70-130
	1,2,4-Trimethylbenzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.020	mg/kg dry wt	
		Matrix Spike % Rec.	101.000	%	70-130
	1,3,5-Trimethylbenzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.021	mg/kg dry wt	
		Matrix Spike % Rec.	105.800	%	70-130
	4-Chlorotoluene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.020	mg/kg dry wt	
		Matrix Spike % Rec.	101.700	%	70-130
	Dibromomethane	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.018	mg/kg dry wt	
		Matrix Spike % Rec.	94.300	%	70-130
	cis-1,2-Dichloroethylene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.017	mg/kg dry wt	
		Matrix Spike % Rec.	89.800	%	70-130
	1,1-Dichloropropene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.018	mg/kg dry wt	
		Matrix Spike % Rec.	93.200	%	70-130
	1,2-Dichloropropane	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.016	mg/kg dry wt	

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04561					
	1,2-Dichloropropane	Matrix Spike % Rec.	81.500	%	70-130
	1,3-Dichloropropane	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.017	mg/kg dry wt	
		Matrix Spike % Rec.	90.400	%	70-130
	2,2-Dichloropropane	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.015	mg/kg dry wt	
		Matrix Spike % Rec.	78.800	%	70-130
	1,1,1,2-Tetrachloroethane	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.019	mg/kg dry wt	
		Matrix Spike % Rec.	98.800	%	70-130
	1,2,3-Trichloropropane	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.014	mg/kg dry wt	
		Matrix Spike % Rec.	71.800	%	70-130
	n-Butylbenzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.019	mg/kg dry wt	
		Matrix Spike % Rec.	97.600	%	70-130
	Dichlorodifluoromethane	Sample Amount	<0.020	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.015	mg/kg dry wt	
		Matrix Spike % Rec.	76.200	%	70-130
	Bromochloromethane	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.020	mg/kg dry wt	
		Matrix Spike % Rec.	102.600	%	70-130
	Bromobenzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.020	mg/kg dry wt	
		Matrix Spike % Rec.	102.500	%	70-130
	Acrylonitrile	Sample Amount	<0.006	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.016	mg/kg dry wt	
		Matrix Spike % Rec.	82.300	%	70-130
	Carbon Disulfide	Sample Amount	<0.006	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.021	mg/kg dry wt	
		Matrix Spike % Rec.	108.400	%	70-130
	2-Hexanone	Sample Amount	<0.020	mg/kg dry wt	
		Matrix Spk Amt Added	0.198	mg/kg dry wt	

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04561					
	2-Hexanone	MS Amt Measured	0.188	mg/kg dry wt	
		Matrix Spike % Rec.	95.030	%	70-130
	trans-1,4-Dichloro-2-Butene	Sample Amount	<0.004	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.014	mg/kg dry wt	
		Matrix Spike % Rec.	75.200	%	70-130
	Diethyl Ether	Sample Amount	<0.020	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.020	mg/kg dry wt	
		Matrix Spike % Rec.	101.900	%	70-130
	Bromodichloromethane	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.018	mg/kg dry wt	
		Matrix Spike % Rec.	94.300	%	70-130
	1,2-Dichloroethane-d4	Surrogate Recovery	96.760	%	70-130
	Toluene-d8	Surrogate Recovery	94.800	%	70-130
	Bromofluorobenzene	Surrogate Recovery	96.000	%	70-130
	1,2-Dibromo-3-Chloropropane	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.015	mg/kg dry wt	
		Matrix Spike % Rec.	80.200	%	70-130
	1,2-Dibromoethane	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.018	mg/kg dry wt	
		Matrix Spike % Rec.	94.600	%	70-130
	Tetrahydrofuran	Sample Amount	<0.010	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.015	mg/kg dry wt	
		Matrix Spike % Rec.	76.100	%	70-130
	tert-Butyl Alcohol	Sample Amount	<0.040	mg/kg dry wt	
		Matrix Spk Amt Added	0.198	mg/kg dry wt	
		MS Amt Measured	0.127	mg/kg dry wt	
		Matrix Spike % Rec.	64.199	%	70-130
	Diisopropyl Ether	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.017	mg/kg dry wt	
		Matrix Spike % Rec.	85.700	%	70-130
	tert-Butylethyl Ether	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.017	mg/kg dry wt	
		Matrix Spike % Rec.	87.900	%	70-130
	tert-Amylmethyl Ether	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	

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09B04561					
	tert-Amylmethyl Ether	MS Amt Measured	0.017	mg/kg dry wt	
		Matrix Spike % Rec.	88.600	%	70-130
	1,3,5-Trichlorobenzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.018	mg/kg dry wt	
		Matrix Spike % Rec.	94.300	%	70-130
09B04562					
	1,2-Dichloroethane-d4	Surrogate Recovery	96.280	%	70-130
	Toluene-d8	Surrogate Recovery	92.960	%	70-130
	Bromofluorobenzene	Surrogate Recovery	94.120	%	70-130
09B04563					
	1,2-Dichloroethane-d4	Surrogate Recovery	93.480	%	70-130
	Toluene-d8	Surrogate Recovery	94.280	%	70-130
	Bromofluorobenzene	Surrogate Recovery	94.240	%	70-130
09B04564					
	1,2-Dichloroethane-d4	Surrogate Recovery	93.360	%	70-130
	Toluene-d8	Surrogate Recovery	94.480	%	70-130
	Bromofluorobenzene	Surrogate Recovery	92.080	%	70-130
09B04568					
	1,2-Dichloroethane-d4	Surrogate Recovery	94.720	%	70-130
	Toluene-d8	Surrogate Recovery	93.200	%	70-130
	Bromofluorobenzene	Surrogate Recovery	93.440	%	70-130
BLANK-129721					
	Acetone	Blank	<0.10	mg/kg dry wt	
	Benzene	Blank	<0.002	mg/kg dry wt	
	Carbon Tetrachloride	Blank	<0.002	mg/kg dry wt	
	Chloroform	Blank	<0.004	mg/kg dry wt	
	1,2-Dichloroethane	Blank	<0.002	mg/kg dry wt	
	1,4-Dichlorobenzene	Blank	<0.002	mg/kg dry wt	
	Ethyl Benzene	Blank	<0.002	mg/kg dry wt	
	2-Butanone (MEK)	Blank	<0.040	mg/kg dry wt	
	MIBK	Blank	<0.020	mg/kg dry wt	
	Naphthalene	Blank	<0.004	mg/kg dry wt	
	Styrene	Blank	<0.002	mg/kg dry wt	
	Tetrachloroethylene	Blank	<0.002	mg/kg dry wt	
	Toluene	Blank	<0.002	mg/kg dry wt	
	1,1,1-Trichloroethane	Blank	<0.002	mg/kg dry wt	
	Trichloroethylene	Blank	<0.002	mg/kg dry wt	
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Blank	<0.010	mg/kg dry wt	
	Trichlorofluoromethane	Blank	<0.010	mg/kg dry wt	
	o-Xylene	Blank	<0.002	mg/kg dry wt	
	m + p Xylene	Blank	<0.004	mg/kg dry wt	
	1,2-Dichlorobenzene	Blank	<0.002	mg/kg dry wt	

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-129721					
	1,3-Dichlorobenzene	Blank	<0.002	mg/kg dry wt	
	1,1-Dichloroethane	Blank	<0.002	mg/kg dry wt	
	1,1-Dichloroethylene	Blank	<0.004	mg/kg dry wt	
	1,4-Dioxane	Blank	<0.10	mg/kg dry wt	
	MTBE	Blank	<0.004	mg/kg dry wt	
	trans-1,2-Dichloroethylene	Blank	<0.002	mg/kg dry wt	
	Vinyl Chloride	Blank	<0.010	mg/kg dry wt	
	Methylene Chloride	Blank	<0.020	mg/kg dry wt	
	Chlorobenzene	Blank	<0.002	mg/kg dry wt	
	Chloromethane	Blank	<0.010	mg/kg dry wt	
	Bromomethane	Blank	<0.010	mg/kg dry wt	
	Chloroethane	Blank	<0.020	mg/kg dry wt	
	cis-1,3-Dichloropropene	Blank	<0.001	mg/kg dry wt	
	trans-1,3-Dichloropropene	Blank	<0.001	mg/kg dry wt	
	Chlorodibromomethane	Blank	<0.001	mg/kg dry wt	
	1,1,2-Trichloroethane	Blank	<0.002	mg/kg dry wt	
	Bromoform	Blank	<0.002	mg/kg dry wt	
	1,1,2,2-Tetrachloroethane	Blank	<0.001	mg/kg dry wt	
	2-Chlorotoluene	Blank	<0.002	mg/kg dry wt	
	Hexachlorobutadiene	Blank	<0.002	mg/kg dry wt	
	Isopropylbenzene	Blank	<0.002	mg/kg dry wt	
	p-Isopropyltoluene	Blank	<0.002	mg/kg dry wt	
	n-Propylbenzene	Blank	<0.002	mg/kg dry wt	
	sec-Butylbenzene	Blank	<0.002	mg/kg dry wt	
	tert-Butylbenzene	Blank	<0.002	mg/kg dry wt	
	1,2,3-Trichlorobenzene	Blank	<0.002	mg/kg dry wt	
	1,2,4-Trichlorobenzene	Blank	<0.002	mg/kg dry wt	
	1,2,4-Trimethylbenzene	Blank	<0.002	mg/kg dry wt	
	1,3,5-Trimethylbenzene	Blank	<0.002	mg/kg dry wt	
	4-Chlorotoluene	Blank	<0.002	mg/kg dry wt	
	Dibromomethane	Blank	<0.002	mg/kg dry wt	
	cis-1,2-Dichloroethylene	Blank	<0.002	mg/kg dry wt	
	1,1-Dichloropropene	Blank	<0.002	mg/kg dry wt	
	1,2-Dichloropropane	Blank	<0.002	mg/kg dry wt	
	1,3-Dichloropropane	Blank	<0.001	mg/kg dry wt	
	2,2-Dichloropropane	Blank	<0.002	mg/kg dry wt	
	1,1,1,2-Tetrachloroethane	Blank	<0.002	mg/kg dry wt	
	1,2,3-Trichloropropane	Blank	<0.002	mg/kg dry wt	
	n-Butylbenzene	Blank	<0.002	mg/kg dry wt	
	Dichlorodifluoromethane	Blank	<0.020	mg/kg dry wt	
	Bromochloromethane	Blank	<0.002	mg/kg dry wt	
	Bromobenzene	Blank	<0.002	mg/kg dry wt	
	Acrylonitrile	Blank	<0.006	mg/kg dry wt	

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BLANK-129721					
	Carbon Disulfide	Blank	<0.006	mg/kg dry wt	
	2-Hexanone	Blank	<0.020	mg/kg dry wt	
	trans-1,4-Dichloro-2-Butene	Blank	<0.004	mg/kg dry wt	
	Diethyl Ether	Blank	<0.020	mg/kg dry wt	
	Bromodichloromethane	Blank	<0.002	mg/kg dry wt	
	1,2-Dibromo-3-Chloropropane	Blank	<0.002	mg/kg dry wt	
	1,2-Dibromoethane	Blank	<0.001	mg/kg dry wt	
	Tetrahydrofuran	Blank	<0.010	mg/kg dry wt	
	tert-Butyl Alcohol	Blank	<0.040	mg/kg dry wt	
	Diisopropyl Ether	Blank	<0.001	mg/kg dry wt	
	tert-Butylethyl Ether	Blank	<0.001	mg/kg dry wt	
	tert-Amylmethyl Ether	Blank	<0.001	mg/kg dry wt	
	1,3,5-Trichlorobenzene	Blank	<0.002	mg/kg dry wt	
LFBLANK-91827					
	Acetone	Lab Fort Blank Amt.	0.200	mg/kg dry wt	
		Lab Fort Blk. Found	0.281	mg/kg dry wt	
		Lab Fort Blk. % Rec.	140.720	%	70-160
	Benzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	92.500	%	70-130
	Carbon Tetrachloride	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	107.200	%	70-130
	Chloroform	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	93.000	%	70-130
	1,2-Dichloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	107.600	%	70-130
	1,4-Dichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.200	%	70-130
	Ethyl Benzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	109.100	%	70-130
	2-Butanone (MEK)	Lab Fort Blank Amt.	0.200	mg/kg dry wt	
		Lab Fort Blk. Found	0.202	mg/kg dry wt	
		Lab Fort Blk. % Rec.	101.470	%	70-160
	MIBK	Lab Fort Blank Amt.	0.200	mg/kg dry wt	
		Lab Fort Blk. Found	0.198	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.250	%	70-160
	Naphthalene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/2/2009 Lims Bat # : LIMT-23332

QC Batch Number: GCMS/VOL-21535

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-91827					
	Naphthalene	Lab Fort Blk. % Rec.	101.100	%	40-130
	Styrene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	109.000	%	70-130
	Tetrachloroethylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.022	mg/kg dry wt	
		Lab Fort Blk. % Rec.	110.400	%	70-130
	Toluene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.500	%	70-130
	1,1,1-Trichloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	105.300	%	70-130
	Trichloroethylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.100	%	70-130
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.025	mg/kg dry wt	
		Lab Fort Blk. % Rec.	126.800	%	70-130
	Trichlorofluoromethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.024	mg/kg dry wt	
		Lab Fort Blk. % Rec.	120.900	%	70-130
	o-Xylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	105.600	%	70-130
	m + p Xylene	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.042	mg/kg dry wt	
		Lab Fort Blk. % Rec.	107.350	%	70-130
	1,2-Dichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	107.300	%	70-130
	1,3-Dichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	108.200	%	70-130
	1,1-Dichloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	92.000	%	70-130
	1,1-Dichloroethylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	105.500	%	70-130
	1,4-Dioxane	Lab Fort Blank Amt.	0.200	mg/kg dry wt	
		Lab Fort Blk. Found	0.179	mg/kg dry wt	
		Lab Fort Blk. % Rec.	89.780	%	40-160

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LFBLANK-91827					
	MTBE	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	100.600	%	70-130
	trans-1,2-Dichloroethylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.300	%	70-130
	Vinyl Chloride	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	100.100	%	40-130
	Methylene Chloride	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	92.700	%	40-160
	Chlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	105.400	%	70-130
	Chloromethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	88.900	%	40-130
	Bromomethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.800	%	40-130
	Chloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	105.900	%	70-130
	cis-1,3-Dichloropropene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	97.700	%	70-130
	trans-1,3-Dichloropropene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.800	%	70-130
	Chlorodibromomethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.023	mg/kg dry wt	
		Lab Fort Blk. % Rec.	115.500	%	70-130
	1,1,2-Trichloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	91.300	%	70-130
	Bromoform	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.027	mg/kg dry wt	
		Lab Fort Blk. % Rec.	138.700	%	70-130
	1,1,2,2-Tetrachloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.300	%	70-130
	2-Chlorotoluene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	

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LFBLANK-91827					
	2-Chlorotoluene	Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	109.400	%	70-130
	Hexachlorobutadiene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.023	mg/kg dry wt	
		Lab Fort Blk. % Rec.	117.900	%	70-130
	Isopropylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.024	mg/kg dry wt	
		Lab Fort Blk. % Rec.	123.700	%	70-130
	p-Isopropyltoluene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.023	mg/kg dry wt	
		Lab Fort Blk. % Rec.	115.400	%	70-130
	n-Propylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.022	mg/kg dry wt	
		Lab Fort Blk. % Rec.	111.600	%	70-130
	sec-Butylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.022	mg/kg dry wt	
		Lab Fort Blk. % Rec.	110.700	%	70-130
	tert-Butylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.022	mg/kg dry wt	
		Lab Fort Blk. % Rec.	110.100	%	70-160
	1,2,3-Trichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	105.300	%	70-130
	1,2,4-Trichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.200	%	70-130
	1,2,4-Trimethylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.022	mg/kg dry wt	
		Lab Fort Blk. % Rec.	111.600	%	70-130
	1,3,5-Trimethylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.023	mg/kg dry wt	
		Lab Fort Blk. % Rec.	117.500	%	70-130
	4-Chlorotoluene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	109.100	%	70-130
	Dibromomethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	98.200	%	70-130
	cis-1,2-Dichloroethylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	95.500	%	70-130
	1,1-Dichloropropene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-91827					
	1,1-Dichloropropene	Lab Fort Blk. % Rec.	100.900	%	70-130
	1,2-Dichloropropane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	86.700	%	70-130
	1,3-Dichloropropane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.900	%	70-130
	2,2-Dichloropropane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	88.500	%	70-130
	1,1,1,2-Tetrachloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.022	mg/kg dry wt	
		Lab Fort Blk. % Rec.	111.800	%	70-130
	1,2,3-Trichloropropane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.016	mg/kg dry wt	
		Lab Fort Blk. % Rec.	81.900	%	70-130
	n-Butylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.022	mg/kg dry wt	
		Lab Fort Blk. % Rec.	110.600	%	70-130
	Dichlorodifluoromethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.016	mg/kg dry wt	
		Lab Fort Blk. % Rec.	83.900	%	40-160
	Bromochloromethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	109.500	%	70-130
	Bromobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.022	mg/kg dry wt	
		Lab Fort Blk. % Rec.	112.700	%	70-130
	Acrylonitrile	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	87.900	%	70-160
	Carbon Disulfide	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.023	mg/kg dry wt	
		Lab Fort Blk. % Rec.	118.800	%	70-130
	2-Hexanone	Lab Fort Blank Amt.	0.200	mg/kg dry wt	
		Lab Fort Blk. Found	0.201	mg/kg dry wt	
		Lab Fort Blk. % Rec.	100.970	%	70-160
	trans-1,4-Dichloro-2-Butene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	91.900	%	70-130
	Diethyl Ether	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.000	%	70-130

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-91827					
	Bromodichloromethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.100	%	70-130
	1,2-Dibromo-3-Chloropropane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	100.100	%	70-130
	1,2-Dibromoethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.000	%	70-130
	Tetrahydrofuran	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	91.400	%	70-130
	tert-Butyl Alcohol	Lab Fort Blank Amt.	0.200	mg/kg dry wt	
		Lab Fort Blk. Found	0.153	mg/kg dry wt	
		Lab Fort Blk. % Rec.	76.970	%	40-130
	Diisopropyl Ether	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	89.400	%	70-130
	tert-Butylethyl Ether	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	94.500	%	70-130
	tert-Amylmethyl Ether	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	97.200	%	70-130
	1,3,5-Trichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.022	mg/kg dry wt	
		Lab Fort Blk. % Rec.	111.400	%	70-130

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QC Batch Number: HG-9883

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-129740					
	Mercury	Blank	<0.025	mg/kg dry wt	
LFBLANK-91846					
	Mercury	Lab Fort Blank Amt.	1.250	mg/kg dry wt	
		Lab Fort Blk. Found	1.171	mg/kg dry wt	
		Lab Fort Blk. % Rec.	93.723	%	65.9-133

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QC Batch Number: ICP-21219

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04553					
	Copper	Sample Amount	143.97	mg/kg dry wt	
		Duplicate Value	103.71	mg/kg dry wt	
		Duplicate RPD	32.51	%	0-35
		Sample Amount	143.97	mg/kg dry wt	
		Matrix Spk Amt Added	30.12	mg/kg dry wt	
		MS Amt Measured	155.68	mg/kg dry wt	
		Matrix Spike % Rec.	38.89	%	75-125
	Lead	Sample Amount	57.82	mg/kg dry wt	
		Duplicate Value	49.13	mg/kg dry wt	
		Duplicate RPD	16.25	%	0-35
		Sample Amount	57.82	mg/kg dry wt	
		Matrix Spk Amt Added	30.12	mg/kg dry wt	
		MS Amt Measured	76.89	mg/kg dry wt	
		Matrix Spike % Rec.	63.29	%	75-125
BLANK-129867					
	Silver	Blank	<0.50	mg/kg dry wt	
	Arsenic	Blank	<2.50	mg/kg dry wt	
	Barium	Blank	<5.00	mg/kg dry wt	
	Beryllium	Blank	<0.25	mg/kg dry wt	
	Cadmium	Blank	<0.25	mg/kg dry wt	
	Chromium	Blank	<0.50	mg/kg dry wt	
	Copper	Blank	<0.50	mg/kg dry wt	
	Nickel	Blank	<0.50	mg/kg dry wt	
	Lead	Blank	<0.75	mg/kg dry wt	
	Antimony	Blank	<4.00	mg/kg dry wt	
	Selenium	Blank	<5.00	mg/kg dry wt	
	Thallium	Blank	<3.00	mg/kg dry wt	
	Vanadium	Blank	<5.00	mg/kg dry wt	
	Zinc	Blank	<1.00	mg/kg dry wt	
LFBLANK-91985					
	Silver	Lab Fort Blank Amt.	62.40	mg/kg dry wt	
		Lab Fort Blk. Found	51.54	mg/kg dry wt	
		Lab Fort Blk. % Rec.	82.59	%	66-133
	Arsenic	Lab Fort Blank Amt.	123.00	mg/kg dry wt	
		Lab Fort Blk. Found	114.29	mg/kg dry wt	
		Lab Fort Blk. % Rec.	92.91	%	80-120
	Barium	Lab Fort Blank Amt.	256.00	mg/kg dry wt	
		Lab Fort Blk. Found	234.49	mg/kg dry wt	
		Lab Fort Blk. % Rec.	91.59	%	81-119
	Beryllium	Lab Fort Blank Amt.	75.90	mg/kg dry wt	
		Lab Fort Blk. Found	74.61	mg/kg dry wt	
		Lab Fort Blk. % Rec.	98.30	%	84-116
	Cadmium	Lab Fort Blank Amt.	258.00	mg/kg dry wt	

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QC Batch Number: ICP-21219

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-91985					
	Cadmium	Lab Fort Blk. Found	229.46	mg/kg dry wt	
		Lab Fort Blk. % Rec.	88.93	%	83-117
	Chromium	Lab Fort Blank Amt.	138.00	mg/kg dry wt	
		Lab Fort Blk. Found	127.03	mg/kg dry wt	
		Lab Fort Blk. % Rec.	92.05	%	82-118
	Copper	Lab Fort Blank Amt.	122.00	mg/kg dry wt	
		Lab Fort Blk. Found	117.65	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.43	%	83-117
	Nickel	Lab Fort Blank Amt.	111.00	mg/kg dry wt	
		Lab Fort Blk. Found	97.30	mg/kg dry wt	
		Lab Fort Blk. % Rec.	87.65	%	80-120
	Lead	Lab Fort Blank Amt.	136.00	mg/kg dry wt	
		Lab Fort Blk. Found	116.03	mg/kg dry wt	
		Lab Fort Blk. % Rec.	85.31	%	82-118
	Antimony	Lab Fort Blank Amt.	138.00	mg/kg dry wt	
		Lab Fort Blk. Found	115.38	mg/kg dry wt	
		Lab Fort Blk. % Rec.	83.60	%	30-207
	Selenium	Lab Fort Blank Amt.	199.00	mg/kg dry wt	
		Lab Fort Blk. Found	177.39	mg/kg dry wt	
		Lab Fort Blk. % Rec.	89.14	%	77-123
	Thallium	Lab Fort Blank Amt.	297.00	mg/kg dry wt	
		Lab Fort Blk. Found	263.18	mg/kg dry wt	
		Lab Fort Blk. % Rec.	88.61	%	82-120
	Vanadium	Lab Fort Blank Amt.	158.00	mg/kg dry wt	
		Lab Fort Blk. Found	148.01	mg/kg dry wt	
		Lab Fort Blk. % Rec.	93.67	%	80-120
	Zinc	Lab Fort Blank Amt.	314.00	mg/kg dry wt	
		Lab Fort Blk. Found	277.62	mg/kg dry wt	
		Lab Fort Blk. % Rec.	88.41	%	81-119

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Method Blanks

QUALITY CONTROL DEFINITIONS AND ABBREVIATIONS

QC BATCH NUMBER	This is the number assigned to all samples analyzed together that would be subject to comparison with a particular set of Quality Control Data.
LIMITS	Upper and Lower Control Limits for the QC ANALYSIS Reported. All values normally would fall within these statistically determined limits, unless there is an unusual circumstance that would be documented in a NOTE appearing on the last page of the QC SUMMARY REPORT. Not all QC results will have Limits defined.
Sample Amount	Amount of analyte found in a sample.
Blank	Method Blank that has been taken though all the steps of the analysis.
LFBLANK	Laboratory Fortified Blank (a control sample)
STDADD	Standard Added (a laboratory control sample)
Matrix Spk Amt Added	Amount of analyte spiked into a sample
MS Amt Measured	Amount of analyte found including amount that was spiked
Matrix Spike % Rec.	% Recovery of spiked amount in sample.
Duplicate Value	The result from the Duplicate analysis of the sample.
Duplicate RPD	The Relative Percent Difference between two Duplicate Analyses.
Surrogate Recovery	The % Recovery for non-environmental compounds (surrogates) spiked into samples to determine the performance of the analytical methods.
Sur. Recovery (ELCD)	Surrogate Recovery on the Electrolytic Conductivity Detector.
Sur. Recovery (PID)	Surrogate Recovery on the Photoionization Detector.
Standard Measured	Amount measured for a laboratory control sample
Standard Amt Added	Known value for a laboratory control sample
Standard % Recovery	% recovered for a laboratory control sample with a known value.
Lab Fort Blank Amt	Laboratory Fortified Blank Amount Added
Lab Fort Blk. Found	Laboratory Fortified Blank Amount Found
Lab Fort Blk % Rec	Laboratory Fortified Blank % Recovered
Dup Lab Fort Bl Amt	Duplicate Laboratory Fortified Blank Amount Added
Dup Lab Fort Bl Fnd	Duplicate Laboratory Fortified Blank Amount Found
Dup Lab Fort Bl % Rec	Duplicate Laboratory Fortified Blank % Recovery
Lab Fort Blank Range	Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified Blank Duplicate).
Lab Fort Bl. Av. Rec.	Laboratory Fortified Blank Average Recovery
Duplicate Sample Amt	Sample Value for Duplicate used with Matrix Spike Duplicate
MSD Amount Added	Matrix Spike Duplicate Amount Added (Spiked)
MSD Amt Measured	Matrix Spike Duplicate Amount Measured
MSD % Recovery	Matrix Spike Duplicate % Recovery
MSD Range	Absolute difference between Matrix Spike and Matrix Spike Duplicate Recoveries

REASONABLE CONFIDENCE PROTOCOL

LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory *Client:* AECOM- Rocky Hill, CT

Project Location: Meriden Factory H *Project Number:* LIMT- 23332

Laboratory Sample ID(s): 09B04553- 09B04571 *Sampling Date(s):* 2/17/09

List RCP Methods Used (e.g., 8260, 8270, et cetera): 8260, 6010, ETPH, 8270, 7471

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 or 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° C°)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	☒Yes ☐ No ☐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: MM Erick **Position:** Assistant Laboratory Director

Printed Name: Michael Erickson **Date:** 3/2/09

Name of Laboratory: CON-TEST ANALYTICAL LABORATORY

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

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www.contestlabs.com

CHAIN OF CUSTODY RECORD

Limt # 23332

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: AECOM
Address: 500 Enterprise Dr, Ste IA, Rocky Hill CT
Attention: S. Perhala / J. Bondos
Project Location: Hayden Factory H
Sampled By: S Perhala / D Serenet

Telephone: 860 2635800
Project # 60073489
Client PO #

DATA DELIVERY (check one):
☐ FAX ☐ EMAIL ☒ WEBSITE CLIENT
Fax # :
Email:
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY
☐ OTHER

Proposal Provided? (For Billing purposes) ☒ yes 11/08 proposal date

State Form Required? ☐ yes ☒ no

ANALYSIS REQUESTED

Field ID	Sample Description	Lab # 09B	Date Sampled Start Date/Time	Date Sampled Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	PAHs	Lead	Copper	ETPH	CT MP 15 Metals	VOCs	# of containers	**Preservation	~Cont.Code
	ME-SS-01 0-1'	04553	2/17/09	11:40		X	S	U	X	X	X				1	1	G
	ME-SS-02 0-1'	04554	2/17/09	12:40		X									1	1	G
	ME-SS-03 - 0-1'	04555	2/17/09	12:10		X									1	1	G
	ME-SS-04 0-1'	04556	2/17/09	13:15		X											
	ME-SS-05 0-1'	04557	2/17/09	12:00		X											
	ME-SS-06 0-1'	04558	2/17/09	13:40		X											
	ME-SS-07 0-1'	04559	2/17/09	10:20		X											
	ME-SS-08 0-1'	04560	2/17/09	14:00		X											

~Cont. Code: A=amber glass, G=glass, P=plastic, ST=sterile, V=vial, S=summa can, T=tedlar bag, O=Other

Client Comments:

DI VIALS / ENCORE
FROZEN AT:
02-18-09 14:53 OUT

7A 17B 9D

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

Laboratory Comments:

Relinquished by: (signature)	Date/Time: 2-18-09 9am	
Received by: (signature)	Date/Time: 2/18/09 9:00	
Relinquished by: (signature)	Date/Time: 2/18/09 2:45	
Received by: (signature) 928 Temp 4°	Date/Time: 2/18/09 14:45	

Turnaround **
☒ 5-Day
☐ 10-Day
☐ Other
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? RCS / GAPMC
Data Enhancement Project/RCP? ☒ Y ☐ N
Special Requirements or DL's: RSRS

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other
X = Na hydroxide
T = Na thiosulfate

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY CLIENT.

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CHAIN OF CUSTODY RECORD

Limt # 23332

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: AECOM
Address: ROCKY HILL
Attention: S. PEHARA / J. BOWDOS
Project Location: FACTORY H - MELDEN
Sampled By: S. PEHARA / D. SELEMOT

Telephone: 860 2635800
Project # 60073489
Client PO #

Proposal Provided? (For Billing purposes) ☒ yes NOV 08 proposal date

State Form Required? ☐ yes ☒ no

DATA DELIVERY (check one):
☐ FAX ☐ EMAIL ☒ WEBSITE CLIENT
Fax # :
Email:
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY ☐ OTHER

ANALYSIS REQUESTED

Field ID	Sample Description	Lab #	Date Sampled Start Date/Time	Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	VOCs	PAHs	Lead	EPH	CTDEP 15-Metals								# of containers
	ME-SB-06 0-1'	04561	2/17/09	9:17		X	S		X	X	X										
	ME-SB-06 2-3'	04562		9:22		X			X	X	X										
	ME-SB-07 0-1'	04563		9:35					X	X	X										
	ME-SB-07 2-4'	04564		9:55					X	X	X										
	ME-SS-10 0-1	04565		11:00						X		X									
	ME-SS-11 0-6"	~~04566~~		14:45						~~X~~		~~X~~	~~X~~	HOLD							
	ME-SS-11 1-1.5'	04567		14:50						X		X	X								
	ME-SS-12 0-1'	04567		10:15						X		X	X								

Client Comments: FROZEN AT: 02-18-09 14:53 OUT

DILS / ENCORE

Laboratory 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: 2-18-09 7AM	
Received by: (signature)	Date/Time: 2/18/09 9:00	
Relinquished by: (signature)	Date/Time: 2/18/09 2:40	
Received by: (signature) Temple	Date/Time: 2/18/09 4:45	

Turnaround **
☒ 5-Day
☐ 10-Day
☐ Other
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations?
Data Enhancement Project/RCP? ☐ Y ☐ N
Special Requirements or DL's:

***Matrix Code:**
GW = groundwater
WW = wastewater
DW = drinking water
A = air
S = soil/solid
SL = sludge
O = other

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other
X = Na hydroxide
T = Na thiosulfate

Cont. Code: A=amber glass, G=glass, P=plastic, ST=sterile, V=vial, S=summa can, T=tedlar bag, O=Other

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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CHAIN OF CUSTODY RECORD

Limit # 23332

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: AECOM
Address: ROCKY HILL
Attention: S. Feldman / Jones
Project Location: Meldon Factory
Sampled By: Stecki / Solomon

Telephone: 860 263 5800
Project # 60073489
Client PO #

DATA DELIVERY (check one):
☐ FAX ☐ EMAIL ☒ WEBSITE CLIENT
Fax # :
Email:
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY
☐ OTHER

Proposal Provided? (For Billing purposes) ☒ yes 11/08 proposal date

State Form Required? ☐ yes ☒ no

ANALYSIS REQUESTED

Field ID	Sample Description	Lab #	Date Sampled Start Date/Time	Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	# of containers	**Preservation	~Cont.Code
	ME-SS-02 2-4'										
	ME-SS-03 2-4'										
	ME-SS-04 1-4'										
	ME-SS-06 2-4										
	ME-SB-07 4-5'										

~Cont. Code: A=amber glass, G=glass, P=plastic, ST=sterile, V=vial, S=summa can, T=tedlar bag, O=Other

Client Comments:

PENDING HOLD INSTRUCTION

DIVALS/ENCORE FROZEN AT: 02-18-09 14:53 OUT

Laboratory 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: 2-18-09 9AM	
Received by: (signature)	Date/Time: 2/18/09 9:00	
Relinquished by: (signature)	Date/Time: 2/18/09 2:00	
Received by: (signature) Temp 4°C	Date/Time: 2/18/09 14:15	

Turnaround **
☒ 5-Day
☐ 10-Day
☐ Other
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? DS/GAMC
Data Enhancement Project/RCP? ☒ Y ☐ N
Special Requirements or DL's? ROHS

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other
X = Na hydroxide
T = Na thiosulfate

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, T[illegible]OUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY C[illegible]ENT.

AIHA, NELAC & WBE/D[illegible]ertified

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CHAIN OF CUSTODY RECORD

Limit # 23332

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: AECOM
Address: ROCKY HILL
Attention: SP/JB
Project Location: MILLDON FACTORY H
Sampled By: SP/DS

Telephone: (860) 263 5800
Project # 60073489
Client PO #

DATA DELIVERY (check one):
☐ FAX ☐ EMAIL ☒ WEBSITE CLIENT
Fax # :
Email:
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY
☐ OTHER

Proposal Provided? (For Billing purposes) ☒ yes 11/08 proposal date

State Form Required? ☐ yes ☒ no

ANALYSIS REQUESTED

Field ID	Sample Description	Lab # 09B	Date Sampled Start Date/Time	Date Sampled Stop Date/Time	Comp-osite	Grab	*Matrix Code	Conc. Code	VOC	PAHs	Pb	Cu, Zn	ETPH	15 metals	# of containers	**Preservation	~Cont.Code
	~~DUP~~ ME-SB-DUP	04568	2/17/09	9:55		●	S		X	X	X						
	ME-SS DUP	04569		11:00		X	S			X	X	X					
	~~ME-SB-01~~																
	ME-SS-09 1-1.5'	04570		10:25		●	S			X			X	X			
	ME-SS-09 0-0.5'			10:25		X	S				H02	P					
	Trip Blank 021709	04571							X								

DISPOSAL / ENCORE FROZEN AT:

Client Comments:

02-18-09 14:53 OUT

Laboratory 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

~Cont. Code: A=amber glass, G=glass, P=plastic, ST=sterile, V=vial, S=summa can, T=tedlar bag, O=Other

Relinquished by: (signature)	Date/Time: 2-18-09 9AM	
Received by: (signature)	Date/Time: 2/18/09 9:00	
Relinquished by: (signature)	Date/Time: 2/18/09 2:45	
Received by: (signature) Temp 4°C	Date/Time: 2/18/09 12:45	

Turnaround **
☒ 5-Day
☐ 10-Day
☐ Other ____
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? RCS / GAPMC
Data Enhancement Project/RCP? ☒ Y ☐ N
Special Requirements or DL's: RSRS

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other
X = Na hydroxide
T = Na thiosulfate

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

AIHA, NELAC & WBE/DBE Certified

REASONABLE CONFIDENCE PROTOCOL

LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory *Client:* AECOM- Rocky Hill, CT

Project Location: Meriden Factory H *Project Number:* LIMT- 23332

Laboratory Sample ID(s): 09B04553- 09B04571 *Sampling Date(s):* 2/17/09

List RCP Methods Used (e.g., 8260, 8270, et cetera): 8260, 6010, ETPH, 8270, 7471

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 or 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° C°)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	☒Yes ☐ No ☐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: M Erick **Position: Assistant Laboratory Director**

Printed Name: Michael Erickson **Date:** 3/2/09

Name of Laboratory: CON-TEST ANALYTICAL LABORATORY

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

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CHAIN OF CUSTODY RECORD

Limit # 23332

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Page 1 of 4

Company Name: AECOM
Address: 500 Enterprise Dr, Ste 1A, Rocky Hill CT
Attention: S. Perhacia / J. Bondos
Project Location: Malden Factory H
Sampled By: S Perhacia / D Serenai

Telephone: 860 2635800
Project # 60073489
Client PO #

DATA DELIVERY (check one):
☐ FAX ☐ EMAIL ☒ WEBSITE CLIENT
Fax #:
Email:
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY ☐ OTHER

Proposal Provided? (For Billing purposes) ☒ yes 11/08 proposal date
State Form Required? ☐ yes ☒ no

Field ID	Sample Description	Lab # 09B	Date Sampled Start Date/Time	Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	PAHs	Lead	Copper	ETPH	CT EP 15 metals	VOCs							# of containers	**Preservation	~Cont.Code
									1	1	1										1	1	1
									1	1	1										1	1	1
									C	C	C										C	C	C
	ME-SS-01 0-1'	04553	2/17/09	11:40		X	S	U	X	X	X												
	ME-SS-02 0-1'	04554	2/17/09	12:40		X																	
	ME-SS-03 0-1'	04555	2/17/09	12:10		X																	
	ME-SS-04 0-1'	04556	2/17/09	13:15		X																	
	ME-SS-05 0-1'	04557	2/17/09	12:00		X																	
	ME-SS-06 0-1'	04558	2/17/09	13:40		X																	
	ME-SS-07 0-1'	04559	2/17/09	10:20		X																	
	ME-SS-08 0-1'	04560	2/17/09	14:00		X																	

ANALYSIS REQUESTED

~Cont. Code: A=amber glass, G=glass, P=plastic, ST=sterile, V=vial, S=summa can, T=tedlar bag, O=Other

Client Comments:

DI VIALS / ENCORE FROZEN AT: 02-18-09 14:53 OUT

7A 17B 90

Laboratory 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: 2-18-09 9am	
Received by: (signature)	Date/Time: 2/18/09 9:00	
Relinquished by: (signature)	Date/Time: 2/18/09 2:45	
Received by: (signature) Temp 4°	Date/Time: 2/18/09 14:45	

Turnaround **
☒ 5-Day
☐ 10-Day
☐ Other
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? RCS / GAPMC
Data Enhancement Project/RCP? ☒ Y ☐ N
Special Requirements or DL's: RSRS

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other
X = Na hydroxide
T = Na thiosulfate

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

Lmt # 23332

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: AECOM
Address: ROCKY HILL
Attention: S PEHKA / L. BOWDOS
Project Location: FACTORY ST - MELDEN
Sampled By: S PEHKA / D. SELMOT

Telephone: (860) 263-5800
Project # 60073489
Client PO #

DATA DELIVERY (check one):
☐ FAX ☐ EMAIL ☒ WEBSITE CLIENT
Fax # :
Email:
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY ☐ OTHER

Proposal Provided? (For Billing purposes) ☒ yes NOV 08 proposal date
State Form Required? ☐ yes ☒ no

ANALYSIS REQUESTED

Field ID	Sample Description	Lab #	Date Sampled Start Date/Time	Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	VOCs	PAHs	Lead	E. MTX	CTDEP 15 Metals								# of containers / **Preservation / ~Cont. Code
	ME-SB-06 0-1'	04561	2/17/09	9:17		X	S		X	X	X										
	ME-SB-06 2-3'	04562		9:22		X			X	X	X										
	ME-SB-07 0-1'	04563		9:35					X	X	X										
	ME-SB-07 2-4'	04564		9:55					X	X	X										
	ME-SS-10 0-1	04565		11:00						X		X									
	ME-SS-11 0-6"	~~04566~~ (K)		14:45						~~X~~		~~X~~	~~X~~		HOLD						
	ME-SS-11 1-1.5'	04566		14:50						X		X	X								
	ME-SS-12 0-1'	04567		10:15						X		X	X								

~Cont. Code: A=amber glass, G=glass, P=plastic, ST=sterile, V=vial, S=summa can, T=tedlar bag, O=Other

Client Comments: DI ALS / ENCORE

FROZEN AT: 02-18-09 14:53 OUT

Laboratory 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: 2-18-09 9AM	
Received by: (signature)	Date/Time: 2/18/09 9:00	
Relinquished by: (signature)	Date/Time: 2/18/09 2:40	
Received by: (signature) Temp 4C	Date/Time: 2/18/09 W.45	

Turnaround **
☒ 5-Day
☐ 10-Day
☐ Other
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations?
Data Enhancement Project/RCP? ☐ Y ☐ N
Special Requirements or DL's:

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other
X = Na hydroxide
T = Na thiosulfate

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY CLIENT.

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CHAIN OF CUSTODY RECORD

Limit # 23332

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: AECOM
Address: ROCKY HILL
Attention: S Fournier / Jones
Project Location: Wilmington Factory
Sampled By: S Fournier / A Solomon

Telephone: 860 263 5800
Project # 60073489
Client PO #

DATA DELIVERY (check one):
☐ FAX ☐ EMAIL ☒ WEBSITE CLIENT
Fax # :
Email:
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY
☐ OTHER

Proposal Provided? (For Billing purposes) ☒ yes 11/08 proposal date

State Form Required? ☐ yes ☒ no

ANALYSIS REQUESTED

Field ID	Sample Description	Lab # 09R	Date Sampled Start Date/Time	Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code
	ME-SS-02 2-4'							
	ME-SS-03 2-4'							
	ME-SS-04 1-4'							
	ME-SS-06 2-4							
	ME-SB-07 4-5'							

# of containers
**Preservation
~Cont.Code

~Cont. Code: A=amber glass, G=glass, P=plastic, ST=sterile, V=vial, S=syringe can, T=ziplock bag, O=Other

Client Comments:

PENDING HOLD INSTRUCTION

Laboratory 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

DIVALS/ENCORE
FROZEN AT: 02-18-09 14:53 OUT
7A

Relinquished by: (signature)	Date/Time: 2-18-09 9AM	
Received by: (signature)	Date/Time: 2/18/09 9:00	
Relinquished by: (signature)	Date/Time: 2/18/09 2:00	
Received by: (signature) Temp 4°C	Date/Time: 2/18/09 14:45	

Turnaround **
☒ 5-Day
☐ 10-Day
☐ Other
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? RS / GA MC
Data Enhancement Project/RCP? ☒ Y ☐ N
Special Requirements or DL's: RORS

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other
X = Na hydroxide
T = Na thiosulfate

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CHAIN OF CUSTODY RECORD

Lmt # 23332

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: AECOM
Address: ROCKY HILL
Attention: SP/JB
Project Location: MILLDON FACTORY H
Sampled By: SP/DS

Telephone: (860) 263 5800
Project # 60073489
Client PO #

DATA DELIVERY (check one):
☐ FAX ☐ EMAIL ☒ WEBSITE CLIENT
Fax # :
Email:
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY
☐ OTHER

Proposal Provided? (For Billing purposes) ☒ yes 1/10/8 proposal date
State Form Required? ☐ yes ☒ no

ANALYSIS REQUESTED

Field ID	Sample Description	Lab # OAB	Date Sampled Start Date/Time	Date Sampled Stop Date/Time	Comp-osite	Grab	*Matrix Code	Conc. Code	VOC	PAHs	Pb	Cu/Zn/Cr	ETPH	15 metals	# of containers	**Preservation	~Cont.Code
	~~DUP~~ ME-SB-DUP	04568	2/17/09	9:55		G	S		X	X	X						
	ME-SS-DUP	04569		11:00		X	S			X	X	X					
	~~ME-SB-07~~																
	ME-SS-09 1-1.5'	04570		10:25		G	S			X			X	X			
	ME-SS-09 0-0.5'			10:25		X	S			HOLD							
	Trip Blank 021709	04571							X								

DI VALS / ENCORE FROZEN AT

Client Comments:

02-18-09 14:53 OUT

Laboratory 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

~Cont. Code: A=amber glass, G=glass, P=plastic, ST=sterile, V=vial, S=summa can, T=tedlar bag, O=Other

Relinquished by: (signature)	Date/Time: 2-18-09 AM
Received by: (signature)	Date/Time: 2/18/09 9:00
Relinquished by: (signature)	Date/Time: 2/18/09 2:45
Received by: (signature) Temp 4°C	Date/Time: 2/18/09 14:45

Turnaround **
☒ 5 X 7-Day
☐ 10-Day
☐ Other
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? RCS / GAPMC
Data Enhancement Project/RCP? ☐ Y ☐ N
Special Requirements or DL's: RSD

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other
X = Na hydroxide
T = Na thiosulfate

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY CLIENT.

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39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

Sample Receipt Checklist

CLIENT NAME: Aecom RECEIVED BY: KO DATE: 2/18/09

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 [X] Direct from Sampling [ ] Ambient [ ] In Cooler(s) [X]

Were the samples received in Temperature Compliance of (2-6°C)? Yes No

Temperature °C by Temp blank 4°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: 19A

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved

Client Signature: _____

Containers sent in to Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz clear jar	21
500 mL Amber		4 oz clear jar	4
250 mL Amber (8oz amber)		2 oz 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	Brass Sleeves	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Summa Cans	
Flashpoint bottle		Regulators	
Encore		Other ~~DI VIALS / ENCORE FROZEN AT:~~	

Laboratory Comments:

02-18-09 14:53 001

40 mL vials: # HCl _____ # Methanol 7

Bisulfate _____ # DI Water 14 Time and Date Frozen: _____

Thiosulfate _____ Unpreserved _____

Do all samples have the proper pH: Yes No N/A

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

REPORT DATE 3/3/2009

AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067
ATTN: S. PERHALA/J BONDOS

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23411
JOB NUMBER: 60073489

PROJECT LOCATION: FACTORY H MERIDEN

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST	Subcontract Lab (if any) Cert. Nos.
EB 021909	09B04971	WATER OTHE	Not Specified	6020 h2o 14rcp	
EB 021909	09B04971	WATER OTHE	Not Specified	8260 water	
EB 021909	09B04971	WATER OTHE	Not Specified	cyanide-total	
EB 021909	09B04971	WATER OTHE	Not Specified	etph water	
EB 021909	09B04971	WATER OTHE	Not Specified	hg (mg/l) wet	
EB 021909	09B04971	WATER OTHE	Not Specified	pah - lo h2o all	
ME-MW-02 13-14FT	09B04963	SOIL	Not Specified	8260 dry weight	
ME-MW-02 13-14FT	09B04963	SOIL	Not Specified	cyanide-tot sldg	
ME-MW-02 13-14FT	09B04963	SOIL	Not Specified	etph dry weight	
ME-MW-02 13-14FT	09B04963	SOIL	Not Specified	metals-8 slg icp	
ME-MW-02 13-14FT	09B04963	SOIL	Not Specified	pah - sludge	
ME-MW-02 13-14FT	09B04963	SOIL	Not Specified	solids (percent)	
ME-MW-02 4.5-5FT	09B04962	SOIL	Not Specified	8260 dry weight	
ME-MW-02 4.5-5FT	09B04962	SOIL	Not Specified	cyanide-tot sldg	
ME-MW-02 4.5-5FT	09B04962	SOIL	Not Specified	etph dry weight	
ME-MW-02 4.5-5FT	09B04962	SOIL	Not Specified	metals(15pp)sicp	
ME-MW-02 4.5-5FT	09B04962	SOIL	Not Specified	pah - sludge	
ME-MW-02 4.5-5FT	09B04962	SOIL	Not Specified	solids (percent)	
ME-SB-01 0.5-1.5FT	09B04958	SOIL	Not Specified	8260 dry weight	
ME-SB-01 0.5-1.5FT	09B04958	SOIL	Not Specified	cyanide-tot sldg	
ME-SB-01 0.5-1.5FT	09B04958	SOIL	Not Specified	etph dry weight	
ME-SB-01 0.5-1.5FT	09B04958	SOIL	Not Specified	metals-8 slg icp	
ME-SB-01 0.5-1.5FT	09B04958	SOIL	Not Specified	pah - sludge	
ME-SB-01 0.5-1.5FT	09B04958	SOIL	Not Specified	solids (percent)	
ME-SB-01 8-9FT	09B04959	SOIL	Not Specified	8260 dry weight	
ME-SB-01 8-9FT	09B04959	SOIL	Not Specified	cyanide-tot sldg	
ME-SB-01 8-9FT	09B04959	SOIL	Not Specified	etph dry weight	
ME-SB-01 8-9FT	09B04959	SOIL	Not Specified	metals(15pp)sicp	
ME-SB-01 8-9FT	09B04959	SOIL	Not Specified	pah - sludge	
ME-SB-01 8-9FT	09B04959	SOIL	Not Specified	solids (percent)	
ME-SB-02 1-2FT	09B04960	SOIL	Not Specified	8260 dry weight	
ME-SB-02 1-2FT	09B04960	SOIL	Not Specified	cyanide-tot sldg	
ME-SB-02 1-2FT	09B04960	SOIL	Not Specified	etph dry weight	
ME-SB-02 1-2FT	09B04960	SOIL	Not Specified	metals-8 slg icp	
ME-SB-02 1-2FT	09B04960	SOIL	Not Specified	pah - sludge	
ME-SB-02 1-2FT	09B04960	SOIL	Not Specified	solids (percent)	
ME-SB-02 8-9FT	09B04961	SOIL	Not Specified	8260 dry weight	
ME-SB-02 8-9FT	09B04961	SOIL	Not Specified	cyanide-tot sldg	
ME-SB-02 8-9FT	09B04961	SOIL	Not Specified	etph dry weight	

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

REPORT DATE 3/3/2009

AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067
ATTN: S. PERHALA/J BONDOS

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23411
JOB NUMBER: 60073489

ME-SB-02 8-9FT	09B04961	SOIL	Not Specified	metals-8 slg icp
ME-SB-02 8-9FT	09B04961	SOIL	Not Specified	pah - sludge
ME-SB-02 8-9FT	09B04961	SOIL	Not Specified	solids (percent)
ME-SB-03 1-2FT	09B04964	SOIL	Not Specified	8260 dry weight
ME-SB-03 1-2FT	09B04964	SOIL	Not Specified	cyanide-tot sldg
ME-SB-03 1-2FT	09B04964	SOIL	Not Specified	etph dry weight
ME-SB-03 1-2FT	09B04964	SOIL	Not Specified	metals-8 slg icp
ME-SB-03 1-2FT	09B04964	SOIL	Not Specified	pah - sludge
ME-SB-03 1-2FT	09B04964	SOIL	Not Specified	solids (percent)
ME-SB-03 7.5-8.5FT	09B04965	SOIL	Not Specified	8260 dry weight
ME-SB-03 7.5-8.5FT	09B04965	SOIL	Not Specified	cyanide-tot sldg
ME-SB-03 7.5-8.5FT	09B04965	SOIL	Not Specified	etph dry weight
ME-SB-03 7.5-8.5FT	09B04965	SOIL	Not Specified	metals-8 slg icp
ME-SB-03 7.5-8.5FT	09B04965	SOIL	Not Specified	pah - sludge
ME-SB-03 7.5-8.5FT	09B04965	SOIL	Not Specified	solids (percent)
ME-SB-04 0-1FT	09B04966	SOIL	Not Specified	8260 dry weight
ME-SB-04 0-1FT	09B04966	SOIL	Not Specified	cyanide-tot sldg
ME-SB-04 0-1FT	09B04966	SOIL	Not Specified	etph dry weight
ME-SB-04 0-1FT	09B04966	SOIL	Not Specified	metals-8 slg icp
ME-SB-04 0-1FT	09B04966	SOIL	Not Specified	pah - sludge
ME-SB-04 0-1FT	09B04966	SOIL	Not Specified	solids (percent)
ME-SB-04 8-9FT	09B04967	SOIL	Not Specified	8260 dry weight
ME-SB-04 8-9FT	09B04967	SOIL	Not Specified	cyanide-tot sldg
ME-SB-04 8-9FT	09B04967	SOIL	Not Specified	etph dry weight
ME-SB-04 8-9FT	09B04967	SOIL	Not Specified	metals-8 slg icp
ME-SB-04 8-9FT	09B04967	SOIL	Not Specified	pah - sludge
ME-SB-04 8-9FT	09B04967	SOIL	Not Specified	solids (percent)
ME-SB-05 0.5-1.5FT	09B04968	SOIL	Not Specified	8260 dry weight
ME-SB-05 0.5-1.5FT	09B04968	SOIL	Not Specified	cyanide-tot sldg
ME-SB-05 0.5-1.5FT	09B04968	SOIL	Not Specified	etph dry weight
ME-SB-05 0.5-1.5FT	09B04968	SOIL	Not Specified	metals(15pp)sicp
ME-SB-05 0.5-1.5FT	09B04968	SOIL	Not Specified	pah - sludge
ME-SB-05 0.5-1.5FT	09B04968	SOIL	Not Specified	solids (percent)
ME-SB-05 5.5-6FT	09B04969	SOIL	Not Specified	8260 dry weight
ME-SB-05 5.5-6FT	09B04969	SOIL	Not Specified	cyanide-tot sldg
ME-SB-05 5.5-6FT	09B04969	SOIL	Not Specified	etph dry weight
ME-SB-05 5.5-6FT	09B04969	SOIL	Not Specified	metals-8 slg icp
ME-SB-05 5.5-6FT	09B04969	SOIL	Not Specified	pah - sludge
ME-SB-05 5.5-6FT	09B04969	SOIL	Not Specified	solids (percent)
TB 021909	09B04970	LIQUIDS	Not Specified	8260 solid

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REPORT DATE 3/3/2009

AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067
ATTN: S. PERHALA/J BONDOS

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23411
JOB NUMBER: 60073489

Comments :

LIMS BATCH NO. : LIMT-23411

CASE NARRATIVE SUMMARY

Recommended sample holding times were not exceeded for all samples analyzed by method(s) listed unless listed below: None Exceeded

All samples for the method(s) listed were received preserved properly in the proper containers at 4 degrees C +/- 2 degrees as specified on the chain-of-custody form unless listed below:
All properly preserved

In method 8260 water, the initial and/or continuing calibration did not meet method specifications. For sample 09B04971, 1,4-Dioxane was calibrated with a relative response factor <0.05.

In method 8260 water, the initial calibration did not meet method specifications. For sample 09B04971, Bromomethane was calibrated by linear regression with a correlation coefficient <0.99. Reduced accuracy and precision are anticipated for any reported result for this compound.

In method 8260 water, any reported result for tert-Butyl Alcohol, trans-1,4-Dichloro-2-butene, Naphthalene, 1,2,4-Trichlorobenzene, Hexachlorobutadiene, 1,2,3-Trichlorobenzene, and 2-Hexanone in sample 09B04971 is estimated and likely to be biased on the low side based on continuing calibration bias.

In method 8260 water, any reported result for Methyl Isobutyl Ketone, Naphthalene, Hexachlorobutadiene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 2-Hexanone, and trans-1,4-Dichloro-2-butene in sample 09B04971 is likely to be biased on the low side based on laboratory fortified blank (laboratory control sample) recovery bias.

In method 8260 soil and solid, the initial and/or continuing calibration did not meet method specifications. For samples 09B04958 - 970, Acetone, tert-Butyl Alcohol, 2-Butanone, Tetrahydrofuran, and 1,4-Dioxane were calibrated with a relative response factor <0.05.

In method 8260 soil for sample 09B04959, the matrix spike recovery for tert-Butyl Alcohol is biased on the low side. Analysis is in control based on laboratory control sample. Possibility of sample matrix effects that lead to low bias for reported results cannot be eliminated.

In method 6020, the Interference Check Standard AB was outside of control limits for Cu.
Any reported result for this element may be biased low.

In method 6010, the low level calibration check is outside control limits for Zn. Reported results for this element at or near the detection limit may be bias on the high side.

There are no other issues which affect the usability of the data.

DETAILED CASE NARRATIVE

METHOD SW846 7470/7471A - ADDITIONAL COMMENTS

Sample duplicate and matrix spike performed on SOIL sample 09B04963. Sample duplicate not reported due to non-detect sample and duplicate results.
Sample 09B04969 was diluted 1:5 to obtain a result within the linear calibration range.

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REPORT DATE 3/3/2009

AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067
ATTN: S. PERHALA/J BONDOS

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23411
JOB NUMBER: 60073489

CT ETPH METHOD - ADDITIONAL COMMENTS

In method CT ETPH, samples 09B04958 (x20) and 09B04962 (x5) were diluted because undiluted results were over the verified linear calibration range.

METHOD SW846 9014 - ADDITIONAL COMMENTS

A matrix spike and a matrix spike duplicate were performed on samples 09B04964 and 09B04971.

METHOD SW846 8260 LOW LEVEL WATER - ADDITIONAL COMMENTS

In method 8260 water for Bromomethane in sample 09B04971, data is not affected by continuing calibration non-conformance since bias is on the high side and all results are "not detected".

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, Tetrachloroethylene, Tert-butyl Alcohol, Acetone, 1,4-Dioxane, Vinyl Chloride, Chloromethane, Bromomethane, Naphthalene, 2,2-Dichloropropane, Dichlorodifluoromethane, and 2-Hexanone
Compounds outside of control limits:

In method 8260 water, data is not affected by laboratory fortified blank (laboratory control sample) recovery outlier(s) for Methylene Chloride in sample 09B04971 since all results are "not detected" and recovery bias is on the high side.

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 listed below:
All other reporting limits were met.

METHOD SW846 8260 SOIL - ADDITIONAL COMMENTS

In method 8260 soil and solid for Bromomethane and Bromoform in samples 09B04958 - 970, data is not affected by continuing calibration non-conformance since bias is on the high side and all results are "not detected".

In method 8260 soil for sample 09B04962, the internal standard recovery for 1,4-Dichlorobenzene-d4 is outside of control limits and biased on the low side. Data is not affected since all results are "not detected" and results bias would be on the high side.

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, and Bromomethane.
Additional difficult analytes in water only: 2,2-Dichloropropane and Tetrachloroethylene
Additional difficult analytes in soil only: Acrylonitrile, 1,2,3-Trichloropropane, Methylene Chloride, n-Butylbenzene, and Tert-butylbenzene.
Compounds outside of control limits:
None outside of control limits

All 8260 MS and MSD recoveries, sample duplicate RPD's, and MSD RPD's, if requested in this batch, were within control limits specified by the method unless listed below:

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REPORT DATE 3/3/2009

AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067
ATTN: S. PERHALA/J BONDOS

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23411
JOB NUMBER: 60073489

In method 8260 soil for sample 09B04959, data is not affected by matrix spike recovery outlier(s) for Acetone, 1,2-Dichloroethane, 1,1,2-Trichloro-1,2,2-Trifluoroethane, Trichlorofluoromethane, Bromoform, Isopropylbenzene, and 1,2,4-Trimethylbenzene since all results are "not detected" and recovery bias is on the high side.

METHOD SW846 6020 - ADDITIONAL COMMENTS

Sample duplicate and matrix spike performed on sample 09B04971. Sample duplicate is not reported for all elements due to non detect sample and duplicate results.

METHOD SW846 6010 - ADDITIONAL COMMENTS

For samples 09B04959, 09B04962 and 09B04968, all elements were requested and reported.
For all other samples only RCRA8 elements were requested and reported.
Sample duplicate and matrix spike performed on sample 09B04968.
Sample duplicate is not reported for Sb, Se and Tl due to non detect sample and duplicate results.
Method blank contamination noted above the reporting limit for Zn. All sample results are >10x the level of contamination, no corrective action is necessary.

METHOD SW846 8270 WATER - ADDITIONAL COMMENTS

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 specified below: All other requested reporting limits are met.

In method 8270, only PAH compounds were requested and reported.

METHOD SW846 8270 SOLID - ADDITIONAL COMMENTS

If dilutions were performed only one dilution within the linear calibrated region of the curve is reported.
All 8270 samples were analyzed undiluted unless specified below:

Sample	Dilution(s)
09B04958	undilute and 5x
09B04965	undilute and 5x

In method 8270,samples 09B04958 and 09B04965 were diluted because undiluted results were over the verified linear calibration range.

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 specified below:
All other requested reporting limits are met.

In method 8270 solid, only PAH compounds were requested and reported.

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REPORT DATE 3/3/2009

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ATTN: S. PERHALA/J BONDOS

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23411
JOB NUMBER: 60073489

The results of analyses performed are based on samples as submitted to the laboratory and relate only to the items collected and tested.

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations. AIHA accreditations only apply to NIOSH methods and Environmental Lead Analyses.

AIHA 100033	AIHA ELLAP (LEAD) 100033	NORTH CAROLINA CERT. # 652
MASSACHUSETTS MA0100	NEW HAMPSHIRE NELAP 2516	NEW JERSEY NELAP NJ MA007 (AIR)
CONNECTICUT PH-0567	VERMONT DOH (LEAD) No. LL015036	FLORIDA DOH E871027 (AIR)
NEW YORK ELAP/NELAP 10899	RHODE ISLAND (LIC. No. 112)	

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

Edward Denson 3/3/09
SIGNATURE DATE

Tod Kopyscinski
Air Laboratory Manager

Michael Erickson
Assistant Laboratory Director

Edward Denson
Technical Director

Daren Damboragian
Organics Department Supervisor

* See end of data tabulation for notes and comments pertaining to this sample

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : EB 021909

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04971

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: WATER OTHER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Antimony	ug/L	ND	02/24/09	KMT	5.00			
Arsenic	ug/L	ND	02/24/09	KMT	2.00			
Barium	ug/L	ND	02/24/09	KMT	250			
Beryllium	ug/L	ND	02/24/09	KMT	2.00			
Cadmium	ug/L	ND	02/24/09	KMT	2.50			
Chromium	ug/L	ND	02/24/09	KMT	50.0			
Copper	ug/L	ND	02/24/09	KMT	25.0			
Lead	ug/L	ND	02/24/09	KMT	5.00			
Nickel	ug/L	ND	02/24/09	KMT	25.0			
Selenium	ug/L	ND	02/24/09	KMT	25.0			
Silver	ug/L	ND	02/24/09	KMT	2.50			
Thallium	ug/L	ND	02/24/09	KMT	1.00			
Vanadium	ug/L	ND	02/24/09	KMT	25.0			
Zinc	ug/L	ND	02/24/09	KMT	100			

Analytical Method:
SW846 6020
SAMPLES ARE ANALYZED BY ICP/MS

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

‡ = See attached chain-of-custody record for time sampled

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-MW-02 13-14FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04963 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	mg/kg dry wt	ND	02/23/09	MFF	0.11			
Acrylonitrile	mg/kg dry wt	ND	02/23/09	MFF	0.007			
tert-Amylmethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Benzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Bromobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Bromochloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Bromodichloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Bromoform	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Bromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.011			
2-Butanone (MEK)	mg/kg dry wt	ND	02/23/09	MFF	0.041			
tert-Butyl Alcohol	mg/kg dry wt	ND	02/23/09	MFF	0.041			
n-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
sec-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
tert-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
tert-Butylethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Carbon Disulfide	mg/kg dry wt	ND	02/23/09	MFF	0.007			
Carbon Tetrachloride	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Chlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Chlorodibromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Chloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.021			
Chloroform	mg/kg dry wt	ND	02/23/09	MFF	0.005			
Chloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.011			
2-Chlorotoluene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
4-Chlorotoluene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2-Dibromoethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Dibromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,3-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-MW-02 13-14FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04963 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	02/23/09	MFF	0.005			
Dichlorodifluoromethane	mg/kg dry wt	ND	02/23/09	MFF	0.021			
1,1-Dichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2-Dichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,1-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.005			
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,3-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
2,2-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,1-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Diethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.021			
Diisopropyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,4-Dioxane	mg/kg dry wt	ND	02/23/09	MFF	0.11			
Ethyl Benzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Hexachlorobutadiene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
2-Hexanone	mg/kg dry wt	ND	02/23/09	MFF	0.021			
Isopropylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
p-Isopropyltoluene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
MTBE	mg/kg dry wt	ND	02/23/09	MFF	0.005			
Methylene Chloride	mg/kg dry wt	ND	02/23/09	MFF	0.021			
MIBK	mg/kg dry wt	ND	02/23/09	MFF	0.021			
Naphthalene	mg/kg dry wt	ND	02/23/09	MFF	0.005			
n-Propylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Styrene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-MW-02 13-14FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04963

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Tetrachloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Tetrahydrofuran	mg/kg dry wt	ND	02/23/09	MFF	0.011			
Toluene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2,3-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,3,5-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,1,1-Trichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,1,2-Trichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Trichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Trichlorofluoromethane	mg/kg dry wt	ND	02/23/09	MFF	0.011			
1,2,3-Trichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg dry wt	ND	02/23/09	MFF	0.011			
1,2,4-Trimethylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,3,5-Trimethylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Vinyl Chloride	mg/kg dry wt	ND	02/23/09	MFF	0.011			
m + p Xylene	mg/kg dry wt	ND	02/23/09	MFF	0.005			
o-Xylene	mg/kg dry wt	ND	02/23/09	MFF	0.003			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-MW-02 4.5-5FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04962

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	mg/kg dry wt	ND	02/23/09	MFF	0.15			
Acrylonitrile	mg/kg dry wt	ND	02/23/09	MFF	0.009			
tert-Amylmethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Benzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Bromobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Bromochloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Bromodichloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Bromoform	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Bromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.015			
2-Butanone (MEK)	mg/kg dry wt	ND	02/23/09	MFF	0.060			
tert-Butyl Alcohol	mg/kg dry wt	ND	02/23/09	MFF	0.060			
n-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
sec-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
tert-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
tert-Butylethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Carbon Disulfide	mg/kg dry wt	ND	02/23/09	MFF	0.009			
Carbon Tetrachloride	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Chlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Chlorodibromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Chloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.030			
Chloroform	mg/kg dry wt	ND	02/23/09	MFF	0.006			
Chloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.015			
2-Chlorotoluene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
4-Chlorotoluene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2-Dibromoethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Dibromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,3-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-MW-02 4.5-5FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04962 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
1,4-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	02/23/09	MFF	0.006			
Dichlorodifluoromethane	mg/kg dry wt	ND	02/23/09	MFF	0.030			
1,1-Dichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2-Dichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,1-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.006			
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,3-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
2,2-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,1-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Diethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.030			
Diisopropyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,4-Dioxane	mg/kg dry wt	ND	02/23/09	MFF	0.15			
Ethyl Benzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Hexachlorobutadiene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
2-Hexanone	mg/kg dry wt	ND	02/23/09	MFF	0.030			
Isopropylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
p-Isopropyltoluene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
MTBE	mg/kg dry wt	ND	02/23/09	MFF	0.006			
Methylene Chloride	mg/kg dry wt	ND	02/23/09	MFF	0.030			
MIBK	mg/kg dry wt	ND	02/23/09	MFF	0.030			
Naphthalene	mg/kg dry wt	ND	02/23/09	MFF	0.006			
n-Propylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Styrene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-MW-02 4.5-5FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04962

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Tetrachloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Tetrahydrofuran	mg/kg dry wt	ND	02/23/09	MFF	0.015			
Toluene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2,3-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,3,5-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,1,1-Trichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,1,2-Trichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Trichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Trichlorofluoromethane	mg/kg dry wt	ND	02/23/09	MFF	0.015			
1,2,3-Trichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg dry wt	ND	02/23/09	MFF	0.015			
1,2,4-Trimethylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,3,5-Trimethylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Vinyl Chloride	mg/kg dry wt	ND	02/23/09	MFF	0.015			
m + p Xylene	mg/kg dry wt	ND	02/23/09	MFF	0.006			
o-Xylene	mg/kg dry wt	ND	02/23/09	MFF	0.003			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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‡ = See attached chain-of-custody record for time sampled

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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-01 0.5-1.5FT
Sample ID : 09B04958
‡Sampled : 2/19/2009
Not Specified
Sample Matrix: SOIL

LIMS-BAT #: LIMT-23411
Job Number: 60073489

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	mg/kg dry wt	ND	02/23/09	MFF	0.092			
Acrylonitrile	mg/kg dry wt	ND	02/23/09	MFF	0.006			
tert-Amylmethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Benzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromochloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromodichloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromoform	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.010			
2-Butanone (MEK)	mg/kg dry wt	ND	02/23/09	MFF	0.037			
tert-Butyl Alcohol	mg/kg dry wt	ND	02/23/09	MFF	0.037			
n-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
sec-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
tert-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
tert-Butylethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Carbon Disulfide	mg/kg dry wt	ND	02/23/09	MFF	0.006			
Carbon Tetrachloride	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Chlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Chlorodibromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Chloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.019			
Chloroform	mg/kg dry wt	ND	02/23/09	MFF	0.004			
Chloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.010			
2-Chlorotoluene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
4-Chlorotoluene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dibromoethane	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Dibromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,3-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-01 0.5-1.5FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04958

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	02/23/09	MFF	0.004			
Dichlorodifluoromethane	mg/kg dry wt	ND	02/23/09	MFF	0.019			
1,1-Dichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.004			
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,3-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.001			
2,2-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.001			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Diethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.019			
Diisopropyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.001			
1,4-Dioxane	mg/kg dry wt	ND	02/23/09	MFF	0.092			
Ethyl Benzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Hexachlorobutadiene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
2-Hexanone	mg/kg dry wt	ND	02/23/09	MFF	0.019			
Isopropylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
p-Isopropyltoluene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
MTBE	mg/kg dry wt	ND	02/23/09	MFF	0.004			
Methylene Chloride	mg/kg dry wt	ND	02/23/09	MFF	0.019			
MIBK	mg/kg dry wt	ND	02/23/09	MFF	0.019			
Naphthalene	mg/kg dry wt	ND	02/23/09	MFF	0.004			
n-Propylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Styrene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-01 0.5-1.5FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04958

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Tetrachloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Tetrahydrofuran	mg/kg dry wt	ND	02/23/09	MFF	0.010			
Toluene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2,3-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,3,5-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1,1-Trichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1,2-Trichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Trichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Trichlorofluoromethane	mg/kg dry wt	ND	02/23/09	MFF	0.010			
1,2,3-Trichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg dry wt	ND	02/23/09	MFF	0.010			
1,2,4-Trimethylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,3,5-Trimethylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Vinyl Chloride	mg/kg dry wt	ND	02/23/09	MFF	0.010			
m + p Xylene	mg/kg dry wt	ND	02/23/09	MFF	0.004			
o-Xylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-01 8-9FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04959

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	mg/kg dry wt	ND	02/23/09	MFF	0.13			
Acrylonitrile	mg/kg dry wt	ND	02/23/09	MFF	0.008			
tert-Amylmethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Benzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Bromobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Bromochloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Bromodichloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Bromoform	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Bromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.013			
2-Butanone (MEK)	mg/kg dry wt	ND	02/23/09	MFF	0.049			
tert-Butyl Alcohol	mg/kg dry wt	ND	02/23/09	MFF	0.049			
n-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
sec-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
tert-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
tert-Butylethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Carbon Disulfide	mg/kg dry wt	ND	02/23/09	MFF	0.008			
Carbon Tetrachloride	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Chlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Chlorodibromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Chloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.025			
Chloroform	mg/kg dry wt	ND	02/23/09	MFF	0.005			
Chloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.013			
2-Chlorotoluene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
4-Chlorotoluene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2-Dibromoethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Dibromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,3-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-01 8-9FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04959

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	02/23/09	MFF	0.005			
Dichlorodifluoromethane	mg/kg dry wt	ND	02/23/09	MFF	0.025			
1,1-Dichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2-Dichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,1-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.005			
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,3-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
2,2-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,1-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Diethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.025			
Diisopropyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,4-Dioxane	mg/kg dry wt	ND	02/23/09	MFF	0.13			
Ethyl Benzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Hexachlorobutadiene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
2-Hexanone	mg/kg dry wt	ND	02/23/09	MFF	0.025			
Isopropylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
p-Isopropyltoluene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
MTBE	mg/kg dry wt	ND	02/23/09	MFF	0.005			
Methylene Chloride	mg/kg dry wt	ND	02/23/09	MFF	0.025			
MIBK	mg/kg dry wt	ND	02/23/09	MFF	0.025			
Naphthalene	mg/kg dry wt	ND	02/23/09	MFF	0.005			
n-Propylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Styrene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-01 8-9FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04959

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Tetrachloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Tetrahydrofuran	mg/kg dry wt	ND	02/23/09	MFF	0.013			
Toluene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2,3-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,3,5-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,1,1-Trichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,1,2-Trichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Trichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Trichlorofluoromethane	mg/kg dry wt	ND	02/23/09	MFF	0.013			
1,2,3-Trichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg dry wt	ND	02/23/09	MFF	0.013			
1,2,4-Trimethylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,3,5-Trimethylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Vinyl Chloride	mg/kg dry wt	ND	02/23/09	MFF	0.013			
m + p Xylene	mg/kg dry wt	ND	02/23/09	MFF	0.005			
o-Xylene	mg/kg dry wt	ND	02/23/09	MFF	0.003			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-02 1-2FT
Sample ID : 09B04960
‡Sampled : 2/19/2009
Not Specified
Sample Matrix: SOIL

LIMS-BAT #: LIMT-23411
Job Number: 60073489

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	mg/kg dry wt	ND	02/23/09	MFF	0.089			
Acrylonitrile	mg/kg dry wt	ND	02/23/09	MFF	0.006			
tert-Amylmethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Benzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromochloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromodichloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromoform	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.009			
2-Butanone (MEK)	mg/kg dry wt	ND	02/23/09	MFF	0.036			
tert-Butyl Alcohol	mg/kg dry wt	ND	02/23/09	MFF	0.036			
n-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
sec-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
tert-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
tert-Butylethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Carbon Disulfide	mg/kg dry wt	ND	02/23/09	MFF	0.006			
Carbon Tetrachloride	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Chlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Chlorodibromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Chloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.018			
Chloroform	mg/kg dry wt	ND	02/23/09	MFF	0.004			
Chloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.009			
2-Chlorotoluene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
4-Chlorotoluene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dibromoethane	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Dibromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,3-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			

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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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S. PERHALA/J BONDOS
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-02 1-2FT
Sample ID : 09B04960
‡Sampled : 2/19/2009
Not Specified
Sample Matrix: SOIL

LIMS-BAT #: LIMT-23411
Job Number: 60073489

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
1,4-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	02/23/09	MFF	0.004			
Dichlorodifluoromethane	mg/kg dry wt	ND	02/23/09	MFF	0.018			
1,1-Dichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.004			
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,3-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.001			
2,2-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.001			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Diethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.018			
Diisopropyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.001			
1,4-Dioxane	mg/kg dry wt	ND	02/23/09	MFF	0.089			
Ethyl Benzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Hexachlorobutadiene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
2-Hexanone	mg/kg dry wt	ND	02/23/09	MFF	0.018			
Isopropylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
p-Isopropyltoluene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
MTBE	mg/kg dry wt	ND	02/23/09	MFF	0.004			
Methylene Chloride	mg/kg dry wt	ND	02/23/09	MFF	0.018			
MIBK	mg/kg dry wt	ND	02/23/09	MFF	0.018			
Naphthalene	mg/kg dry wt	ND	02/23/09	MFF	0.004			
n-Propylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Styrene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			

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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-02 1-2FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04960

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Tetrachloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Tetrahydrofuran	mg/kg dry wt	ND	02/23/09	MFF	0.009			
Toluene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2,3-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,3,5-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1,1-Trichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1,2-Trichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Trichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Trichlorofluoromethane	mg/kg dry wt	ND	02/23/09	MFF	0.009			
1,2,3-Trichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg dry wt	ND	02/23/09	MFF	0.009			
1,2,4-Trimethylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,3,5-Trimethylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Vinyl Chloride	mg/kg dry wt	ND	02/23/09	MFF	0.009			
m + p Xylene	mg/kg dry wt	ND	02/23/09	MFF	0.004			
o-Xylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

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ROCKY HILL, CT 06067

Purchase Order No.:

3/3/2009

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-02 8-9FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04961

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Acetone	mg/kg dry wt	ND	02/23/09	MFF	0.077			
Acrylonitrile	mg/kg dry wt	ND	02/23/09	MFF	0.005			
tert-Amylmethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Benzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromochloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromodichloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromoform	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.008			
2-Butanone (MEK)	mg/kg dry wt	ND	02/23/09	MFF	0.031			
tert-Butyl Alcohol	mg/kg dry wt	ND	02/23/09	MFF	0.031			
n-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
sec-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
tert-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
tert-Butylethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Carbon Disulfide	mg/kg dry wt	ND	02/23/09	MFF	0.005			
Carbon Tetrachloride	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Chlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Chlorodibromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Chloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.016			
Chloroform	mg/kg dry wt	ND	02/23/09	MFF	0.004			
Chloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.008			
2-Chlorotoluene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
4-Chlorotoluene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dibromoethane	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Dibromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,3-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			

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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

Purchase Order No.:

3/3/2009

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-02 8-9FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04961

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
1,4-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	02/23/09	MFF	0.004			
Dichlorodifluoromethane	mg/kg dry wt	ND	02/23/09	MFF	0.016			
1,1-Dichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.004			
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,3-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.001			
2,2-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.001			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Diethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.016			
Diisopropyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.001			
1,4-Dioxane	mg/kg dry wt	ND	02/23/09	MFF	0.077			
Ethyl Benzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Hexachlorobutadiene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
2-Hexanone	mg/kg dry wt	ND	02/23/09	MFF	0.016			
Isopropylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
p-Isopropyltoluene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
MTBE	mg/kg dry wt	ND	02/23/09	MFF	0.004			
Methylene Chloride	mg/kg dry wt	ND	02/23/09	MFF	0.016			
MIBK	mg/kg dry wt	ND	02/23/09	MFF	0.016			
Naphthalene	mg/kg dry wt	ND	02/23/09	MFF	0.004			
n-Propylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Styrene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-02 8-9FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04961

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Tetrachloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Tetrahydrofuran	mg/kg dry wt	ND	02/23/09	MFF	0.008			
Toluene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2,3-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,3,5-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1,1-Trichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1,2-Trichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Trichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Trichlorofluoromethane	mg/kg dry wt	ND	02/23/09	MFF	0.008			
1,2,3-Trichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg dry wt	ND	02/23/09	MFF	0.008			
1,2,4-Trimethylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,3,5-Trimethylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Vinyl Chloride	mg/kg dry wt	ND	02/23/09	MFF	0.008			
m + p Xylene	mg/kg dry wt	ND	02/23/09	MFF	0.004			
o-Xylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-03 1-2FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04964

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	mg/kg dry wt	ND	02/23/09	MFF	0.097			
Acrylonitrile	mg/kg dry wt	ND	02/23/09	MFF	0.006			
tert-Amylmethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Benzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromochloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromodichloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromoform	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.010			
2-Butanone (MEK)	mg/kg dry wt	ND	02/23/09	MFF	0.039			
tert-Butyl Alcohol	mg/kg dry wt	ND	02/23/09	MFF	0.039			
n-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
sec-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
tert-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
tert-Butylethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Carbon Disulfide	mg/kg dry wt	ND	02/23/09	MFF	0.006			
Carbon Tetrachloride	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Chlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Chlorodibromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Chloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.020			
Chloroform	mg/kg dry wt	ND	02/23/09	MFF	0.004			
Chloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.010			
2-Chlorotoluene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
4-Chlorotoluene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dibromoethane	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Dibromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,3-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-03 1-2FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04964

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	02/23/09	MFF	0.004			
Dichlorodifluoromethane	mg/kg dry wt	ND	02/23/09	MFF	0.020			
1,1-Dichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.004			
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,3-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.001			
2,2-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.001			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Diethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.020			
Diisopropyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.001			
1,4-Dioxane	mg/kg dry wt	ND	02/23/09	MFF	0.097			
Ethyl Benzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Hexachlorobutadiene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
2-Hexanone	mg/kg dry wt	ND	02/23/09	MFF	0.020			
Isopropylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
p-Isopropyltoluene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
MTBE	mg/kg dry wt	ND	02/23/09	MFF	0.004			
Methylene Chloride	mg/kg dry wt	ND	02/23/09	MFF	0.020			
MIBK	mg/kg dry wt	ND	02/23/09	MFF	0.020			
Naphthalene	mg/kg dry wt	ND	02/23/09	MFF	0.004			
n-Propylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Styrene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			

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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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‡ = See attached chain-of-custody record for time sampled

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AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-03 1-2FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04964 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Tetrachloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Tetrahydrofuran	mg/kg dry wt	ND	02/23/09	MFF	0.010			
Toluene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2,3-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,3,5-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1,1-Trichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1,2-Trichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Trichloroethylene	mg/kg dry wt	0.002	02/23/09	MFF	0.002			
Trichlorofluoromethane	mg/kg dry wt	ND	02/23/09	MFF	0.010			
1,2,3-Trichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg dry wt	ND	02/23/09	MFF	0.010			
1,2,4-Trimethylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,3,5-Trimethylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Vinyl Chloride	mg/kg dry wt	ND	02/23/09	MFF	0.010			
m + p Xylene	mg/kg dry wt	ND	02/23/09	MFF	0.004			
o-Xylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit
ND = Not Detected at or above the Reporting Limit
NM = Not Measured
* = See end of report for comments and notes applying to this sample
‡ = See attached chain-of-custody record for time sampled

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-03 7.5-8.5FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04965 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	mg/kg dry wt	ND	02/23/09	MFF	0.11			
Acrylonitrile	mg/kg dry wt	ND	02/23/09	MFF	0.007			
tert-Amylmethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Benzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Bromobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Bromochloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Bromodichloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Bromoform	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Bromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.011			
2-Butanone (MEK)	mg/kg dry wt	ND	02/23/09	MFF	0.041			
tert-Butyl Alcohol	mg/kg dry wt	ND	02/23/09	MFF	0.041			
n-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
sec-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
tert-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
tert-Butylethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Carbon Disulfide	mg/kg dry wt	ND	02/23/09	MFF	0.007			
Carbon Tetrachloride	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Chlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Chlorodibromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Chloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.021			
Chloroform	mg/kg dry wt	ND	02/23/09	MFF	0.005			
Chloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.011			
2-Chlorotoluene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
4-Chlorotoluene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2-Dibromoethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Dibromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,3-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-03 7.5-8.5FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04965 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	02/23/09	MFF	0.005			
Dichlorodifluoromethane	mg/kg dry wt	ND	02/23/09	MFF	0.021			
1,1-Dichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2-Dichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,1-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.005			
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,3-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
2,2-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,1-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Diethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.021			
Diisopropyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,4-Dioxane	mg/kg dry wt	ND	02/23/09	MFF	0.11			
Ethyl Benzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Hexachlorobutadiene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
2-Hexanone	mg/kg dry wt	ND	02/23/09	MFF	0.021			
Isopropylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
p-Isopropyltoluene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
MTBE	mg/kg dry wt	ND	02/23/09	MFF	0.005			
Methylene Chloride	mg/kg dry wt	ND	02/23/09	MFF	0.021			
MIBK	mg/kg dry wt	ND	02/23/09	MFF	0.021			
Naphthalene	mg/kg dry wt	ND	02/23/09	MFF	0.005			
n-Propylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Styrene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-03 7.5-8.5FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04965

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Tetrachloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Tetrahydrofuran	mg/kg dry wt	ND	02/23/09	MFF	0.011			
Toluene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2,3-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,3,5-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,1,1-Trichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,1,2-Trichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Trichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Trichlorofluoromethane	mg/kg dry wt	ND	02/23/09	MFF	0.011			
1,2,3-Trichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg dry wt	ND	02/23/09	MFF	0.011			
1,2,4-Trimethylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,3,5-Trimethylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Vinyl Chloride	mg/kg dry wt	ND	02/23/09	MFF	0.011			
m + p Xylene	mg/kg dry wt	ND	02/23/09	MFF	0.005			
o-Xylene	mg/kg dry wt	ND	02/23/09	MFF	0.003			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-04 0-1FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04966 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Acetone	mg/kg dry wt	ND	02/23/09	MFF	0.087			
Acrylonitrile	mg/kg dry wt	ND	02/23/09	MFF	0.006			
tert-Amylmethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Benzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromochloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromodichloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromoform	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.009			
2-Butanone (MEK)	mg/kg dry wt	ND	02/23/09	MFF	0.035			
tert-Butyl Alcohol	mg/kg dry wt	ND	02/23/09	MFF	0.035			
n-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
sec-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
tert-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
tert-Butylethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Carbon Disulfide	mg/kg dry wt	ND	02/23/09	MFF	0.006			
Carbon Tetrachloride	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Chlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Chlorodibromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Chloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.018			
Chloroform	mg/kg dry wt	ND	02/23/09	MFF	0.004			
Chloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.009			
2-Chlorotoluene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
4-Chlorotoluene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dibromoethane	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Dibromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,3-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-04 0-1FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04966

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
1,4-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	02/23/09	MFF	0.004			
Dichlorodifluoromethane	mg/kg dry wt	ND	02/23/09	MFF	0.018			
1,1-Dichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.004			
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,3-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.001			
2,2-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.001			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Diethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.018			
Diisopropyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.001			
1,4-Dioxane	mg/kg dry wt	ND	02/23/09	MFF	0.087			
Ethyl Benzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Hexachlorobutadiene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
2-Hexanone	mg/kg dry wt	ND	02/23/09	MFF	0.018			
Isopropylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
p-Isopropyltoluene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
MTBE	mg/kg dry wt	ND	02/23/09	MFF	0.004			
Methylene Chloride	mg/kg dry wt	ND	02/23/09	MFF	0.018			
MIBK	mg/kg dry wt	ND	02/23/09	MFF	0.018			
Naphthalene	mg/kg dry wt	ND	02/23/09	MFF	0.004			
n-Propylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Styrene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-04 0-1FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04966 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Tetrachloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Tetrahydrofuran	mg/kg dry wt	ND	02/23/09	MFF	0.009			
Toluene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2,3-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,3,5-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1,1-Trichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1,2-Trichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Trichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Trichlorofluoromethane	mg/kg dry wt	ND	02/23/09	MFF	0.009			
1,2,3-Trichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg dry wt	ND	02/23/09	MFF	0.009			
1,2,4-Trimethylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,3,5-Trimethylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Vinyl Chloride	mg/kg dry wt	ND	02/23/09	MFF	0.009			
m + p Xylene	mg/kg dry wt	ND	02/23/09	MFF	0.004			
o-Xylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

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‡ = See attached chain-of-custody record for time sampled

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ANALYTICAL LABORATORY
39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

S. PERHALA/J BONDOS
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-04 8-9FT
Sample ID : 09B04967
‡Sampled : 2/19/2009
Not Specified
Sample Matrix: SOIL

LIMS-BAT #: LIMT-23411
Job Number: 60073489

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	mg/kg dry wt	ND	02/23/09	MFF	0.094			
Acrylonitrile	mg/kg dry wt	ND	02/23/09	MFF	0.006			
tert-Amylmethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Benzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromochloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromodichloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromoform	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.010			
2-Butanone (MEK)	mg/kg dry wt	ND	02/23/09	MFF	0.038			
tert-Butyl Alcohol	mg/kg dry wt	ND	02/23/09	MFF	0.038			
n-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
sec-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
tert-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
tert-Butylethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Carbon Disulfide	mg/kg dry wt	ND	02/23/09	MFF	0.006			
Carbon Tetrachloride	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Chlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Chlorodibromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Chloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.019			
Chloroform	mg/kg dry wt	ND	02/23/09	MFF	0.004			
Chloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.010			
2-Chlorotoluene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
4-Chlorotoluene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dibromoethane	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Dibromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,3-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-04 8-9FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04967

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	02/23/09	MFF	0.004			
Dichlorodifluoromethane	mg/kg dry wt	ND	02/23/09	MFF	0.019			
1,1-Dichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.004			
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,3-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.001			
2,2-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.001			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Diethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.019			
Diisopropyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.001			
1,4-Dioxane	mg/kg dry wt	ND	02/23/09	MFF	0.094			
Ethyl Benzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Hexachlorobutadiene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
2-Hexanone	mg/kg dry wt	ND	02/23/09	MFF	0.019			
Isopropylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
p-Isopropyltoluene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
MTBE	mg/kg dry wt	ND	02/23/09	MFF	0.004			
Methylene Chloride	mg/kg dry wt	ND	02/23/09	MFF	0.019			
MIBK	mg/kg dry wt	ND	02/23/09	MFF	0.019			
Naphthalene	mg/kg dry wt	ND	02/23/09	MFF	0.004			
n-Propylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Styrene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-04 8-9FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04967

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Tetrachloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Tetrahydrofuran	mg/kg dry wt	ND	02/23/09	MFF	0.010			
Toluene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2,3-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,3,5-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1,1-Trichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1,2-Trichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Trichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Trichlorofluoromethane	mg/kg dry wt	ND	02/23/09	MFF	0.010			
1,2,3-Trichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg dry wt	ND	02/23/09	MFF	0.010			
1,2,4-Trimethylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,3,5-Trimethylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Vinyl Chloride	mg/kg dry wt	ND	02/23/09	MFF	0.010			
m + p Xylene	mg/kg dry wt	ND	02/23/09	MFF	0.004			
o-Xylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-05 0.5-1.5FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04968 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Acetone	mg/kg dry wt	ND	02/23/09	MFF	0.080			
Acrylonitrile	mg/kg dry wt	ND	02/23/09	MFF	0.005			
tert-Amylmethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Benzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromochloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromodichloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromoform	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Bromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.008			
2-Butanone (MEK)	mg/kg dry wt	ND	02/23/09	MFF	0.032			
tert-Butyl Alcohol	mg/kg dry wt	ND	02/23/09	MFF	0.032			
n-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
sec-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
tert-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
tert-Butylethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Carbon Disulfide	mg/kg dry wt	ND	02/23/09	MFF	0.005			
Carbon Tetrachloride	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Chlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Chlorodibromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Chloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.016			
Chloroform	mg/kg dry wt	ND	02/23/09	MFF	0.004			
Chloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.008			
2-Chlorotoluene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
4-Chlorotoluene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dibromoethane	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Dibromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,3-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			

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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-05 0.5-1.5FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04968 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	02/23/09	MFF	0.004			
Dichlorodifluoromethane	mg/kg dry wt	ND	02/23/09	MFF	0.016			
1,1-Dichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.004			
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,3-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.001			
2,2-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.001			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Diethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.016			
Diisopropyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.001			
1,4-Dioxane	mg/kg dry wt	ND	02/23/09	MFF	0.080			
Ethyl Benzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Hexachlorobutadiene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
2-Hexanone	mg/kg dry wt	ND	02/23/09	MFF	0.016			
Isopropylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
p-Isopropyltoluene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
MTBE	mg/kg dry wt	ND	02/23/09	MFF	0.004			
Methylene Chloride	mg/kg dry wt	ND	02/23/09	MFF	0.016			
MIBK	mg/kg dry wt	ND	02/23/09	MFF	0.016			
Naphthalene	mg/kg dry wt	ND	02/23/09	MFF	0.004			
n-Propylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Styrene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-05 0.5-1.5FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04968

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.001			
Tetrachloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Tetrahydrofuran	mg/kg dry wt	ND	02/23/09	MFF	0.008			
Toluene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2,3-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,3,5-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1,1-Trichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1,2-Trichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Trichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Trichlorofluoromethane	mg/kg dry wt	ND	02/23/09	MFF	0.008			
1,2,3-Trichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg dry wt	ND	02/23/09	MFF	0.008			
1,2,4-Trimethylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,3,5-Trimethylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Vinyl Chloride	mg/kg dry wt	ND	02/23/09	MFF	0.008			
m + p Xylene	mg/kg dry wt	ND	02/23/09	MFF	0.004			
o-Xylene	mg/kg dry wt	ND	02/23/09	MFF	0.002			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-05 5.5-6FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04969

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	mg/kg dry wt	ND	02/23/09	MFF	0.11			
Acrylonitrile	mg/kg dry wt	ND	02/23/09	MFF	0.007			
tert-Amylmethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Benzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Bromobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Bromochloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Bromodichloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Bromoform	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Bromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.011			
2-Butanone (MEK)	mg/kg dry wt	ND	02/23/09	MFF	0.042			
tert-Butyl Alcohol	mg/kg dry wt	ND	02/23/09	MFF	0.042			
n-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
sec-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
tert-Butylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
tert-Butylethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Carbon Disulfide	mg/kg dry wt	ND	02/23/09	MFF	0.007			
Carbon Tetrachloride	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Chlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Chlorodibromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Chloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.021			
Chloroform	mg/kg dry wt	ND	02/23/09	MFF	0.005			
Chloromethane	mg/kg dry wt	ND	02/23/09	MFF	0.011			
2-Chlorotoluene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
4-Chlorotoluene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2-Dibromoethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Dibromomethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,3-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			

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AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-05 5.5-6FT
Sample ID : 09B04969
‡Sampled : 2/19/2009
Not Specified
Sample Matrix: SOIL

LIMS-BAT #: LIMT-23411
Job Number: 60073489

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	02/23/09	MFF	0.005			
Dichlorodifluoromethane	mg/kg dry wt	ND	02/23/09	MFF	0.021			
1,1-Dichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2-Dichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,1-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.005			
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,3-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
2,2-Dichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,1-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Diethyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.021			
Diisopropyl Ether	mg/kg dry wt	ND	02/23/09	MFF	0.002			
1,4-Dioxane	mg/kg dry wt	ND	02/23/09	MFF	0.11			
Ethyl Benzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Hexachlorobutadiene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
2-Hexanone	mg/kg dry wt	ND	02/23/09	MFF	0.021			
Isopropylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
p-Isopropyltoluene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
MTBE	mg/kg dry wt	ND	02/23/09	MFF	0.005			
Methylene Chloride	mg/kg dry wt	ND	02/23/09	MFF	0.021			
MIBK	mg/kg dry wt	ND	02/23/09	MFF	0.021			
Naphthalene	mg/kg dry wt	ND	02/23/09	MFF	0.005			
n-Propylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Styrene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			

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S. PERHALA/J BONDOS
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-05 5.5-6FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04969

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.002			
Tetrachloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Tetrahydrofuran	mg/kg dry wt	ND	02/23/09	MFF	0.011			
Toluene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2,3-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,3,5-Trichlorobenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,1,1-Trichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,1,2-Trichloroethane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Trichloroethylene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Trichlorofluoromethane	mg/kg dry wt	ND	02/23/09	MFF	0.011			
1,2,3-Trichloropropane	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg dry wt	ND	02/23/09	MFF	0.011			
1,2,4-Trimethylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
1,3,5-Trimethylbenzene	mg/kg dry wt	ND	02/23/09	MFF	0.003			
Vinyl Chloride	mg/kg dry wt	ND	02/23/09	MFF	0.011			
m + p Xylene	mg/kg dry wt	ND	02/23/09	MFF	0.005			
o-Xylene	mg/kg dry wt	ND	02/23/09	MFF	0.003			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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S. PERHALA/J BONDOS
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : TB 021909

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04970

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: LIQUIDS

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Acetone	mg/kg	ND	02/23/09	MFF	0.10			
Acrylonitrile	mg/kg	ND	02/23/09	MFF	0.006			
tert-Amylmethyl Ether	mg/kg	ND	02/23/09	MFF	0.001			
Benzene	mg/kg	ND	02/23/09	MFF	0.002			
Bromobenzene	mg/kg	ND	02/23/09	MFF	0.002			
Bromochloromethane	mg/kg	ND	02/23/09	MFF	0.002			
Bromodichloromethane	mg/kg	ND	02/23/09	MFF	0.002			
Bromoform	mg/kg	ND	02/23/09	MFF	0.002			
Bromomethane	mg/kg	ND	02/23/09	MFF	0.010			
2-Butanone (MEK)	mg/kg	ND	02/23/09	MFF	0.040			
tert-Butyl Alcohol	mg/kg	ND	02/23/09	MFF	0.040			
n-Butylbenzene	mg/kg	ND	02/23/09	MFF	0.002			
sec-Butylbenzene	mg/kg	ND	02/23/09	MFF	0.002			
tert-Butylbenzene	mg/kg	ND	02/23/09	MFF	0.002			
tert-Butylethyl Ether	mg/kg	ND	02/23/09	MFF	0.001			
Carbon Disulfide	mg/kg	ND	02/23/09	MFF	0.006			
Carbon Tetrachloride	mg/kg	ND	02/23/09	MFF	0.002			
Chlorobenzene	mg/kg	ND	02/23/09	MFF	0.002			
Chlorodibromomethane	mg/kg	ND	02/23/09	MFF	0.001			
Chloroethane	mg/kg	ND	02/23/09	MFF	0.020			
Chloroform	mg/kg	ND	02/23/09	MFF	0.004			
Chloromethane	mg/kg	ND	02/23/09	MFF	0.010			
2-Chlorotoluene	mg/kg	ND	02/23/09	MFF	0.002			
4-Chlorotoluene	mg/kg	ND	02/23/09	MFF	0.002			
1,2-Dibromo-3-Chloropropane	mg/kg	ND	02/23/09	MFF	0.002			
1,2-Dibromoethane	mg/kg	ND	02/23/09	MFF	0.001			
Dibromomethane	mg/kg	ND	02/23/09	MFF	0.002			
1,2-Dichlorobenzene	mg/kg	ND	02/23/09	MFF	0.002			
1,3-Dichlorobenzene	mg/kg	ND	02/23/09	MFF	0.002			

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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : TB 021909

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04970

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: LIQUIDS

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	mg/kg	ND	02/23/09	MFF	0.002			
trans-1,4-Dichloro-2-Butene	mg/kg	ND	02/23/09	MFF	0.004			
Dichlorodifluoromethane	mg/kg	ND	02/23/09	MFF	0.020			
1,1-Dichloroethane	mg/kg	ND	02/23/09	MFF	0.002			
1,2-Dichloroethane	mg/kg	ND	02/23/09	MFF	0.002			
1,1-Dichloroethylene	mg/kg	ND	02/23/09	MFF	0.004			
cis-1,2-Dichloroethylene	mg/kg	ND	02/23/09	MFF	0.002			
trans-1,2-Dichloroethylene	mg/kg	ND	02/23/09	MFF	0.002			
1,2-Dichloropropane	mg/kg	ND	02/23/09	MFF	0.002			
1,3-Dichloropropane	mg/kg	ND	02/23/09	MFF	0.001			
2,2-Dichloropropane	mg/kg	ND	02/23/09	MFF	0.002			
1,1-Dichloropropene	mg/kg	ND	02/23/09	MFF	0.002			
cis-1,3-Dichloropropene	mg/kg	ND	02/23/09	MFF	0.001			
trans-1,3-Dichloropropene	mg/kg	ND	02/23/09	MFF	0.001			
Diethyl Ether	mg/kg	ND	02/23/09	MFF	0.020			
Diisopropyl Ether	mg/kg	ND	02/23/09	MFF	0.020			
1,4-Dioxane	mg/kg	ND	02/23/09	MFF	0.10			
Ethyl Benzene	mg/kg	ND	02/23/09	MFF	0.002			
Hexachlorobutadiene	mg/kg	ND	02/23/09	MFF	0.002			
2-Hexanone	mg/kg	ND	02/23/09	MFF	0.020			
Isopropylbenzene	mg/kg	ND	02/23/09	MFF	0.002			
p-Isopropyltoluene	mg/kg	ND	02/23/09	MFF	0.002			
MTBE	mg/kg	ND	02/23/09	MFF	0.004			
Methylene Chloride	mg/kg	ND	02/23/09	MFF	0.020			
MIBK	mg/kg	ND	02/23/09	MFF	0.020			
Naphthalene	mg/kg	ND	02/23/09	MFF	0.004			
n-Propylbenzene	mg/kg	ND	02/23/09	MFF	0.002			
Styrene	mg/kg	ND	02/23/09	MFF	0.002			
1,1,1,2-Tetrachloroethane	mg/kg	ND	02/23/09	MFF	0.002			

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3/3/2009

Purchase Order No.:

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LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04970

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: LIQUIDS

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,1,2,2-Tetrachloroethane	mg/kg	ND	02/23/09	MFF	0.001			
Tetrachloroethylene	mg/kg	ND	02/23/09	MFF	0.002			
Tetrahydrofuran	mg/kg	ND	02/23/09	MFF	0.010			
Toluene	mg/kg	ND	02/23/09	MFF	0.002			
1,2,3-Trichlorobenzene	mg/kg	ND	02/23/09	MFF	0.002			
1,2,4-Trichlorobenzene	mg/kg	ND	02/23/09	MFF	0.002			
1,3,5-Trichloroebenzene	mg/kg	ND	02/23/09	MFF	0.002			
1,1,1-Trichloroethane	mg/kg	ND	02/23/09	MFF	0.002			
1,1,2-Trichloroethane	mg/kg	ND	02/23/09	MFF	0.002			
Trichloroethylene	mg/kg	ND	02/23/09	MFF	0.002			
Trichlorofluoromethane	mg/kg	ND	02/23/09	MFF	0.010			
1,2,3-Trichloropropane	mg/kg	ND	02/23/09	MFF	0.002			
1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg	ND	02/23/09	MFF	0.010			
1,2,4-Trimethylbenzene	mg/kg	ND	02/23/09	MFF	0.002			
1,3,5-Trimethylbenzene	mg/kg	ND	02/23/09	MFF	0.002			
Vinyl Chloride	mg/kg	ND	02/23/09	MFF	0.010			
m + p Xylene	mg/kg	ND	02/23/09	MFF	0.004			
o-Xylene	mg/kg	ND	02/23/09	MFF	0.002			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : EB 021909

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04971

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: WATER OTHER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	ug/l	ND	02/23/09	EH	5.0			
Acrylonitrile	ug/l	ND	02/23/09	EH	2.0			
tert-Amylmethyl Ether	ug/l	ND	02/23/09	EH	0.5			
Benzene	ug/l	ND	02/23/09	EH	0.5			
Bromobenzene	ug/l	ND	02/23/09	EH	0.5			
Bromochloromethane	ug/l	ND	02/23/09	EH	0.5			
Bromodichloromethane	ug/l	ND	02/23/09	EH	1.0			
Bromoform	ug/l	ND	02/23/09	EH	5.0			
Bromomethane	ug/l	ND	02/23/09	EH	0.5			
2-Butanone (MEK)	ug/l	ND	02/23/09	EH	2.0			
tert-Butyl Alcohol	ug/l	ND	02/23/09	EH	10.0			
n-Butylbenzene	ug/l	ND	02/23/09	EH	0.5			
sec-Butylbenzene	ug/l	ND	02/23/09	EH	0.5			
tert-Butylbenzene	ug/l	ND	02/23/09	EH	0.5			
tert-Butylethyl Ether	ug/l	ND	02/23/09	EH	0.5			
Carbon Disulfide	ug/l	ND	02/23/09	EH	5.0			
Carbon Tetrachloride	ug/l	ND	02/23/09	EH	0.5			
Chlorobenzene	ug/l	ND	02/23/09	EH	0.5			
Chlorodibromomethane	ug/l	ND	02/23/09	EH	5.0			
Chloroethane	ug/l	ND	02/23/09	EH	0.5			
Chloroform	ug/l	ND	02/23/09	EH	0.5			
Chloromethane	ug/l	ND	02/23/09	EH	0.5			
2-Chlorotoluene	ug/l	ND	02/23/09	EH	0.5			
4-Chlorotoluene	ug/l	ND	02/23/09	EH	0.5			
1,2-Dibromo-3-Chloropropane	ug/l	ND	02/23/09	EH	5.0			
1,2-Dibromoethane	ug/l	ND	02/23/09	EH	0.50			
Dibromomethane	ug/l	ND	02/23/09	EH	0.5			
1,2-Dichlorobenzene	ug/l	ND	02/23/09	EH	0.5			
1,3-Dichlorobenzene	ug/l	ND	02/23/09	EH	0.5			

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3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : EB 021909

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04971

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: WATER OTHER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	ug/l	ND	02/23/09	EH	0.5			
trans-1,4-Dichloro-2-Butene	ug/l	ND	02/23/09	EH	5.0			
Dichlorodifluoromethane	ug/l	ND	02/23/09	EH	0.5			
1,1-Dichloroethane	ug/l	ND	02/23/09	EH	0.5			
1,2-Dichloroethane	ug/l	ND	02/23/09	EH	0.5			
1,1-Dichloroethylene	ug/l	ND	02/23/09	EH	0.5			
cis-1,2-Dichloroethylene	ug/l	ND	02/23/09	EH	0.5			
trans-1,2-Dichloroethylene	ug/l	ND	02/23/09	EH	0.5			
1,2-Dichloropropane	ug/l	ND	02/23/09	EH	0.5			
1,3-Dichloropropane	ug/l	ND	02/23/09	EH	0.5			
2,2-Dichloropropane	ug/l	ND	02/23/09	EH	0.5			
1,1-Dichloropropene	ug/l	ND	02/23/09	EH	0.5			
cis-1,3-Dichloropropene	ug/l	ND	02/23/09	EH	0.5			
trans-1,3-Dichloropropene	ug/l	ND	02/23/09	EH	0.5			
Diethyl Ether	ug/l	ND	02/23/09	EH	0.5			
Diisopropyl Ether	ug/l	ND	02/23/09	EH	0.5			
1,4-Dioxane	ug/l	ND	02/23/09	EH	10.0			
Ethyl Benzene	ug/l	ND	02/23/09	EH	0.5			
Hexachlorobutadiene	ug/l	ND	02/23/09	EH	0.4			
2-Hexanone	ug/l	ND	02/23/09	EH	10.0			
Isopropylbenzene	ug/l	ND	02/23/09	EH	0.5			
p-Isopropyltoluene	ug/l	ND	02/23/09	EH	0.5			
MTBE	ug/l	ND	02/23/09	EH	0.5			
Methylene Chloride	ug/l	ND	02/23/09	EH	1.0			
MIBK	ug/l	ND	02/23/09	EH	2.0			
Naphthalene	ug/l	ND	02/23/09	EH	5.0			
n-Propylbenzene	ug/l	ND	02/23/09	EH	0.5			
Styrene	ug/l	ND	02/23/09	EH	1.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	02/23/09	EH	1.0			

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : EB 021909

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04971

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: WATER OTHER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,1,2,2-Tetrachloroethane	ug/l	ND	02/23/09	EH	0.5			
Tetrachloroethylene	ug/l	ND	02/23/09	EH	0.5			
Tetrahydrofuran	ug/l	ND	02/23/09	EH	5.0			
Toluene	ug/l	ND	02/23/09	EH	0.5			
1,2,3-Trichlorobenzene	ug/l	ND	02/23/09	EH	5.0			
1,2,4-Trichlorobenzene	ug/l	ND	02/23/09	EH	0.5			
1,3,5-Trichlorobenzene	ug/l	ND	02/23/09	EH	1.0			
1,1,1-Trichloroethane	ug/l	ND	02/23/09	EH	1.0			
1,1,2-Trichloroethane	ug/l	ND	02/23/09	EH	0.5			
Trichloroethylene	ug/l	ND	02/23/09	EH	0.5			
Trichlorofluoromethane	ug/l	ND	02/23/09	EH	0.5			
1,2,3-Trichloropropane	ug/l	ND	02/23/09	EH	0.5			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	02/23/09	EH	0.5			
1,2,4-Trimethylbenzene	ug/l	ND	02/23/09	EH	0.5			
1,3,5-Trimethylbenzene	ug/l	ND	02/23/09	EH	0.5			
Vinyl Chloride	ug/l	ND	02/23/09	EH	0.5			
m + p Xylene	ug/l	ND	02/23/09	EH	1.0			
o-Xylene	ug/l	ND	02/23/09	EH	0.5			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
LIMS-BAT #: LIMT-23411
Job Number: 60073489

Field Sample # : EB 021909
Sample ID : 09B04971 ‡Sampled : 2/19/2009 Not Specified
Sample Matrix: WATER OTHER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Cyanide	mg/l	ND	02/26/09	VAK	0.010			

Field Sample # : ME-MW-02 13-14FT
Sample ID : 09B04963 ‡Sampled : 2/19/2009 Not Specified
Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Cyanide	mg/kg dry wt	ND	02/26/09	VAK	1.1			

Field Sample # : ME-MW-02 4.5-5FT
Sample ID : 09B04962 ‡Sampled : 2/19/2009 Not Specified
Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Cyanide	mg/kg dry wt	ND	02/26/09	VAK	0.81			

Field Sample # : ME-SB-01 0.5-1.5FT
Sample ID : 09B04958 ‡Sampled : 2/19/2009 Not Specified
Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Cyanide	mg/kg dry wt	1.7	02/26/09	VAK	0.79			

Field Sample # : ME-SB-01 8-9FT
Sample ID : 09B04959 ‡Sampled : 2/19/2009 Not Specified
Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Cyanide	mg/kg dry wt	2.7	02/26/09	VAK	0.69			

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3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Field Sample # : ME-SB-02 1-2FT

Sample ID : 09B04960 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Cyanide	mg/kg dry wt	ND	02/26/09	VAK	0.67			

Field Sample # : ME-SB-02 8-9FT

Sample ID : 09B04961 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Cyanide	mg/kg dry wt	ND	02/26/09	VAK	0.89			

Field Sample # : ME-SB-03 1-2FT

Sample ID : 09B04964 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Cyanide	mg/kg dry wt	ND	02/26/09	VAK	0.81			

Field Sample # : ME-SB-03 7.5-8.5FT

Sample ID : 09B04965 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Cyanide	mg/kg dry wt	ND	02/26/09	VAK	0.64			

Field Sample # : ME-SB-04 0-1FT

Sample ID : 09B04966 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Cyanide	mg/kg dry wt	ND	02/26/09	VAK	0.90			

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3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
LIMS-BAT #: LIMT-23411
Job Number: 60073489

Field Sample # : ME-SB-04 8-9FT

Sample ID : 09B04967 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Cyanide	mg/kg dry wt	ND	02/26/09	VAK	0.94			

Field Sample # : ME-SB-05 0.5-1.5FT

Sample ID : 09B04968 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Cyanide	mg/kg dry wt	ND	02/26/09	VAK	0.82			

Field Sample # : ME-SB-05 5.5-6FT

Sample ID : 09B04969 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Cyanide	mg/kg dry wt	ND	02/26/09	VAK	0.98			

Analytical Method:
MODIFIED SW846 9014
DISTILLATION FOLLOWED BY REACTION WITH CHLORAMINE-T/PYRIDINE-BARBITURIC ACID AND PHOSPHATE BUFFER AND SPECTROPHOTOMETRIC ANALYSIS.

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3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Field Sample # : ME-MW-02 13-14FT

Sample ID : 09B04963 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Extractable TPH (ETPH)	mg/kg dry weight	ND	02/24/09	CJM	12			

Field Sample # : ME-MW-02 4.5-5FT

Sample ID : 09B04962 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Extractable TPH (ETPH)	mg/kg dry weight	170	02/25/09	CJM	51			

Field Sample # : ME-SB-01 0.5-1.5FT

Sample ID : 09B04958 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Extractable TPH (ETPH)	mg/kg dry weight	620	02/24/09	CJM	220			

Field Sample # : ME-SB-01 8-9FT

Sample ID : 09B04959 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Extractable TPH (ETPH)	mg/kg dry weight	13	02/24/09	CJM	14			

Field Sample # : ME-SB-02 1-2FT

Sample ID : 09B04960 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Extractable TPH (ETPH)	mg/kg dry weight	ND	02/24/09	CJM	11			

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Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Field Sample # : ME-SB-02 8-9FT

Sample ID : 09B04961 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Extractable TPH (ETPH)	mg/kg dry weight	ND	02/24/09	CJM	11			

Field Sample # : ME-SB-03 1-2FT

Sample ID : 09B04964 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Extractable TPH (ETPH)	mg/kg dry weight	31	02/24/09	CJM	12			

Field Sample # : ME-SB-03 7.5-8.5FT

Sample ID : 09B04965 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Extractable TPH (ETPH)	mg/kg dry weight	ND	02/24/09	CJM	12			

Field Sample # : ME-SB-04 0-1FT

Sample ID : 09B04966 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Extractable TPH (ETPH)	mg/kg dry weight	ND	02/24/09	CJM	11			

Field Sample # : ME-SB-04 8-9FT

Sample ID : 09B04967 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Extractable TPH (ETPH)	mg/kg dry weight	ND	02/24/09	CJM	12			

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3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-05 0.5-1.5FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04968 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Extractable TPH (ETPH)	mg/kg dry weight	55	02/24/09	CJM	11			

Field Sample # : ME-SB-05 5.5-6FT

Sample ID : 09B04969 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Extractable TPH (ETPH)	mg/kg dry weight	73	02/24/09	CJM	15			

Analytical Method:
Extractable TPH (CT ETPH)
SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE AND ANALYZED BY GAS CHROMATOGRAPHY WITH FLAME IONIZATION DETECTION (GC/FID).

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3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : EB 021909

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04971 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: WATER OTHER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Extractable TPH (ETPH)	mg/l	ND	02/25/09	CJM	0.075			

Analytical Method:
Extractable TPH (CT ETPH)
SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE AND ANALYZED BY GAS CHROMATOGRAPHY WITH FLAME IONIZATION DETECTION (GC/FID).

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3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : EB 021909

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04971

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: WATER OTHER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Mercury	mg/l	ND	02/24/09	KM	0.00010			

Analytical Method:
EPA 245.1/SW846 7470
COLD VAPOR TECHNIQUE (FLAMELESS ABSORPTION AT 254 NM)

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3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-MW-02 4.5-5FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04962

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Antimony	mg/kg dry wt	ND	02/25/09	OP	4.06			
Arsenic	mg/kg dry wt	14.4	02/25/09	OP	2.54			
Barium	mg/kg dry wt	66.4	02/25/09	OP	5.08			
Beryllium	mg/kg dry wt	0.41	02/25/09	OP	0.26			
Cadmium	mg/kg dry wt	ND	02/25/09	OP	0.26			
Chromium	mg/kg dry wt	5.11	02/25/09	OP	0.51			
Copper	mg/kg dry wt	202	02/25/09	OP	0.51			
Lead	mg/kg dry wt	90.9	02/25/09	OP	0.77			
Mercury	mg/kg dry wt	0.099	02/25/09	KM	0.018			
Nickel	mg/kg dry wt	40.0	02/25/09	OP	0.51			
Selenium	mg/kg dry wt	ND	02/25/09	OP	5.08			
Silver	mg/kg dry wt	82.2	02/25/09	OP	0.51			
Thallium	mg/kg dry wt	ND	02/25/09	OP	3.05			
Vanadium	mg/kg dry wt	12.1	02/25/09	OP	5.08			
Zinc	mg/kg dry wt	85.3	02/25/09	OP	1.02			

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3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-01 8-9FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04959

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Antimony	mg/kg dry wt	ND	02/25/09	OP	5.23			
Arsenic	mg/kg dry wt	4.70	02/25/09	OP	3.27			
Barium	mg/kg dry wt	282	02/25/09	OP	6.54			
Beryllium	mg/kg dry wt	0.90	02/25/09	OP	0.33			
Cadmium	mg/kg dry wt	0.37	02/25/09	OP	0.33			
Chromium	mg/kg dry wt	32.8	02/25/09	OP	0.66			
Copper	mg/kg dry wt	31.7	02/25/09	OP	0.66			
Lead	mg/kg dry wt	31.6	02/25/09	OP	0.99			
Mercury	mg/kg dry wt	0.105	02/25/09	KM	0.020			
Nickel	mg/kg dry wt	13.2	02/25/09	OP	0.66			
Selenium	mg/kg dry wt	ND	02/25/09	OP	6.54			
Silver	mg/kg dry wt	ND	02/25/09	OP	0.66			
Thallium	mg/kg dry wt	ND	02/25/09	OP	3.93			
Vanadium	mg/kg dry wt	59.8	02/25/09	OP	6.54			
Zinc	mg/kg dry wt	77.4	02/25/09	OP	1.31			

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3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-05 0.5-1.5FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04968 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Antimony	mg/kg dry wt	ND	02/25/09	OP	4.08			
Arsenic	mg/kg dry wt	4.80	02/25/09	OP	2.55			
Barium	mg/kg dry wt	178	02/25/09	OP	5.10			
Beryllium	mg/kg dry wt	0.53	02/25/09	OP	0.26			
Cadmium	mg/kg dry wt	0.26	02/25/09	OP	0.26			
Chromium	mg/kg dry wt	19.7	02/25/09	OP	0.51			
Copper	mg/kg dry wt	350	02/25/09	OP	0.51			
Lead	mg/kg dry wt	129	02/25/09	OP	0.77			
Mercury	mg/kg dry wt	0.307	02/25/09	KM	0.013			
Nickel	mg/kg dry wt	72.7	02/25/09	OP	0.51			
Selenium	mg/kg dry wt	ND	02/25/09	OP	5.10			
Silver	mg/kg dry wt	4.47	02/25/09	OP	0.51			
Thallium	mg/kg dry wt	ND	02/25/09	OP	3.06			
Vanadium	mg/kg dry wt	39.1	02/25/09	OP	5.10			
Zinc	mg/kg dry wt	144	02/25/09	OP	1.02			

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3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Analytical Method: Antimony
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Arsenic
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Barium
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Beryllium
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Cadmium
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Chromium
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Copper
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Lead
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Mercury
SW846 3050/7471
SAMPLES ARE DIGESTED WITH ACIDS AND THEN ANALYZED BY COLD VAPOR (FLAMELESS) ATOMIC ABSORPTION SPECTROPHOTOMETRY

Analytical Method: Nickel
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

Purchase Order No.:

3/3/2009

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Analytical Method: Selenium
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Silver
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Thallium
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Vanadium
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Zinc
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

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3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Field Sample # : ME-MW-02 13-14FT

Sample ID : 09B04963 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Arsenic	mg/kg dry wt	ND	02/25/09	OP	2.86			
Barium	mg/kg dry wt	28.7	02/25/09	OP	5.71			
Cadmium	mg/kg dry wt	ND	02/25/09	OP	0.29			
Chromium	mg/kg dry wt	6.17	02/25/09	OP	0.58			
Lead	mg/kg dry wt	4.18	02/25/09	OP	0.86			
Mercury	mg/kg dry wt	ND	02/25/09	KM	0.014			
Selenium	mg/kg dry wt	ND	02/25/09	OP	5.71			
Silver	mg/kg dry wt	ND	02/25/09	OP	0.58			

Field Sample # : ME-SB-01 0.5-1.5FT

Sample ID : 09B04958 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Arsenic	mg/kg dry wt	3.16	02/25/09	OP	2.65			
Barium	mg/kg dry wt	80.5	02/25/09	OP	5.30			
Cadmium	mg/kg dry wt	0.31	02/25/09	OP	0.27			
Chromium	mg/kg dry wt	11.5	02/25/09	OP	0.53			
Lead	mg/kg dry wt	58.5	02/25/09	OP	0.80			
Mercury	mg/kg dry wt	0.089	02/25/09	KM	0.012			
Selenium	mg/kg dry wt	ND	02/25/09	OP	5.30			
Silver	mg/kg dry wt	1.83	02/25/09	OP	0.53			

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3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
LIMS-BAT #: LIMT-23411
Job Number: 60073489

Field Sample # : ME-SB-02 1-2FT

Sample ID : 09B04960 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Arsenic	mg/kg dry wt	3.75	02/25/09	OP	2.56			
Barium	mg/kg dry wt	96.3	02/25/09	OP	5.11			
Cadmium	mg/kg dry wt	0.28	02/25/09	OP	0.26			
Chromium	mg/kg dry wt	14.8	02/25/09	OP	0.52			
Lead	mg/kg dry wt	8.21	02/25/09	OP	0.77			
Mercury	mg/kg dry wt	ND	02/25/09	KM	0.010			
Selenium	mg/kg dry wt	ND	02/25/09	OP	5.11			
Silver	mg/kg dry wt	ND	02/25/09	OP	0.52			

Field Sample # : ME-SB-02 8-9FT

Sample ID : 09B04961 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Arsenic	mg/kg dry wt	ND	02/25/09	OP	2.63			
Barium	mg/kg dry wt	90.7	02/25/09	OP	5.26			
Cadmium	mg/kg dry wt	ND	02/25/09	OP	0.27			
Chromium	mg/kg dry wt	9.85	02/25/09	OP	0.53			
Lead	mg/kg dry wt	9.76	02/25/09	OP	0.79			
Mercury	mg/kg dry wt	ND	02/25/09	KM	0.014			
Selenium	mg/kg dry wt	ND	02/25/09	OP	5.26			
Silver	mg/kg dry wt	ND	02/25/09	OP	0.53			

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3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-03 1-2FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04964 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Arsenic	mg/kg dry wt	6.71	02/25/09	OP	2.76			
Barium	mg/kg dry wt	224	02/25/09	OP	5.52			
Cadmium	mg/kg dry wt	ND	02/25/09	OP	0.28			
Chromium	mg/kg dry wt	25.9	02/25/09	OP	0.56			
Lead	mg/kg dry wt	33.5	02/25/09	OP	0.83			
Mercury	mg/kg dry wt	0.053	02/25/09	KM	0.014			
Selenium	mg/kg dry wt	ND	02/25/09	OP	5.52			
Silver	mg/kg dry wt	2.20	02/25/09	OP	0.56			

Field Sample # : ME-SB-03 7.5-8.5FT

Sample ID : 09B04965 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Arsenic	mg/kg dry wt	ND	02/25/09	OP	2.89			
Barium	mg/kg dry wt	173	02/25/09	OP	5.78			
Cadmium	mg/kg dry wt	ND	02/25/09	OP	0.29			
Chromium	mg/kg dry wt	18.9	02/25/09	OP	0.58			
Lead	mg/kg dry wt	7.96	02/25/09	OP	0.87			
Mercury	mg/kg dry wt	0.022	02/25/09	KM	0.011			
Selenium	mg/kg dry wt	ND	02/25/09	OP	5.78			
Silver	mg/kg dry wt	ND	02/25/09	OP	0.58			

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3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Field Sample # : ME-SB-04 0-1FT

Sample ID : 09B04966 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Arsenic	mg/kg dry wt	5.36	02/25/09	OP	2.59			
Barium	mg/kg dry wt	249	02/25/09	OP	5.17			
Cadmium	mg/kg dry wt	0.35	02/25/09	OP	0.26			
Chromium	mg/kg dry wt	19.8	02/25/09	OP	0.52			
Lead	mg/kg dry wt	12.7	02/25/09	OP	0.78			
Mercury	mg/kg dry wt	0.010	02/25/09	KM	0.010			
Selenium	mg/kg dry wt	ND	02/25/09	OP	5.17			
Silver	mg/kg dry wt	ND	02/25/09	OP	0.52			

Field Sample # : ME-SB-04 8-9FT

Sample ID : 09B04967 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Arsenic	mg/kg dry wt	3.08	02/25/09	OP	2.79			
Barium	mg/kg dry wt	105	02/25/09	OP	5.58			
Cadmium	mg/kg dry wt	ND	02/25/09	OP	0.28			
Chromium	mg/kg dry wt	16.4	02/25/09	OP	0.56			
Lead	mg/kg dry wt	6.28	02/25/09	OP	0.84			
Mercury	mg/kg dry wt	ND	02/25/09	KM	0.012			
Selenium	mg/kg dry wt	ND	02/25/09	OP	5.58			
Silver	mg/kg dry wt	ND	02/25/09	OP	0.56			

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3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-05 5.5-6FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04969

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Arsenic	mg/kg dry wt	7.10	02/25/09	OP	3.54			
Barium	mg/kg dry wt	256	02/25/09	OP	7.08			
Cadmium	mg/kg dry wt	0.55	02/25/09	OP	0.36			
Chromium	mg/kg dry wt	26.3	02/25/09	OP	0.71			
Lead	mg/kg dry wt	454	02/25/09	OP	1.07			
Mercury	mg/kg dry wt	2.07	02/25/09	KM	0.085			
Selenium	mg/kg dry wt	ND	02/25/09	OP	7.08			
Silver	mg/kg dry wt	9.77	02/25/09	OP	0.71			

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Purchase Order No.:

3/3/2009

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Analytical Method: Arsenic
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Barium
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Cadmium
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Chromium
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Lead
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Mercury
SW846 3050/7471
SAMPLES ARE DIGESTED WITH ACIDS AND THEN ANALYZED BY COLD VAPOR (FLAMELESS) ATOMIC ABSORPTION SPECTROPHOTOMETRY

Analytical Method: Selenium
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Silver
SW846 3050/6010
SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

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3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : EB 021909

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04971

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: WATER OTHER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Acenaphthene	ug/l	ND	02/25/09	BGL	0.30			
Acenaphthylene	ug/l	ND	02/25/09	BGL	0.30			
Anthracene	ug/l	ND	02/25/09	BGL	0.20			
Benzo(a)anthracene	ug/l	ND	02/25/09	BGL	0.050			
Benzo(a)pyrene	ug/l	ND	02/25/09	BGL	0.100			
Benzo(b)fluoranthene	ug/l	ND	02/25/09	BGL	0.050			
Benzo(g,h,i)perylene	ug/l	ND	02/25/09	BGL	0.500			
Benzo(k)fluoranthene	ug/l	ND	02/25/09	BGL	0.200			
Chrysene	ug/l	ND	02/25/09	BGL	0.20			
Dibenz(a,h)anthracene	ug/l	ND	02/25/09	BGL	0.200			
Fluoranthene	ug/l	ND	02/25/09	BGL	0.50			
Fluorene	ug/l	ND	02/25/09	BGL	1.00			
Indeno(1,2,3-cd)pyrene	ug/l	ND	02/25/09	BGL	0.200			
2-Methylnaphthalene	ug/l	ND	02/25/09	BGL	1.00			
Naphthalene	ug/l	ND	02/25/09	BGL	1.00			
Phenanthrene	ug/l	0.06	02/25/09	BGL	0.05			
Pyrene	ug/l	ND	02/25/09	BGL	1.00			
Extraction Date 625/8270		2/22/2009	02/25/09	BGL				

Analytical Method:
625/8270
SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE BY SEPARATORY FUNNEL LIQUID/LIQUID EXTRACTION, FOLLOWED BY KUDERNA-DANISH OR TURBOVAP EVAPORATIVE CONCENTRATION AND QUANTITATED BY GC/MS TARGET COMPOUND ANALYSIS.

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3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-MW-02 13-14FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04963

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/28/09	BGL	0.191			
Acenaphthylene	mg/kg dry wt	ND	02/28/09	BGL	0.191			
Anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.191			
Benzo(a)anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.191			
Benzo(a)pyrene	mg/kg dry wt	ND	02/28/09	BGL	0.191			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.191			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/28/09	BGL	0.191			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.191			
Chrysene	mg/kg dry wt	ND	02/28/09	BGL	0.191			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.191			
Fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.191			
Fluorene	mg/kg dry wt	ND	02/28/09	BGL	0.191			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/28/09	BGL	0.191			
2-Methylnaphthalene	mg/kg dry wt	ND	02/28/09	BGL	0.191			
Naphthalene	mg/kg dry wt	ND	02/28/09	BGL	0.191			
Phenanthrene	mg/kg dry wt	ND	02/28/09	BGL	0.191			
Pyrene	mg/kg dry wt	ND	02/28/09	BGL	0.191			
Extraction Date 8270		2/23/2009	02/28/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-MW-02 4.5-5FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04962

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Acenaphthene	mg/kg dry wt	0.200	02/28/09	BGL	0.170			
Acenaphthylene	mg/kg dry wt	ND	02/28/09	BGL	0.170			
Anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.170			
Benzo(a)anthracene	mg/kg dry wt	0.778	02/28/09	BGL	0.170			
Benzo(a)pyrene	mg/kg dry wt	0.407	02/28/09	BGL	0.170			
Benzo(b)fluoranthene	mg/kg dry wt	0.478	02/28/09	BGL	0.170			
Benzo(g,h,i)perylene	mg/kg dry wt	0.216	02/28/09	BGL	0.170			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.170			
Chrysene	mg/kg dry wt	1.08	02/28/09	BGL	0.170			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.170			
Fluoranthene	mg/kg dry wt	0.978	02/28/09	BGL	0.170			
Fluorene	mg/kg dry wt	0.203	02/28/09	BGL	0.170			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	0.227	02/28/09	BGL	0.170			
2-Methylnaphthalene	mg/kg dry wt	0.257	02/28/09	BGL	0.170			
Naphthalene	mg/kg dry wt	0.867	02/28/09	BGL	0.170			
Phenanthrene	mg/kg dry wt	2.91	02/28/09	BGL	0.170			
Pyrene	mg/kg dry wt	2.74	02/28/09	BGL	0.170			
Extraction Date 8270		2/23/2009	02/28/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-01 0.5-1.5FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04958 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	mg/kg dry wt	0.515	02/28/09	BGL	0.177			
Acenaphthylene	mg/kg dry wt	0.378	02/28/09	BGL	0.177			
Anthracene	mg/kg dry wt	1.95	02/28/09	BGL	0.177			
Benzo(a)anthracene	mg/kg dry wt	6.80	02/28/09	BGL	0.177			
Benzo(a)pyrene	mg/kg dry wt	5.86	02/28/09	BGL	0.177			
Benzo(b)fluoranthene	mg/kg dry wt	6.15	02/28/09	BGL	0.177			
Benzo(g,h,i)perylene	mg/kg dry wt	2.01	02/28/09	BGL	0.177			
Benzo(k)fluoranthene	mg/kg dry wt	2.14	02/28/09	BGL	0.177			
Chrysene	mg/kg dry wt	6.24	02/28/09	BGL	0.177			
Dibenz(a,h)anthracene	mg/kg dry wt	0.850	02/28/09	BGL	0.177			
Fluoranthene	mg/kg dry wt	7.91	02/28/09	BGL	0.177			
Fluorene	mg/kg dry wt	0.753	02/28/09	BGL	0.177			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	2.76	02/28/09	BGL	0.177			
2-Methylnaphthalene	mg/kg dry wt	1.05	02/28/09	BGL	0.177			
Naphthalene	mg/kg dry wt	5.46	02/28/09	BGL	0.177			
Phenanthrene	mg/kg dry wt	6.96	02/28/09	BGL	0.177			
Pyrene	mg/kg dry wt	8.68	02/28/09	BGL	0.177			
Extraction Date 8270		2/23/2009	02/28/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-01 8-9FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04959

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/28/09	BGL	0.218			
Acenaphthylene	mg/kg dry wt	ND	02/28/09	BGL	0.218			
Anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.218			
Benzo(a)anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.218			
Benzo(a)pyrene	mg/kg dry wt	ND	02/28/09	BGL	0.218			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.218			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/28/09	BGL	0.218			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.218			
Chrysene	mg/kg dry wt	ND	02/28/09	BGL	0.218			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.218			
Fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.218			
Fluorene	mg/kg dry wt	ND	02/28/09	BGL	0.218			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/28/09	BGL	0.218			
2-Methylnaphthalene	mg/kg dry wt	ND	02/28/09	BGL	0.218			
Naphthalene	mg/kg dry wt	1.70	02/28/09	BGL	0.218			
Phenanthrene	mg/kg dry wt	ND	02/28/09	BGL	0.218			
Pyrene	mg/kg dry wt	0.281	02/28/09	BGL	0.218			
Extraction Date 8270		2/23/2009	02/28/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-02 1-2FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04960

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/28/09	BGL	0.171			
Acenaphthylene	mg/kg dry wt	ND	02/28/09	BGL	0.171			
Anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.171			
Benzo(a)anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.171			
Benzo(a)pyrene	mg/kg dry wt	ND	02/28/09	BGL	0.171			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.171			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/28/09	BGL	0.171			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.171			
Chrysene	mg/kg dry wt	ND	02/28/09	BGL	0.171			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.171			
Fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.171			
Fluorene	mg/kg dry wt	ND	02/28/09	BGL	0.171			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/28/09	BGL	0.171			
2-Methylnaphthalene	mg/kg dry wt	ND	02/28/09	BGL	0.171			
Naphthalene	mg/kg dry wt	ND	02/28/09	BGL	0.171			
Phenanthrene	mg/kg dry wt	ND	02/28/09	BGL	0.171			
Pyrene	mg/kg dry wt	ND	02/28/09	BGL	0.171			
Extraction Date 8270		2/23/2009	02/28/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-02 8-9FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04961

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/28/09	BGL	0.176			
Acenaphthylene	mg/kg dry wt	ND	02/28/09	BGL	0.176			
Anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.176			
Benzo(a)anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.176			
Benzo(a)pyrene	mg/kg dry wt	ND	02/28/09	BGL	0.176			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.176			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/28/09	BGL	0.176			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.176			
Chrysene	mg/kg dry wt	ND	02/28/09	BGL	0.176			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.176			
Fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.176			
Fluorene	mg/kg dry wt	ND	02/28/09	BGL	0.176			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/28/09	BGL	0.176			
2-Methylnaphthalene	mg/kg dry wt	ND	02/28/09	BGL	0.176			
Naphthalene	mg/kg dry wt	0.780	02/28/09	BGL	0.176			
Phenanthrene	mg/kg dry wt	ND	02/28/09	BGL	0.176			
Pyrene	mg/kg dry wt	ND	02/28/09	BGL	0.176			
Extraction Date 8270		2/23/2009	02/28/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-03 1-2FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04964

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/28/09	BGL	0.184			
Acenaphthylene	mg/kg dry wt	ND	02/28/09	BGL	0.184			
Anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.184			
Benzo(a)anthracene	mg/kg dry wt	0.243	02/28/09	BGL	0.184			
Benzo(a)pyrene	mg/kg dry wt	0.197	02/28/09	BGL	0.184			
Benzo(b)fluoranthene	mg/kg dry wt	0.230	02/28/09	BGL	0.184			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/28/09	BGL	0.184			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.184			
Chrysene	mg/kg dry wt	0.264	02/28/09	BGL	0.184			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.184			
Fluoranthene	mg/kg dry wt	0.441	02/28/09	BGL	0.184			
Fluorene	mg/kg dry wt	ND	02/28/09	BGL	0.184			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/28/09	BGL	0.184			
2-Methylnaphthalene	mg/kg dry wt	ND	02/28/09	BGL	0.184			
Naphthalene	mg/kg dry wt	3.93	02/28/09	BGL	0.184			
Phenanthrene	mg/kg dry wt	0.356	02/28/09	BGL	0.184			
Pyrene	mg/kg dry wt	0.568	02/28/09	BGL	0.184			
Extraction Date 8270		2/23/2009	02/28/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-03 7.5-8.5FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04965

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/28/09	BGL	0.193			
Acenaphthylene	mg/kg dry wt	ND	02/28/09	BGL	0.193			
Anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.193			
Benzo(a)anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.193			
Benzo(a)pyrene	mg/kg dry wt	ND	02/28/09	BGL	0.193			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.193			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/28/09	BGL	0.193			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.193			
Chrysene	mg/kg dry wt	ND	02/28/09	BGL	0.193			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.193			
Fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.193			
Fluorene	mg/kg dry wt	ND	02/28/09	BGL	0.193			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/28/09	BGL	0.193			
2-Methylnaphthalene	mg/kg dry wt	ND	02/28/09	BGL	0.193			
Naphthalene	mg/kg dry wt	9.95	02/28/09	BGL	0.193			
Phenanthrene	mg/kg dry wt	ND	02/28/09	BGL	0.193			
Pyrene	mg/kg dry wt	ND	02/28/09	BGL	0.193			
Extraction Date 8270		2/23/2009	02/28/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-04 0-1FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04966

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/28/09	BGL	0.173			
Acenaphthylene	mg/kg dry wt	ND	02/28/09	BGL	0.173			
Anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.173			
Benzo(a)anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.173			
Benzo(a)pyrene	mg/kg dry wt	ND	02/28/09	BGL	0.173			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.173			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/28/09	BGL	0.173			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.173			
Chrysene	mg/kg dry wt	ND	02/28/09	BGL	0.173			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.173			
Fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.173			
Fluorene	mg/kg dry wt	ND	02/28/09	BGL	0.173			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/28/09	BGL	0.173			
2-Methylnaphthalene	mg/kg dry wt	ND	02/28/09	BGL	0.173			
Naphthalene	mg/kg dry wt	ND	02/28/09	BGL	0.173			
Phenanthrene	mg/kg dry wt	ND	02/28/09	BGL	0.173			
Pyrene	mg/kg dry wt	ND	02/28/09	BGL	0.173			
Extraction Date 8270		2/23/2009	02/28/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-04 8-9FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04967

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/28/09	BGL	0.186			
Acenaphthylene	mg/kg dry wt	ND	02/28/09	BGL	0.186			
Anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.186			
Benzo(a)anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.186			
Benzo(a)pyrene	mg/kg dry wt	ND	02/28/09	BGL	0.186			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.186			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/28/09	BGL	0.186			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.186			
Chrysene	mg/kg dry wt	ND	02/28/09	BGL	0.186			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.186			
Fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.186			
Fluorene	mg/kg dry wt	ND	02/28/09	BGL	0.186			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/28/09	BGL	0.186			
2-Methylnaphthalene	mg/kg dry wt	ND	02/28/09	BGL	0.186			
Naphthalene	mg/kg dry wt	1.23	02/28/09	BGL	0.186			
Phenanthrene	mg/kg dry wt	ND	02/28/09	BGL	0.186			
Pyrene	mg/kg dry wt	ND	02/28/09	BGL	0.186			
Extraction Date 8270		2/23/2009	02/28/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-05 0.5-1.5FT

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Sample ID : 09B04968 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/28/09	BGL	0.170			
Acenaphthylene	mg/kg dry wt	ND	02/28/09	BGL	0.170			
Anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.170			
Benzo(a)anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.170			
Benzo(a)pyrene	mg/kg dry wt	ND	02/28/09	BGL	0.170			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.170			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/28/09	BGL	0.170			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.170			
Chrysene	mg/kg dry wt	0.179	02/28/09	BGL	0.170			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.170			
Fluoranthene	mg/kg dry wt	0.177	02/28/09	BGL	0.170			
Fluorene	mg/kg dry wt	ND	02/28/09	BGL	0.170			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/28/09	BGL	0.170			
2-Methylnaphthalene	mg/kg dry wt	ND	02/28/09	BGL	0.170			
Naphthalene	mg/kg dry wt	1.28	02/28/09	BGL	0.170			
Phenanthrene	mg/kg dry wt	ND	02/28/09	BGL	0.170			
Pyrene	mg/kg dry wt	0.302	02/28/09	BGL	0.170			
Extraction Date 8270		2/23/2009	02/28/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

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NM = Not Measured

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AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009
Field Sample # : ME-SB-05 5.5-6FT
Sample ID : 09B04969
‡Sampled : 2/19/2009
Not Specified
Sample Matrix: SOIL

LIMS-BAT #: LIMT-23411
Job Number: 60073489

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/28/09	BGL	0.236			
Acenaphthylene	mg/kg dry wt	ND	02/28/09	BGL	0.236			
Anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.236			
Benzo(a)anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.236			
Benzo(a)pyrene	mg/kg dry wt	ND	02/28/09	BGL	0.236			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.236			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/28/09	BGL	0.236			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.236			
Chrysene	mg/kg dry wt	ND	02/28/09	BGL	0.236			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/28/09	BGL	0.236			
Fluoranthene	mg/kg dry wt	ND	02/28/09	BGL	0.236			
Fluorene	mg/kg dry wt	ND	02/28/09	BGL	0.236			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/28/09	BGL	0.236			
2-Methylnaphthalene	mg/kg dry wt	ND	02/28/09	BGL	0.236			
Naphthalene	mg/kg dry wt	ND	02/28/09	BGL	0.236			
Phenanthrene	mg/kg dry wt	ND	02/28/09	BGL	0.236			
Pyrene	mg/kg dry wt	0.322	02/28/09	BGL	0.236			
Extraction Date 8270		2/23/2009	02/28/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Field Sample # : ME-MW-02 13-14FT

Sample ID : 09B04963 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Solids, total	%	87.7	02/26/09	FD				

Field Sample # : ME-MW-02 4.5-5FT

Sample ID : 09B04962 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Solids, total	%	98.6	02/26/09	FD				

Field Sample # : ME-SB-01 0.5-1.5FT

Sample ID : 09B04958 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Solids, total	%	94.5	02/26/09	FD				

Field Sample # : ME-SB-01 8-9FT

Sample ID : 09B04959 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Solids, total	%	76.5	02/26/09	FD				

Field Sample # : ME-SB-02 1-2FT

Sample ID : 09B04960 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Solids, total	%	98.0	02/26/09	FD				

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3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Field Sample # : ME-SB-02 8-9FT

Sample ID : 09B04961 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Solids, total	%	95.2	02/26/09	FD				

Field Sample # : ME-SB-03 1-2FT

Sample ID : 09B04964 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Solids, total	%	90.7	02/26/09	FD				

Field Sample # : ME-SB-03 7.5-8.5FT

Sample ID : 09B04965 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Solids, total	%	86.6	02/26/09	FD				

Field Sample # : ME-SB-04 0-1FT

Sample ID : 09B04966 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Solids, total	%	96.8	02/26/09	FD				

Field Sample # : ME-SB-04 8-9FT

Sample ID : 09B04967 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Solids, total	%	89.7	02/26/09	FD				

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3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009

LIMS-BAT #: LIMT-23411
Job Number: 60073489

Field Sample # : ME-SB-05 0.5-1.5FT

Sample ID : 09B04968 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Solids, total	%	98.2	02/26/09	FD				

Field Sample # : ME-SB-05 5.5-6FT

Sample ID : 09B04969 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Solids, total	%	70.7	02/26/09	FD				

Analytical Method:
SM 2540G
PERCENT OF SAMPLE REMAINING AFTER DRYING OVERNIGHT AT 103-105 DEGREES CENTIGRADE.

RL = Reporting Limit

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3/3/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 2/20/2009

LIMS-BAT #: LIMT-23411
Job Number: 60073489

** END OF REPORT **

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/3/2009 Lims Bat # : LIMT-23411

QC Batch Number: BATCH-16114

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04971					
	Silver	Sample Amount	<2.50	ug/L	
		Matrix Spk Amt Added	500.00	ug/L	
		MS Amt Measured	458.40	ug/L	
		Matrix Spike % Rec.	91.68	%	75-125
	Arsenic	Sample Amount	<2.00	ug/L	
		Matrix Spk Amt Added	500.00	ug/L	
		MS Amt Measured	477.53	ug/L	
		Matrix Spike % Rec.	95.50	%	75-125
	Barium	Sample Amount	<250.	ug/L	
		Matrix Spk Amt Added	500.00	ug/L	
		MS Amt Measured	450.14	ug/L	
		Matrix Spike % Rec.	90.02	%	75-125
	Beryllium	Sample Amount	<2.00	ug/L	
		Matrix Spk Amt Added	500.00	ug/L	
		MS Amt Measured	431.50	ug/L	
		Matrix Spike % Rec.	86.30	%	75-125
	Cadmium	Sample Amount	<2.50	ug/L	
		Matrix Spk Amt Added	500.00	ug/L	
		MS Amt Measured	458.47	ug/L	
		Matrix Spike % Rec.	91.69	%	75-125
	Chromium	Sample Amount	<50.0	ug/L	
		Matrix Spk Amt Added	500.00	ug/L	
		MS Amt Measured	450.89	ug/L	
		Matrix Spike % Rec.	90.17	%	75-125
	Copper	Sample Amount	<25.0	ug/L	
		Matrix Spk Amt Added	500.00	ug/L	
		MS Amt Measured	447.27	ug/L	
		Matrix Spike % Rec.	89.45	%	75-125
	Nickel	Sample Amount	<25.0	ug/L	
		Matrix Spk Amt Added	500.00	ug/L	
		MS Amt Measured	443.89	ug/L	
		Matrix Spike % Rec.	88.77	%	75-125
	Lead	Sample Amount	<5.00	ug/L	
		Matrix Spk Amt Added	500.00	ug/L	
		MS Amt Measured	472.91	ug/L	
		Matrix Spike % Rec.	94.58	%	75-125
	Antimony	Sample Amount	<5.00	ug/L	
		Matrix Spk Amt Added	500.00	ug/L	
		MS Amt Measured	460.55	ug/L	
		Matrix Spike % Rec.	92.11	%	75-125
	Selenium	Sample Amount	<25.0	ug/L	
		Matrix Spk Amt Added	500.00	ug/L	
		MS Amt Measured	458.94	ug/L	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/3/2009 Lims Bat # : LIMT-23411

QC Batch Number: BATCH-16114

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04971					
	Selenium	Matrix Spike % Rec.	91.78	%	75-125
	Thallium	Sample Amount	<1.00	ug/L	
		Matrix Spk Amt Added	500.00	ug/L	
		MS Amt Measured	450.26	ug/L	
		Matrix Spike % Rec.	90.05	%	75-125
	Vanadium	Sample Amount	<25.0	ug/L	
		Matrix Spk Amt Added	500.00	ug/L	
		MS Amt Measured	446.43	ug/L	
		Matrix Spike % Rec.	89.28	%	75-125
	Zinc	Sample Amount	<100.	ug/L	
		Matrix Spk Amt Added	500.00	ug/L	
		MS Amt Measured	509.79	ug/L	
		Matrix Spike % Rec.	101.95	%	75-125
BLANK-130000					
	Silver	Blank	<2.50	ug/L	
	Arsenic	Blank	<2.00	ug/L	
	Barium	Blank	<250.	ug/L	
	Beryllium	Blank	<2.00	ug/L	
	Cadmium	Blank	<2.50	ug/L	
	Chromium	Blank	<50.0	ug/L	
	Copper	Blank	<25.0	ug/L	
	Nickel	Blank	<25.0	ug/L	
	Lead	Blank	<5.00	ug/L	
	Antimony	Blank	<5.00	ug/L	
	Selenium	Blank	<25.0	ug/L	
	Thallium	Blank	<1.00	ug/L	
	Vanadium	Blank	<25.0	ug/L	
	Zinc	Blank	<100.	ug/L	
LFBLANK-92139					
	Silver	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	488.25	ug/L	
		Lab Fort Blk. % Rec.	97.65	%	80-120
	Arsenic	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	482.25	ug/L	
		Lab Fort Blk. % Rec.	96.45	%	80-120
	Barium	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	455.12	ug/L	
		Lab Fort Blk. % Rec.	91.02	%	80-120
	Beryllium	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	425.03	ug/L	
		Lab Fort Blk. % Rec.	85.00	%	80-120
	Cadmium	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	453.57	ug/L	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/3/2009 Lims Bat # : LIMT-23411

QC Batch Number: BATCH-16114

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-92139					
	Cadmium	Lab Fort Blk. % Rec.	90.71	%	80-120
	Chromium	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	457.06	ug/L	
		Lab Fort Blk. % Rec.	91.41	%	80-120
	Copper	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	454.44	ug/L	
		Lab Fort Blk. % Rec.	90.88	%	80-120
	Nickel	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	442.83	ug/L	
		Lab Fort Blk. % Rec.	88.56	%	80-120
	Lead	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	462.43	ug/L	
		Lab Fort Blk. % Rec.	92.48	%	80-120
	Antimony	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	461.85	ug/L	
		Lab Fort Blk. % Rec.	92.37	%	80-120
	Selenium	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	461.37	ug/L	
		Lab Fort Blk. % Rec.	92.27	%	80-120
	Thallium	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	453.15	ug/L	
		Lab Fort Blk. % Rec.	90.63	%	80-120
	Vanadium	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	449.62	ug/L	
		Lab Fort Blk. % Rec.	89.92	%	80-120
	Zinc	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	466.61	ug/L	
		Lab Fort Blk. % Rec.	93.32	%	80-120

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/3/2009 Lims Bat # : LIMT-23411

QC Batch Number: CYANIDE-3225

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04964					
	Cyanide	Sample Amount	<0.81	mg/kg dry wt	
		Matrix Spk Amt Added	14.447	mg/kg dry wt	
		MS Amt Measured	12.622	mg/kg dry wt	
		Matrix Spike % Rec.	87.365	%	
		MSD Amount Added	13.853	mg/kg dry wt	
		MSD Amt Measured	12.624	mg/kg dry wt	
		MSD % Recovery	91.129	%	
		MSD Range	3.763	units	
		MS Duplicate RPD	0.016	%	
BLANK-129950					
	Cyanide	Blank	<0.96	mg/kg dry wt	
LFBLANK-92084					
	Cyanide	Lab Fort Blank Amt.	29.099	mg/kg dry wt	
		Lab Fort Blk. Found	26.428	mg/kg dry wt	
		Lab Fort Blk. % Rec.	90.820	%	
STDADD-35294					
	Cyanide	Standard Measured	15.398	mg/kg dry wt	
		Standard Amt Added	18.478	mg/kg dry wt	
		Standard % Recovery	83.333	%	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/3/2009 Lims Bat # : LIMT-23411

QC Batch Number: CYANIDE-3226

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04971					
	Cyanide	Sample Amount	<0.010	mg/l	
		Matrix Spk Amt Added	0.372	mg/l	
		MS Amt Measured	0.334	mg/l	
		Matrix Spike % Rec.	89.784	%	75-125
		MSD Amount Added	0.372	mg/l	
		MSD Amt Measured	0.355	mg/l	
		MSD % Recovery	95.430	%	
		MSD Range	5.645	units	
		MS Duplicate RPD	6.095	%	20 Max.
BLANK-129955					
	Cyanide	Blank	<0.010	mg/l	
LFBLANK-92088					
	Cyanide	Lab Fort Blank Amt.	0.719	mg/l	
		Lab Fort Blk. Found	0.632	mg/l	
		Lab Fort Blk. % Rec.	87.899	%	
STDADD-35295					
	Cyanide	Standard Measured	0.349	mg/l	
		Standard Amt Added	0.372	mg/l	
		Standard % Recovery	93.817	%	80-120

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/3/2009 Lims Bat # : LIMT-23411

QC Batch Number: GC/FID-23150

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04958					
	Terphenyl	Surrogate Recovery	100.0	%	50-150
09B04959					
	Terphenyl	Surrogate Recovery	85.0	%	50-150
09B04960					
	Extractable TPH (ETPH)	Sample Amount	<11.	mg/kg dry weig	
		Matrix Spk Amt Added	34.0	mg/kg dry weig	
		MS Amt Measured	33.1	mg/kg dry weig	
		Matrix Spike % Rec.	97.4	%	50-150
		MSD Amount Added	34.0	mg/kg dry weig	
		MSD Amt Measured	33.2	mg/kg dry weig	
		MSD % Recovery	97.8	%	50-150
		MSD Range	0.3	units	
		MS Duplicate RPD	0.4	%	0-30
	Terphenyl	Surrogate Recovery	92.0	%	50-150
09B04961					
	Terphenyl	Surrogate Recovery	97.0	%	50-150
09B04962					
	Terphenyl	Surrogate Recovery	95.0	%	50-150
09B04963					
	Extractable TPH (ETPH)	Sample Amount	<12.	mg/kg dry weig	
		Matrix Spk Amt Added	38.0	mg/kg dry weig	
		MS Amt Measured	33.0	mg/kg dry weig	
		Matrix Spike % Rec.	87.0	%	50-150
		MSD Amount Added	38.0	mg/kg dry weig	
		MSD Amt Measured	39.6	mg/kg dry weig	
		MSD % Recovery	104.2	%	50-150
		MSD Range	17.2	units	
		MS Duplicate RPD	17.9	%	0-30
	Terphenyl	Surrogate Recovery	77.0	%	50-150
09B04964					
	Terphenyl	Surrogate Recovery	100.0	%	50-150
09B04965					
	Terphenyl	Surrogate Recovery	75.0	%	50-150
09B04966					
	Terphenyl	Surrogate Recovery	85.0	%	50-150
09B04967					
	Terphenyl	Surrogate Recovery	83.0	%	50-150
09B04968					
	Terphenyl	Surrogate Recovery	76.0	%	50-150
09B04969					
	Terphenyl	Surrogate Recovery	95.0	%	50-150
BLANK-129887					
	Extractable TPH (ETPH)	Blank	<10.	mg/kg dry weig	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/3/2009 Lims Bat # : LIMT-23411

QC Batch Number: GC/FID-23150

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-92015					
	Extractable TPH (ETPH)	Lab Fort Blank Amt.	33.3	mg/kg dry weig	
		Lab Fort Blk. Found	29.5	mg/kg dry weig	
		Lab Fort Blk. % Rec.	88.5	%	60-120
		Dup Lab Fort Bl Amt.	33.3	mg/kg dry weig	
		Dup Lab Fort Bl. Fnd	29.9	mg/kg dry weig	
		Dup Lab Fort Bl %Rec	89.9	%	
		Lab Fort Blank Range	1.4	units	
		Lab Fort Bl. Av. Rec	89.2	%	
		LFB Duplicate RPD	1.5	%	

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Method Blanks

Report Date: 3/3/2009 Lims Bat # : LIMT-23411

QC Batch Number: GC/FID-23160

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04971					
	Terphenyl	Surrogate Recovery	113.0	%	50-150
BLANK-129948					
	Extractable TPH (ETPH)	Blank	<0.075	mg/l	
LFBLANK-92081					
	Extractable TPH (ETPH)	Lab Fort Blank Amt.	1.000	mg/l	
		Lab Fort Blk. Found	0.770	mg/l	
		Lab Fort Blk. % Rec.	77.000	%	60-120
		Dup Lab Fort Bl Amt.	1.000	mg/l	
		Dup Lab Fort Bl. Fnd	0.804	mg/l	
		Dup Lab Fort Bl %Rec	80.400	%	
		Lab Fort Blank Range	3.400	units	
		Lab Fort Bl. Av. Rec	78.700	%	
		LFB Duplicate RPD	4.320	%	

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Report Date: 3/3/2009 Lims Bat # : LIMT-23411

QC Batch Number: GCMS/SEMI-11960

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04971					
	Nitrobenzene-d5	Surrogate Recovery	102.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	73.0	%	30-130
	Terphenyl-d14	Surrogate Recovery	66.0	%	30-130
BLANK-129993					
	Naphthalene	Blank	<1.00	ug/l	
	Acenaphthene	Blank	<0.30	ug/l	
	Acenaphthylene	Blank	<0.30	ug/l	
	Anthracene	Blank	<0.20	ug/l	
	Benzo(a)anthracene	Blank	<0.050	ug/l	
	Benzo(a)pyrene	Blank	<0.100	ug/l	
	Benzo(b)fluoranthene	Blank	<0.050	ug/l	
	Benzo(g,h,i)perylene	Blank	<0.500	ug/l	
	Chrysene	Blank	<0.20	ug/l	
	Dibenz(a,h)anthracene	Blank	<0.200	ug/l	
	Fluoranthene	Blank	<0.50	ug/l	
	Fluorene	Blank	<1.00	ug/l	
	Indeno(1,2,3-cd)pyrene	Blank	<0.200	ug/l	
	2-Methylnaphthalene	Blank	<1.00	ug/l	
	Phenanthrene	Blank	<0.05	ug/l	
	Pyrene	Blank	<1.00	ug/l	
	Benzo(k)fluoranthene	Blank	<0.200	ug/l	
LFBLANK-92129					
	Naphthalene	Lab Fort Blank Amt.	2.00	ug/l	
		Lab Fort Blk. Found	1.90	ug/l	
		Lab Fort Blk. % Rec.	95.00	%	40-140
	Acenaphthene	Lab Fort Blank Amt.	2.00	ug/l	
		Lab Fort Blk. Found	1.80	ug/l	
		Lab Fort Blk. % Rec.	90.00	%	40-140
	Acenaphthylene	Lab Fort Blank Amt.	2.00	ug/l	
		Lab Fort Blk. Found	1.86	ug/l	
		Lab Fort Blk. % Rec.	93.00	%	40-140
	Anthracene	Lab Fort Blank Amt.	2.00	ug/l	
		Lab Fort Blk. Found	1.83	ug/l	
		Lab Fort Blk. % Rec.	91.50	%	40-140
	Benzo(a)anthracene	Lab Fort Blank Amt.	2.000	ug/l	
		Lab Fort Blk. Found	1.950	ug/l	
		Lab Fort Blk. % Rec.	97.500	%	40-140
	Benzo(a)pyrene	Lab Fort Blank Amt.	2.000	ug/l	
		Lab Fort Blk. Found	2.240	ug/l	
		Lab Fort Blk. % Rec.	112.000	%	40-140
	Benzo(b)fluoranthene	Lab Fort Blank Amt.	2.000	ug/l	
		Lab Fort Blk. Found	2.000	ug/l	
		Lab Fort Blk. % Rec.	100.000	%	40-140

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QC Batch Number: GCMS/SEMI-11960

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-92129					
	Benzo(g,h,i)perylene	Lab Fort Blank Amt.	2.000	ug/l	
		Lab Fort Blk. Found	1.980	ug/l	
		Lab Fort Blk. % Rec.	99.000	%	40-140
	Chrysene	Lab Fort Blank Amt.	2.00	ug/l	
		Lab Fort Blk. Found	1.80	ug/l	
		Lab Fort Blk. % Rec.	90.00	%	40-140
	Dibenz(a,h)anthracene	Lab Fort Blank Amt.	2.000	ug/l	
		Lab Fort Blk. Found	1.800	ug/l	
		Lab Fort Blk. % Rec.	90.000	%	40-140
	Fluoranthene	Lab Fort Blank Amt.	2.00	ug/l	
		Lab Fort Blk. Found	1.80	ug/l	
		Lab Fort Blk. % Rec.	90.00	%	40-140
	Fluorene	Lab Fort Blank Amt.	2.00	ug/l	
		Lab Fort Blk. Found	1.90	ug/l	
		Lab Fort Blk. % Rec.	95.00	%	40-140
	Indeno(1,2,3-cd)pyrene	Lab Fort Blank Amt.	2.000	ug/l	
		Lab Fort Blk. Found	1.850	ug/l	
		Lab Fort Blk. % Rec.	92.500	%	40-140
	2-Methylnaphthalene	Lab Fort Blank Amt.	2.00	ug/l	
		Lab Fort Blk. Found	1.81	ug/l	
		Lab Fort Blk. % Rec.	90.50	%	40-140
	Phenanthrene	Lab Fort Blank Amt.	2.00	ug/l	
		Lab Fort Blk. Found	1.84	ug/l	
		Lab Fort Blk. % Rec.	92.00	%	40-140
	Pyrene	Lab Fort Blank Amt.	2.00	ug/l	
		Lab Fort Blk. Found	1.97	ug/l	
		Lab Fort Blk. % Rec.	98.50	%	40-140
	Benzo(k)fluoranthene	Lab Fort Blank Amt.	2.000	ug/l	
		Lab Fort Blk. Found	1.880	ug/l	
		Lab Fort Blk. % Rec.	94.000	%	40-140

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Report Date: 3/3/2009 Lims Bat # : LIMT-23411

QC Batch Number: GCMS/SEMI-11977

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04958					
	Nitrobenzene-d5	Surrogate Recovery	65.6	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	67.4	%	30-130
	Terphenyl-d14	Surrogate Recovery	80.8	%	30-130
09B04959					
	Nitrobenzene-d5	Surrogate Recovery	64.7	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	66.2	%	30-130
	Terphenyl-d14	Surrogate Recovery	77.6	%	30-130
09B04960					
	Nitrobenzene-d5	Surrogate Recovery	66.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	67.0	%	30-130
	Terphenyl-d14	Surrogate Recovery	96.6	%	30-130
09B04961					
	Nitrobenzene-d5	Surrogate Recovery	62.5	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	68.8	%	30-130
	Terphenyl-d14	Surrogate Recovery	83.3	%	30-130
09B04962					
	Nitrobenzene-d5	Surrogate Recovery	52.4	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	55.0	%	30-130
	Terphenyl-d14	Surrogate Recovery	75.6	%	30-130
09B04963					
	Nitrobenzene-d5	Surrogate Recovery	65.4	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	66.6	%	30-130
	Terphenyl-d14	Surrogate Recovery	122.9	%	30-130
09B04964					
	Nitrobenzene-d5	Surrogate Recovery	73.7	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	75.1	%	30-130
	Terphenyl-d14	Surrogate Recovery	120.1	%	30-130
09B04965					
	Nitrobenzene-d5	Surrogate Recovery	70.3	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	70.7	%	30-130
	Terphenyl-d14	Surrogate Recovery	101.8	%	30-130
09B04966					
	Nitrobenzene-d5	Surrogate Recovery	65.5	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	68.3	%	30-130
	Terphenyl-d14	Surrogate Recovery	101.2	%	30-130
09B04967					
	Nitrobenzene-d5	Surrogate Recovery	66.4	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	69.3	%	30-130
	Terphenyl-d14	Surrogate Recovery	111.5	%	30-130
09B04968					
	Nitrobenzene-d5	Surrogate Recovery	62.5	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	64.8	%	30-130
	Terphenyl-d14	Surrogate Recovery	91.4	%	30-130

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QC Batch Number: GCMS/SEMI-11977

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04969					
	Nitrobenzene-d5	Surrogate Recovery	61.4	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	58.0	%	30-130
	Terphenyl-d14	Surrogate Recovery	83.2	%	30-130
BLANK-130178					
	Naphthalene	Blank	<0.167	mg/kg dry wt	
	Acenaphthene	Blank	<0.167	mg/kg dry wt	
	Acenaphthylene	Blank	<0.167	mg/kg dry wt	
	Anthracene	Blank	<0.167	mg/kg dry wt	
	Benzo(a)anthracene	Blank	<0.167	mg/kg dry wt	
	Benzo(a)pyrene	Blank	<0.167	mg/kg dry wt	
	Benzo(b)fluoranthene	Blank	<0.167	mg/kg dry wt	
	Benzo(g,h,i)perylene	Blank	<0.167	mg/kg dry wt	
	Chrysene	Blank	<0.167	mg/kg dry wt	
	Dibenz(a,h)anthracene	Blank	<0.167	mg/kg dry wt	
	Fluoranthene	Blank	<0.167	mg/kg dry wt	
	Fluorene	Blank	<0.167	mg/kg dry wt	
	Indeno(1,2,3-cd)pyrene	Blank	<0.167	mg/kg dry wt	
	2-Methylnaphthalene	Blank	<0.167	mg/kg dry wt	
	Phenanthrene	Blank	<0.167	mg/kg dry wt	
	Pyrene	Blank	<0.167	mg/kg dry wt	
	Benzo(k)fluoranthene	Blank	<0.167	mg/kg dry wt	
LFBLANK-92332					
	Naphthalene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.110	mg/kg dry wt	
		Lab Fort Blk. % Rec.	66.619	%	40-140
	Acenaphthene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.124	mg/kg dry wt	
		Lab Fort Blk. % Rec.	67.459	%	40-140
	Acenaphthylene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.113	mg/kg dry wt	
		Lab Fort Blk. % Rec.	66.799	%	40-140
	Anthracene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.132	mg/kg dry wt	
		Lab Fort Blk. % Rec.	67.960	%	40-140
	Benzo(a)anthracene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.080	mg/kg dry wt	
		Lab Fort Blk. % Rec.	64.819	%	40-140
	Benzo(a)pyrene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.160	mg/kg dry wt	
		Lab Fort Blk. % Rec.	69.599	%	40-140
	Benzo(b)fluoranthene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.174	mg/kg dry wt	
		Lab Fort Blk. % Rec.	70.480	%	40-140

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-92332					
	Benzo(g,h,i)perylene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.857	mg/kg dry wt	
		Lab Fort Blk. % Rec.	51.419	%	40-140
	Chrysene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.055	mg/kg dry wt	
		Lab Fort Blk. % Rec.	63.340	%	40-140
	Dibenz(a,h)anthracene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.914	mg/kg dry wt	
		Lab Fort Blk. % Rec.	54.879	%	40-140
	Fluoranthene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.200	mg/kg dry wt	
		Lab Fort Blk. % Rec.	72.040	%	40-140
	Fluorene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.084	mg/kg dry wt	
		Lab Fort Blk. % Rec.	65.080	%	40-140
	Indeno(1,2,3-cd)pyrene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.939	mg/kg dry wt	
		Lab Fort Blk. % Rec.	56.339	%	40-140
	2-Methylnaphthalene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.985	mg/kg dry wt	
		Lab Fort Blk. % Rec.	59.099	%	40-140
	Phenanthrene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.146	mg/kg dry wt	
		Lab Fort Blk. % Rec.	68.759	%	40-140
	Pyrene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.843	mg/kg dry wt	
		Lab Fort Blk. % Rec.	50.619	%	40-140
	Benzo(k)fluoranthene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.327	mg/kg dry wt	
		Lab Fort Blk. % Rec.	79.639	%	40-140

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Report Date: 3/3/2009 Lims Bat # : LIMT-23411

QC Batch Number: GCMS/VOL-21555

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04970					
	1,2-Dichloroethane-d4	Surrogate Recovery	94.720	%	70-130
	Toluene-d8	Surrogate Recovery	94.360	%	70-130
	Bromofluorobenzene	Surrogate Recovery	94.880	%	70-130
BLANK-129829					
	Acetone	Blank	<0.10	mg/kg	
	Benzene	Blank	<0.002	mg/kg	
	Carbon Tetrachloride	Blank	<0.002	mg/kg	
	Chloroform	Blank	<0.004	mg/kg	
	1,2-Dichloroethane	Blank	<0.002	mg/kg	
	1,4-Dichlorobenzene	Blank	<0.002	mg/kg	
	Ethyl Benzene	Blank	<0.002	mg/kg	
	2-Butanone (MEK)	Blank	<0.040	mg/kg	
	MIBK	Blank	<0.020	mg/kg	
	Naphthalene	Blank	<0.004	mg/kg	
	Styrene	Blank	<0.002	mg/kg	
	Tetrachloroethylene	Blank	<0.002	mg/kg	
	Toluene	Blank	<0.002	mg/kg	
	1,1,1-Trichloroethane	Blank	<0.002	mg/kg	
	Trichloroethylene	Blank	<0.002	mg/kg	
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Blank	<0.010	mg/kg	
	Trichlorofluoromethane	Blank	<0.010	mg/kg	
	o-Xylene	Blank	<0.002	mg/kg	
	m + p Xylene	Blank	<0.004	mg/kg	
	1,2-Dichlorobenzene	Blank	<0.002	mg/kg	
	1,3-Dichlorobenzene	Blank	<0.002	mg/kg	
	1,1-Dichloroethane	Blank	<0.002	mg/kg	
	1,1-Dichloroethylene	Blank	<0.004	mg/kg	
	1,4-Dioxane	Blank	<0.10	mg/kg	
	MTBE	Blank	<0.004	mg/kg	
	trans-1,2-Dichloroethylene	Blank	<0.002	mg/kg	
	Vinyl Chloride	Blank	<0.010	mg/kg	
	Methylene Chloride	Blank	<0.020	mg/kg	
	Chlorobenzene	Blank	<0.002	mg/kg	
	Chloromethane	Blank	<0.010	mg/kg	
	Bromomethane	Blank	<0.010	mg/kg	
	Chloroethane	Blank	<0.020	mg/kg	
	cis-1,3-Dichloropropene	Blank	<0.001	mg/kg	
	trans-1,3-Dichloropropene	Blank	<0.001	mg/kg	
	Chlorodibromomethane	Blank	<0.001	mg/kg	
	1,1,2-Trichloroethane	Blank	<0.002	mg/kg	
	Bromoform	Blank	<0.002	mg/kg	
	1,1,2,2-Tetrachloroethane	Blank	<0.001	mg/kg	
	2-Chlorotoluene	Blank	<0.002	mg/kg	

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QC Batch Number: GCMS/VOL-21555

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-129829					
	Hexachlorobutadiene	Blank	<0.002	mg/kg	
	Isopropylbenzene	Blank	<0.002	mg/kg	
	p-Isopropyltoluene	Blank	<0.002	mg/kg	
	n-Propylbenzene	Blank	<0.002	mg/kg	
	sec-Butylbenzene	Blank	<0.002	mg/kg	
	tert-Butylbenzene	Blank	<0.002	mg/kg	
	1,2,3-Trichlorobenzene	Blank	<0.002	mg/kg	
	1,2,4-Trichlorobenzene	Blank	<0.002	mg/kg	
	1,2,4-Trimethylbenzene	Blank	<0.002	mg/kg	
	1,3,5-Trimethylbenzene	Blank	<0.002	mg/kg	
	Dibromomethane	Blank	<0.002	mg/kg	
	cis-1,2-Dichloroethylene	Blank	<0.002	mg/kg	
	4-Chlorotoluene	Blank	<0.002	mg/kg	
	1,1-Dichloropropene	Blank	<0.002	mg/kg	
	1,2-Dichloropropane	Blank	<0.002	mg/kg	
	1,3-Dichloropropane	Blank	<0.001	mg/kg	
	2,2-Dichloropropane	Blank	<0.002	mg/kg	
	1,1,1,2-Tetrachloroethane	Blank	<0.002	mg/kg	
	1,2,3-Trichloropropane	Blank	<0.002	mg/kg	
	n-Butylbenzene	Blank	<0.002	mg/kg	
	Dichlorodifluoromethane	Blank	<0.020	mg/kg	
	Bromochloromethane	Blank	<0.002	mg/kg	
	Bromobenzene	Blank	<0.002	mg/kg	
	Acrylonitrile	Blank	<0.006	mg/kg	
	Carbon Disulfide	Blank	<0.006	mg/kg	
	2-Hexanone	Blank	<0.020	mg/kg	
	trans-1,4-Dichloro-2-Butene	Blank	<0.004	mg/kg	
	Diethyl Ether	Blank	<0.020	mg/kg	
	Bromodichloromethane	Blank	<0.002	mg/kg	
	1,2-Dibromo-3-Chloropropane	Blank	<0.002	mg/kg	
	1,2-Dibromoethane	Blank	<0.001	mg/kg	
	Tetrahydrofuran	Blank	<0.010	mg/kg	
	tert-Butyl Alcohol	Blank	<0.040	mg/kg	
	Diisopropyl Ether	Blank	<0.020	mg/kg	
	tert-Butylethyl Ether	Blank	<0.001	mg/kg	
	tert-Amylmethyl Ether	Blank	<0.001	mg/kg	
	1,3,5-Trichloroebenzene	Blank	<0.002	mg/kg	

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Method Blanks

Report Date: 3/3/2009 Lims Bat # : LIMT-23411

QC Batch Number: GCMS/VOL-21556

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04958					
	1,2-Dichloroethane-d4	Surrogate Recovery	99.160	%	70-130
	Toluene-d8	Surrogate Recovery	94.720	%	70-130
	Bromofluorobenzene	Surrogate Recovery	96.880	%	70-130
09B04959					
	Acetone	Sample Amount	<0.13	mg/kg dry wt	
		Matrix Spk Amt Added	0.241	mg/kg dry wt	
		MS Amt Measured	0.443	mg/kg dry wt	
		Matrix Spike % Rec.	183.480	%	70-130
	Benzene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.025	mg/kg dry wt	
		Matrix Spike % Rec.	103.500	%	70-130
	Carbon Tetrachloride	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.028	mg/kg dry wt	
		Matrix Spike % Rec.	118.800	%	70-130
	Chloroform	Sample Amount	<0.005	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.026	mg/kg dry wt	
		Matrix Spike % Rec.	108.900	%	70-130
	1,2-Dichloroethane	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.031	mg/kg dry wt	
		Matrix Spike % Rec.	130.500	%	70-130
	1,4-Dichlorobenzene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.027	mg/kg dry wt	
		Matrix Spike % Rec.	112.000	%	70-130
	Ethyl Benzene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.029	mg/kg dry wt	
		Matrix Spike % Rec.	123.900	%	70-130
	2-Butanone (MEK)	Sample Amount	<0.049	mg/kg dry wt	
		Matrix Spk Amt Added	0.241	mg/kg dry wt	
		MS Amt Measured	0.276	mg/kg dry wt	
		Matrix Spike % Rec.	114.260	%	70-130
	MIBK	Sample Amount	<0.025	mg/kg dry wt	
		Matrix Spk Amt Added	0.241	mg/kg dry wt	
		MS Amt Measured	0.262	mg/kg dry wt	
		Matrix Spike % Rec.	108.680	%	70-130
	Naphthalene	Sample Amount	<0.005	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.021	mg/kg dry wt	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/3/2009 Lims Bat # : LIMT-23411

QC Batch Number: GCMS/VOL-21556

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04959					
	Naphthalene	Matrix Spike % Rec.	89.999	%	70-130
	Styrene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.029	mg/kg dry wt	
		Matrix Spike % Rec.	122.900	%	70-130
	Tetrachloroethylene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.030	mg/kg dry wt	
		Matrix Spike % Rec.	127.200	%	70-130
	Toluene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.027	mg/kg dry wt	
		Matrix Spike % Rec.	114.000	%	70-130
	1,1,1-Trichloroethane	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.029	mg/kg dry wt	
		Matrix Spike % Rec.	120.300	%	70-130
	Trichloroethylene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.029	mg/kg dry wt	
		Matrix Spike % Rec.	120.800	%	70-130
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Sample Amount	<0.013	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.034	mg/kg dry wt	
		Matrix Spike % Rec.	144.000	%	70-130
	Trichlorofluoromethane	Sample Amount	<0.013	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.035	mg/kg dry wt	
		Matrix Spike % Rec.	145.700	%	70-130
	o-Xylene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.028	mg/kg dry wt	
		Matrix Spike % Rec.	117.400	%	70-130
	m + p Xylene	Sample Amount	<0.005	mg/kg dry wt	
		Matrix Spk Amt Added	0.048	mg/kg dry wt	
		MS Amt Measured	0.058	mg/kg dry wt	
		Matrix Spike % Rec.	121.450	%	70-130
	1,2-Dichlorobenzene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.027	mg/kg dry wt	
		Matrix Spike % Rec.	115.000	%	70-130
	1,3-Dichlorobenzene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	

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09B04959					
	1,3-Dichlorobenzene	MS Amt Measured	0.028	mg/kg dry wt	
		Matrix Spike % Rec.	118.100	%	70-130
	1,1-Dichloroethane	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.025	mg/kg dry wt	
		Matrix Spike % Rec.	104.500	%	70-130
	1,1-Dichloroethylene	Sample Amount	<0.005	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.028	mg/kg dry wt	
		Matrix Spike % Rec.	117.600	%	70-130
	1,4-Dioxane	Sample Amount	<0.13	mg/kg dry wt	
		Matrix Spk Amt Added	0.241	mg/kg dry wt	
		MS Amt Measured	0.234	mg/kg dry wt	
		Matrix Spike % Rec.	96.890	%	70-130
	MTBE	Sample Amount	<0.005	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.026	mg/kg dry wt	
		Matrix Spike % Rec.	110.300	%	70-130
	trans-1,2-Dichloroethylene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.026	mg/kg dry wt	
		Matrix Spike % Rec.	109.500	%	70-130
	Vinyl Chloride	Sample Amount	<0.013	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.024	mg/kg dry wt	
		Matrix Spike % Rec.	99.800	%	70-130
	Methylene Chloride	Sample Amount	<0.025	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.027	mg/kg dry wt	
		Matrix Spike % Rec.	115.600	%	70-130
	Chlorobenzene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.029	mg/kg dry wt	
		Matrix Spike % Rec.	122.800	%	70-130
	Chloromethane	Sample Amount	<0.013	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.021	mg/kg dry wt	
		Matrix Spike % Rec.	89.599	%	70-130
	Bromomethane	Sample Amount	<0.013	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.030	mg/kg dry wt	
		Matrix Spike % Rec.	124.900	%	70-130
	Chloroethane	Sample Amount	<0.025	mg/kg dry wt	

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09B04959					
	Chloroethane	Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.027	mg/kg dry wt	
		Matrix Spike % Rec.	115.100	%	70-130
	cis-1,3-Dichloropropene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.025	mg/kg dry wt	
		Matrix Spike % Rec.	106.600	%	70-130
	trans-1,3-Dichloropropene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.026	mg/kg dry wt	
		Matrix Spike % Rec.	111.600	%	70-130
	Chlorodibromomethane	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.030	mg/kg dry wt	
		Matrix Spike % Rec.	125.600	%	70-130
	1,1,2-Trichloroethane	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.024	mg/kg dry wt	
		Matrix Spike % Rec.	103.200	%	70-130
	Bromoform	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.033	mg/kg dry wt	
		Matrix Spike % Rec.	138.400	%	70-130
	1,1,2,2-Tetrachloroethane	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.026	mg/kg dry wt	
		Matrix Spike % Rec.	108.400	%	70-130
	2-Chlorotoluene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.029	mg/kg dry wt	
		Matrix Spike % Rec.	123.600	%	70-130
	Hexachlorobutadiene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.029	mg/kg dry wt	
		Matrix Spike % Rec.	123.300	%	70-130
	Isopropylbenzene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.033	mg/kg dry wt	
		Matrix Spike % Rec.	139.600	%	70-130
	p-Isopropyltoluene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.030	mg/kg dry wt	
		Matrix Spike % Rec.	126.600	%	70-130

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04959					
	n-Propylbenzene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.030	mg/kg dry wt	
		Matrix Spike % Rec.	124.900	%	70-130
	sec-Butylbenzene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.029	mg/kg dry wt	
		Matrix Spike % Rec.	121.400	%	70-130
	tert-Butylbenzene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.029	mg/kg dry wt	
		Matrix Spike % Rec.	121.400	%	70-130
	1,2,3-Trichlorobenzene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.025	mg/kg dry wt	
		Matrix Spike % Rec.	104.300	%	70-130
	1,2,4-Trichlorobenzene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.025	mg/kg dry wt	
		Matrix Spike % Rec.	106.100	%	70-130
	1,2,4-Trimethylbenzene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.029	mg/kg dry wt	
		Matrix Spike % Rec.	121.300	%	70-130
	1,3,5-Trimethylbenzene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.031	mg/kg dry wt	
		Matrix Spike % Rec.	132.400	%	70-130
	4-Chlorotoluene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.030	mg/kg dry wt	
		Matrix Spike % Rec.	127.600	%	70-130
	Dibromomethane	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.027	mg/kg dry wt	
		Matrix Spike % Rec.	115.400	%	70-130
	cis-1,2-Dichloroethylene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.025	mg/kg dry wt	
		Matrix Spike % Rec.	106.300	%	70-130
	1,1-Dichloropropene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.027	mg/kg dry wt	

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04959					
	1,1-Dichloropropene	Matrix Spike % Rec.	115.800	%	70-130
	1,2-Dichloropropane	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.023	mg/kg dry wt	
		Matrix Spike % Rec.	99.200	%	70-130
	1,3-Dichloropropane	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.026	mg/kg dry wt	
		Matrix Spike % Rec.	110.700	%	70-130
	2,2-Dichloropropane	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.023	mg/kg dry wt	
		Matrix Spike % Rec.	98.299	%	70-130
	1,1,1,2-Tetrachloroethane	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.028	mg/kg dry wt	
		Matrix Spike % Rec.	118.000	%	70-130
	1,2,3-Trichloropropane	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.019	mg/kg dry wt	
		Matrix Spike % Rec.	82.400	%	70-130
	n-Butylbenzene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.029	mg/kg dry wt	
		Matrix Spike % Rec.	120.100	%	70-130
	Dichlorodifluoromethane	Sample Amount	<0.025	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.019	mg/kg dry wt	
		Matrix Spike % Rec.	79.399	%	70-130
	Bromochloromethane	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.029	mg/kg dry wt	
		Matrix Spike % Rec.	121.300	%	70-130
	Bromobenzene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.030	mg/kg dry wt	
		Matrix Spike % Rec.	124.600	%	70-130
	Acrylonitrile	Sample Amount	<0.008	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.022	mg/kg dry wt	
		Matrix Spike % Rec.	94.800	%	70-130
	Carbon Disulfide	Sample Amount	<0.008	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	

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09B04959					
	Carbon Disulfide	MS Amt Measured	0.030	mg/kg dry wt	
		Matrix Spike % Rec.	125.400	%	70-130
	2-Hexanone	Sample Amount	<0.025	mg/kg dry wt	
		Matrix Spk Amt Added	0.241	mg/kg dry wt	
		MS Amt Measured	0.288	mg/kg dry wt	
		Matrix Spike % Rec.	119.370	%	70-130
	trans-1,4-Dichloro-2-Butene	Sample Amount	<0.005	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.023	mg/kg dry wt	
		Matrix Spike % Rec.	96.400	%	70-130
	Diethyl Ether	Sample Amount	<0.025	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.028	mg/kg dry wt	
		Matrix Spike % Rec.	116.300	%	70-130
	Bromodichloromethane	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.028	mg/kg dry wt	
		Matrix Spike % Rec.	117.800	%	70-130
	1,2-Dichloroethane-d4	Surrogate Recovery	106.280	%	70-130
	Toluene-d8	Surrogate Recovery	94.640	%	70-130
	Bromofluorobenzene	Surrogate Recovery	97.760	%	70-130
	1,2-Dibromo-3-Chloropropane	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.022	mg/kg dry wt	
		Matrix Spike % Rec.	92.400	%	70-130
	1,2-Dibromoethane	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.028	mg/kg dry wt	
		Matrix Spike % Rec.	116.300	%	70-130
	Tetrahydrofuran	Sample Amount	<0.013	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.021	mg/kg dry wt	
		Matrix Spike % Rec.	90.799	%	70-130
	tert-Butyl Alcohol	Sample Amount	<0.049	mg/kg dry wt	
		Matrix Spk Amt Added	0.241	mg/kg dry wt	
		MS Amt Measured	0.167	mg/kg dry wt	
		Matrix Spike % Rec.	69.480	%	70-130
	Diisopropyl Ether	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.025	mg/kg dry wt	
		Matrix Spike % Rec.	105.300	%	70-130
	tert-Butylethyl Ether	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	

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09B04959					
	tert-Butylethyl Ether	MS Amt Measured	0.025	mg/kg dry wt	
		Matrix Spike % Rec.	104.900	%	70-130
	tert-Amylmethyl Ether	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.024	mg/kg dry wt	
		Matrix Spike % Rec.	103.300	%	70-130
	1,3,5-Trichlorobenzene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.024	mg/kg dry wt	
		MS Amt Measured	0.028	mg/kg dry wt	
		Matrix Spike % Rec.	116.700	%	70-130
09B04960					
	1,2-Dichloroethane-d4	Surrogate Recovery	101.160	%	70-130
	Toluene-d8	Surrogate Recovery	93.800	%	70-130
	Bromofluorobenzene	Surrogate Recovery	96.360	%	70-130
09B04961					
	1,2-Dichloroethane-d4	Surrogate Recovery	100.080	%	70-130
	Toluene-d8	Surrogate Recovery	94.160	%	70-130
	Bromofluorobenzene	Surrogate Recovery	97.120	%	70-130
09B04962					
	1,2-Dichloroethane-d4	Surrogate Recovery	106.200	%	70-130
	Toluene-d8	Surrogate Recovery	90.080	%	70-130
	Bromofluorobenzene	Surrogate Recovery	70.040	%	70-130
09B04963					
	1,2-Dichloroethane-d4	Surrogate Recovery	96.720	%	70-130
	Toluene-d8	Surrogate Recovery	94.720	%	70-130
	Bromofluorobenzene	Surrogate Recovery	96.440	%	70-130
09B04964					
	1,2-Dichloroethane-d4	Surrogate Recovery	103.440	%	70-130
	Toluene-d8	Surrogate Recovery	94.640	%	70-130
	Bromofluorobenzene	Surrogate Recovery	97.840	%	70-130
09B04965					
	1,2-Dichloroethane-d4	Surrogate Recovery	103.680	%	70-130
	Toluene-d8	Surrogate Recovery	93.160	%	70-130
	Bromofluorobenzene	Surrogate Recovery	98.440	%	70-130
09B04966					
	1,2-Dichloroethane-d4	Surrogate Recovery	104.120	%	70-130
	Toluene-d8	Surrogate Recovery	95.520	%	70-130
	Bromofluorobenzene	Surrogate Recovery	98.280	%	70-130
09B04967					
	1,2-Dichloroethane-d4	Surrogate Recovery	102.920	%	70-130
	Toluene-d8	Surrogate Recovery	93.640	%	70-130
	Bromofluorobenzene	Surrogate Recovery	96.960	%	70-130
09B04968					

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/3/2009 Lims Bat # : LIMT-23411

QC Batch Number: GCMS/VOL-21556

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04968					
	1,2-Dichloroethane-d4	Surrogate Recovery	106.960	%	70-130
	Toluene-d8	Surrogate Recovery	94.600	%	70-130
	Bromofluorobenzene	Surrogate Recovery	97.160	%	70-130
09B04969					
	1,2-Dichloroethane-d4	Surrogate Recovery	101.560	%	70-130
	Toluene-d8	Surrogate Recovery	94.120	%	70-130
	Bromofluorobenzene	Surrogate Recovery	96.320	%	70-130
BLANK-129833					
	Acetone	Blank	<0.10	mg/kg dry wt	
	Benzene	Blank	<0.002	mg/kg dry wt	
	Carbon Tetrachloride	Blank	<0.002	mg/kg dry wt	
	Chloroform	Blank	<0.004	mg/kg dry wt	
	1,2-Dichloroethane	Blank	<0.002	mg/kg dry wt	
	1,4-Dichlorobenzene	Blank	<0.002	mg/kg dry wt	
	Ethyl Benzene	Blank	<0.002	mg/kg dry wt	
	2-Butanone (MEK)	Blank	<0.040	mg/kg dry wt	
	MIBK	Blank	<0.020	mg/kg dry wt	
	Naphthalene	Blank	<0.004	mg/kg dry wt	
	Styrene	Blank	<0.002	mg/kg dry wt	
	Tetrachloroethylene	Blank	<0.002	mg/kg dry wt	
	Toluene	Blank	<0.002	mg/kg dry wt	
	1,1,1-Trichloroethane	Blank	<0.002	mg/kg dry wt	
	Trichloroethylene	Blank	<0.002	mg/kg dry wt	
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Blank	<0.010	mg/kg dry wt	
	Trichlorofluoromethane	Blank	<0.010	mg/kg dry wt	
	o-Xylene	Blank	<0.002	mg/kg dry wt	
	m + p Xylene	Blank	<0.004	mg/kg dry wt	
	1,2-Dichlorobenzene	Blank	<0.002	mg/kg dry wt	
	1,3-Dichlorobenzene	Blank	<0.002	mg/kg dry wt	
	1,1-Dichloroethane	Blank	<0.002	mg/kg dry wt	
	1,1-Dichloroethylene	Blank	<0.004	mg/kg dry wt	
	1,4-Dioxane	Blank	<0.10	mg/kg dry wt	
	MTBE	Blank	<0.004	mg/kg dry wt	
	trans-1,2-Dichloroethylene	Blank	<0.002	mg/kg dry wt	
	Vinyl Chloride	Blank	<0.010	mg/kg dry wt	
	Methylene Chloride	Blank	<0.020	mg/kg dry wt	
	Chlorobenzene	Blank	<0.002	mg/kg dry wt	
	Chloromethane	Blank	<0.010	mg/kg dry wt	
	Bromomethane	Blank	<0.010	mg/kg dry wt	
	Chloroethane	Blank	<0.020	mg/kg dry wt	
	cis-1,3-Dichloropropene	Blank	<0.001	mg/kg dry wt	
	trans-1,3-Dichloropropene	Blank	<0.001	mg/kg dry wt	
	Chlorodibromomethane	Blank	<0.001	mg/kg dry wt	

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BLANK-129833					
	1,1,2-Trichloroethane	Blank	<0.002	mg/kg dry wt	
	Bromoform	Blank	<0.002	mg/kg dry wt	
	1,1,2,2-Tetrachloroethane	Blank	<0.001	mg/kg dry wt	
	2-Chlorotoluene	Blank	<0.002	mg/kg dry wt	
	Hexachlorobutadiene	Blank	<0.002	mg/kg dry wt	
	Isopropylbenzene	Blank	<0.002	mg/kg dry wt	
	p-Isopropyltoluene	Blank	<0.002	mg/kg dry wt	
	n-Propylbenzene	Blank	<0.002	mg/kg dry wt	
	sec-Butylbenzene	Blank	<0.002	mg/kg dry wt	
	tert-Butylbenzene	Blank	<0.002	mg/kg dry wt	
	1,2,3-Trichlorobenzene	Blank	<0.002	mg/kg dry wt	
	1,2,4-Trichlorobenzene	Blank	<0.002	mg/kg dry wt	
	1,2,4-Trimethylbenzene	Blank	<0.002	mg/kg dry wt	
	1,3,5-Trimethylbenzene	Blank	<0.002	mg/kg dry wt	
	4-Chlorotoluene	Blank	<0.002	mg/kg dry wt	
	Dibromomethane	Blank	<0.002	mg/kg dry wt	
	cis-1,2-Dichloroethylene	Blank	<0.002	mg/kg dry wt	
	1,1-Dichloropropene	Blank	<0.002	mg/kg dry wt	
	1,2-Dichloropropane	Blank	<0.002	mg/kg dry wt	
	1,3-Dichloropropane	Blank	<0.001	mg/kg dry wt	
	2,2-Dichloropropane	Blank	<0.002	mg/kg dry wt	
	1,1,1,2-Tetrachloroethane	Blank	<0.002	mg/kg dry wt	
	1,2,3-Trichloropropane	Blank	<0.002	mg/kg dry wt	
	n-Butylbenzene	Blank	<0.002	mg/kg dry wt	
	Dichlorodifluoromethane	Blank	<0.020	mg/kg dry wt	
	Bromochloromethane	Blank	<0.002	mg/kg dry wt	
	Bromobenzene	Blank	<0.002	mg/kg dry wt	
	Acrylonitrile	Blank	<0.006	mg/kg dry wt	
	Carbon Disulfide	Blank	<0.006	mg/kg dry wt	
	2-Hexanone	Blank	<0.020	mg/kg dry wt	
	trans-1,4-Dichloro-2-Butene	Blank	<0.004	mg/kg dry wt	
	Diethyl Ether	Blank	<0.020	mg/kg dry wt	
	Bromodichloromethane	Blank	<0.002	mg/kg dry wt	
	1,2-Dibromo-3-Chloropropane	Blank	<0.002	mg/kg dry wt	
	1,2-Dibromoethane	Blank	<0.001	mg/kg dry wt	
	Tetrahydrofuran	Blank	<0.010	mg/kg dry wt	
	tert-Butyl Alcohol	Blank	<0.040	mg/kg dry wt	
	Diisopropyl Ether	Blank	<0.001	mg/kg dry wt	
	tert-Butylethyl Ether	Blank	<0.001	mg/kg dry wt	
	tert-Amylmethyl Ether	Blank	<0.001	mg/kg dry wt	
	1,3,5-Trichlorobenzene	Blank	<0.002	mg/kg dry wt	
LFBLANK-91946					
	Acetone	Lab Fort Blank Amt.	0.200	mg/kg dry wt	

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LFBLANK-91946					
	Acetone	Lab Fort Blk. Found	0.234	mg/kg dry wt	
		Lab Fort Blk. % Rec.	117.190	%	70-160
	Benzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.016	mg/kg dry wt	
		Lab Fort Blk. % Rec.	84.900	%	70-130
	Carbon Tetrachloride	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	108.800	%	70-130
	Chloroform	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	88.700	%	70-130
	1,2-Dichloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.200	%	70-130
	1,4-Dichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	94.800	%	70-130
	Ethyl Benzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	101.900	%	70-130
	2-Butanone (MEK)	Lab Fort Blank Amt.	0.200	mg/kg dry wt	
		Lab Fort Blk. Found	0.170	mg/kg dry wt	
		Lab Fort Blk. % Rec.	85.010	%	70-160
	MIBK	Lab Fort Blank Amt.	0.200	mg/kg dry wt	
		Lab Fort Blk. Found	0.167	mg/kg dry wt	
		Lab Fort Blk. % Rec.	83.550	%	70-160
	Naphthalene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	90.400	%	40-130
	Styrene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	100.600	%	70-130
	Tetrachloroethylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	103.200	%	70-130
	Toluene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	92.500	%	70-130
	1,1,1-Trichloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	101.300	%	70-130
	Trichloroethylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	

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LFBLANK-91946					
	Trichloroethylene	Lab Fort Blk. % Rec.	97.700	%	70-130
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.023	mg/kg dry wt	
		Lab Fort Blk. % Rec.	116.200	%	70-130
	Trichlorofluoromethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.022	mg/kg dry wt	
		Lab Fort Blk. % Rec.	113.200	%	70-130
	o-Xylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.900	%	70-130
	m + p Xylene	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.040	mg/kg dry wt	
		Lab Fort Blk. % Rec.	100.700	%	70-130
	1,2-Dichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.100	%	70-130
	1,3-Dichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.700	%	70-130
	1,1-Dichloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	87.300	%	70-130
	1,1-Dichloroethylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	95.200	%	70-130
	1,4-Dioxane	Lab Fort Blank Amt.	0.200	mg/kg dry wt	
		Lab Fort Blk. Found	0.176	mg/kg dry wt	
		Lab Fort Blk. % Rec.	88.460	%	40-160
	MTBE	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	91.100	%	70-130
	trans-1,2-Dichloroethylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	89.600	%	70-130
	Vinyl Chloride	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.016	mg/kg dry wt	
		Lab Fort Blk. % Rec.	84.200	%	40-130
	Methylene Chloride	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	91.300	%	40-160
	Chlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	98.600	%	70-130

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LFBLANK-91946					
	Chloromethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.015	mg/kg dry wt	
		Lab Fort Blk. % Rec.	76.300	%	40-130
	Bromomethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	100.100	%	40-130
	Chloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	98.200	%	70-130
	cis-1,3-Dichloropropene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	88.200	%	70-130
	trans-1,3-Dichloropropene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	94.700	%	70-130
	Chlorodibromomethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.700	%	70-130
	1,1,2-Trichloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.016	mg/kg dry wt	
		Lab Fort Blk. % Rec.	83.200	%	70-130
	Bromoform	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.023	mg/kg dry wt	
		Lab Fort Blk. % Rec.	119.900	%	70-130
	1,1,2,2-Tetrachloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	85.500	%	70-130
	2-Chlorotoluene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	101.800	%	70-130
	Hexachlorobutadiene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.022	mg/kg dry wt	
		Lab Fort Blk. % Rec.	110.600	%	70-130
	Isopropylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.023	mg/kg dry wt	
		Lab Fort Blk. % Rec.	115.700	%	70-130
	p-Isopropyltoluene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	108.200	%	70-130
	n-Propylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.600	%	70-130
	sec-Butylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	

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LFBLANK-91946					
	sec-Butylbenzene	Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	103.900	%	70-130
	tert-Butylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.100	%	70-160
	1,2,3-Trichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	94.600	%	70-130
	1,2,4-Trichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	94.000	%	70-130
	1,2,4-Trimethylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.100	%	70-130
	1,3,5-Trimethylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	108.400	%	70-130
	4-Chlorotoluene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.300	%	70-130
	Dibromomethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	91.700	%	70-130
	cis-1,2-Dichloroethylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	88.200	%	70-130
	1,1-Dichloropropene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	95.300	%	70-130
	1,2-Dichloropropane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.016	mg/kg dry wt	
		Lab Fort Blk. % Rec.	81.300	%	70-130
	1,3-Dichloropropane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	88.000	%	70-130
	2,2-Dichloropropane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	85.900	%	70-130
	1,1,1,2-Tetrachloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.900	%	70-130
	1,2,3-Trichloropropane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.014	mg/kg dry wt	

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LFBLANK-91946					
	1,2,3-Trichloropropane	Lab Fort Blk. % Rec.	71.000	%	70-130
	n-Butylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	101.600	%	70-130
	Dichlorodifluoromethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.014	mg/kg dry wt	
		Lab Fort Blk. % Rec.	70.300	%	40-160
	Bromochloromethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	100.600	%	70-130
	Bromobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.400	%	70-130
	Acrylonitrile	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.015	mg/kg dry wt	
		Lab Fort Blk. % Rec.	78.000	%	70-160
	Carbon Disulfide	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.700	%	70-130
	2-Hexanone	Lab Fort Blank Amt.	0.200	mg/kg dry wt	
		Lab Fort Blk. Found	0.171	mg/kg dry wt	
		Lab Fort Blk. % Rec.	85.620	%	70-160
	trans-1,4-Dichloro-2-Butene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.014	mg/kg dry wt	
		Lab Fort Blk. % Rec.	74.800	%	70-130
	Diethyl Ether	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	92.100	%	70-130
	Bromodichloromethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	97.900	%	70-130
	1,2-Dibromo-3-Chloropropane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.016	mg/kg dry wt	
		Lab Fort Blk. % Rec.	83.500	%	70-130
	1,2-Dibromoethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	93.700	%	70-130
	Tetrahydrofuran	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.016	mg/kg dry wt	
		Lab Fort Blk. % Rec.	80.500	%	70-130
	tert-Butyl Alcohol	Lab Fort Blank Amt.	0.200	mg/kg dry wt	
		Lab Fort Blk. Found	0.128	mg/kg dry wt	
		Lab Fort Blk. % Rec.	64.010	%	40-130

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/3/2009 Lims Bat # : LIMT-23411

QC Batch Number: GCMS/VOL-21556

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-91946					
	Diisopropyl Ether	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	86.400	%	70-130
	tert-Butylethyl Ether	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	88.000	%	70-130
	tert-Amylmethyl Ether	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	86.800	%	70-130
	1,3,5-Trichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.400	%	70-130

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Report Date: 3/3/2009 Lims Bat # : LIMT-23411

QC Batch Number: GCMS/VOL-21572

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04971					
	1,2-Dichloroethane-d4	Surrogate Recovery	99.8	%	70-130
	Toluene-d8	Surrogate Recovery	99.0	%	70-130
	Bromofluorobenzene	Surrogate Recovery	96.4	%	70-130
BLANK-129928					
	Acetone	Blank	<5.0	ug/l	
	Benzene	Blank	<0.5	ug/l	
	Carbon Tetrachloride	Blank	<0.5	ug/l	
	Chloroform	Blank	<0.5	ug/l	
	1,2-Dichloroethane	Blank	<0.5	ug/l	
	1,4-Dichlorobenzene	Blank	<0.5	ug/l	
	Ethyl Benzene	Blank	<0.5	ug/l	
	2-Butanone (MEK)	Blank	<2.0	ug/l	
	MIBK	Blank	<2.0	ug/l	
	Naphthalene	Blank	<5.0	ug/l	
	Styrene	Blank	<1.0	ug/l	
	Tetrachloroethylene	Blank	<0.5	ug/l	
	Toluene	Blank	<0.5	ug/l	
	1,1,1-Trichloroethane	Blank	<1.0	ug/l	
	Trichloroethylene	Blank	<0.5	ug/l	
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Blank	<0.5	ug/l	
	Trichlorofluoromethane	Blank	<0.5	ug/l	
	o-Xylene	Blank	<0.5	ug/l	
	m + p Xylene	Blank	<1.0	ug/l	
	1,2-Dichlorobenzene	Blank	<0.5	ug/l	
	1,3-Dichlorobenzene	Blank	<0.5	ug/l	
	1,1-Dichloroethane	Blank	<0.5	ug/l	
	1,1-Dichloroethylene	Blank	<0.5	ug/l	
	1,4-Dioxane	Blank	<10.0	ug/l	
	MTBE	Blank	<0.5	ug/l	
	trans-1,2-Dichloroethylene	Blank	<0.5	ug/l	
	Vinyl Chloride	Blank	<0.5	ug/l	
	Methylene Chloride	Blank	<1.0	ug/l	
	Chlorobenzene	Blank	<0.5	ug/l	
	Chloromethane	Blank	<0.5	ug/l	
	Bromomethane	Blank	<0.5	ug/l	
	Chloroethane	Blank	<0.5	ug/l	
	cis-1,3-Dichloropropene	Blank	<0.5	ug/l	
	trans-1,3-Dichloropropene	Blank	<0.5	ug/l	
	Chlorodibromomethane	Blank	<5.0	ug/l	
	1,1,2-Trichloroethane	Blank	<0.5	ug/l	
	Bromoform	Blank	<5.0	ug/l	
	1,1,2,2-Tetrachloroethane	Blank	<0.5	ug/l	
	2-Chlorotoluene	Blank	<0.5	ug/l	

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-129928					
	Hexachlorobutadiene	Blank	<0.4	ug/l	
	Isopropylbenzene	Blank	<0.5	ug/l	
	p-Isopropyltoluene	Blank	<0.5	ug/l	
	n-Propylbenzene	Blank	<0.5	ug/l	
	sec-Butylbenzene	Blank	<0.5	ug/l	
	tert-Butylbenzene	Blank	<0.5	ug/l	
	1,2,3-Trichlorobenzene	Blank	<5.0	ug/l	
	1,2,4-Trichlorobenzene	Blank	<0.5	ug/l	
	1,2,4-Trimethylbenzene	Blank	<0.5	ug/l	
	1,3,5-Trimethylbenzene	Blank	<0.5	ug/l	
	Dibromomethane	Blank	<0.5	ug/l	
	cis-1,2-Dichloroethylene	Blank	<0.5	ug/l	
	4-Chlorotoluene	Blank	<0.5	ug/l	
	1,1-Dichloropropene	Blank	<0.5	ug/l	
	1,2-Dichloropropane	Blank	<0.5	ug/l	
	1,3-Dichloropropane	Blank	<0.5	ug/l	
	2,2-Dichloropropane	Blank	<0.5	ug/l	
	1,1,1,2-Tetrachloroethane	Blank	<1.0	ug/l	
	1,2,3-Trichloropropane	Blank	<0.5	ug/l	
	n-Butylbenzene	Blank	<0.5	ug/l	
	Dichlorodifluoromethane	Blank	<0.5	ug/l	
	Bromochloromethane	Blank	<0.5	ug/l	
	Bromobenzene	Blank	<0.5	ug/l	
	Acrylonitrile	Blank	<2.0	ug/l	
	Carbon Disulfide	Blank	<5.0	ug/l	
	2-Hexanone	Blank	<10.0	ug/l	
	trans-1,4-Dichloro-2-Butene	Blank	<5.0	ug/l	
	Diethyl Ether	Blank	<0.5	ug/l	
	Bromodichloromethane	Blank	<1.0	ug/l	
	1,2-Dibromo-3-Chloropropane	Blank	<5.0	ug/l	
	1,2-Dibromoethane	Blank	<0.50	ug/l	
	Tetrahydrofuran	Blank	<5.0	ug/l	
	tert-Butyl Alcohol	Blank	<10.0	ug/l	
	Diisopropyl Ether	Blank	<0.5	ug/l	
	tert-Butylethyl Ether	Blank	<0.5	ug/l	
	tert-Amylmethyl Ether	Blank	<0.5	ug/l	
	1,3,5-Trichlorobenzene	Blank	<1.0	ug/l	
LFBLANK-92059					
	Acetone	Lab Fort Blank Amt.	100.0	ug/l	
		Lab Fort Blk. Found	127.3	ug/l	
		Lab Fort Blk. % Rec.	127.3	%	70-160
	Benzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.4	ug/l	

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LFBLANK-92059					
	Benzene	Lab Fort Blk. % Rec.	104.4	%	70-130
	Carbon Tetrachloride	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.4	ug/l	
		Lab Fort Blk. % Rec.	104.4	%	70-130
	Chloroform	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.6	ug/l	
		Lab Fort Blk. % Rec.	106.8	%	70-130
	1,2-Dichloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.4	ug/l	
		Lab Fort Blk. % Rec.	104.9	%	70-130
	1,4-Dichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.3	ug/l	
		Lab Fort Blk. % Rec.	93.9	%	70-130
	Ethyl Benzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.2	ug/l	
		Lab Fort Blk. % Rec.	102.5	%	70-130
	2-Butanone (MEK)	Lab Fort Blank Amt.	100.0	ug/l	
		Lab Fort Blk. Found	86.6	ug/l	
		Lab Fort Blk. % Rec.	86.6	%	40-160
	MIBK	Lab Fort Blank Amt.	100.0	ug/l	
		Lab Fort Blk. Found	69.9	ug/l	
		Lab Fort Blk. % Rec.	69.9	%	70-160
	Naphthalene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	3.4	ug/l	
		Lab Fort Blk. % Rec.	34.8	%	40-130
	Styrene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.5	ug/l	
		Lab Fort Blk. % Rec.	95.1	%	70-130
	Tetrachloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.1	ug/l	
		Lab Fort Blk. % Rec.	101.2	%	70-160
	Toluene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.3	ug/l	
		Lab Fort Blk. % Rec.	103.7	%	70-130
	1,1,1-Trichloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.3	ug/l	
		Lab Fort Blk. % Rec.	103.6	%	70-130
	Trichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.4	ug/l	
		Lab Fort Blk. % Rec.	104.2	%	70-130
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.8	ug/l	
		Lab Fort Blk. % Rec.	118.7	%	70-130

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-92059					
	Trichlorofluoromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.8	ug/l	
		Lab Fort Blk. % Rec.	108.6	%	70-130
	o-Xylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.5	ug/l	
		Lab Fort Blk. % Rec.	95.4	%	70-130
	m + p Xylene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	19.7	ug/l	
		Lab Fort Blk. % Rec.	98.8	%	70-130
	1,2-Dichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.9	ug/l	
		Lab Fort Blk. % Rec.	99.0	%	70-130
	1,3-Dichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.9	ug/l	
		Lab Fort Blk. % Rec.	99.7	%	70-130
	1,1-Dichloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.6	ug/l	
		Lab Fort Blk. % Rec.	106.6	%	70-130
	1,1-Dichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.7	ug/l	
		Lab Fort Blk. % Rec.	107.8	%	70-130
	1,4-Dioxane	Lab Fort Blank Amt.	100.0	ug/l	
		Lab Fort Blk. Found	79.2	ug/l	
		Lab Fort Blk. % Rec.	79.2	%	40-130
	MTBE	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.7	ug/l	
		Lab Fort Blk. % Rec.	107.0	%	70-130
	trans-1,2-Dichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.5	ug/l	
		Lab Fort Blk. % Rec.	105.4	%	70-130
	Vinyl Chloride	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.8	ug/l	
		Lab Fort Blk. % Rec.	98.2	%	40-160
	Methylene Chloride	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	13.3	ug/l	
		Lab Fort Blk. % Rec.	133.9	%	70-130
	Chlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.0	ug/l	
		Lab Fort Blk. % Rec.	100.3	%	70-130
	Chloromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.7	ug/l	
		Lab Fort Blk. % Rec.	97.6	%	40-160
	Bromomethane	Lab Fort Blank Amt.	10.0	ug/l	

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LFBLANK-92059					
	Bromomethane	Lab Fort Blk. Found	11.7	ug/l	
		Lab Fort Blk. % Rec.	117.7	%	40-160
	Chloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.9	ug/l	
		Lab Fort Blk. % Rec.	99.8	%	70-130
	cis-1,3-Dichloropropene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.4	ug/l	
		Lab Fort Blk. % Rec.	94.8	%	70-130
	trans-1,3-Dichloropropene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.1	ug/l	
		Lab Fort Blk. % Rec.	101.2	%	70-130
	Chlorodibromomethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.2	ug/l	
		Lab Fort Blk. % Rec.	92.1	%	70-130
	1,1,2-Trichloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.3	ug/l	
		Lab Fort Blk. % Rec.	103.8	%	70-130
	Bromoform	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.8	ug/l	
		Lab Fort Blk. % Rec.	88.4	%	70-130
	1,1,2,2-Tetrachloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.1	ug/l	
		Lab Fort Blk. % Rec.	91.9	%	70-130
	2-Chlorotoluene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.9	ug/l	
		Lab Fort Blk. % Rec.	99.3	%	70-130
	Hexachlorobutadiene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	6.5	ug/l	
		Lab Fort Blk. % Rec.	65.0	%	70-130
	Isopropylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.5	ug/l	
		Lab Fort Blk. % Rec.	105.5	%	70-130
	p-Isopropyltoluene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.6	ug/l	
		Lab Fort Blk. % Rec.	96.2	%	70-130
	n-Propylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.7	ug/l	
		Lab Fort Blk. % Rec.	87.7	%	70-130
	sec-Butylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.0	ug/l	
		Lab Fort Blk. % Rec.	90.2	%	70-130
	tert-Butylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.1	ug/l	

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LFBLANK-92059					
	tert-Butylbenzene	Lab Fort Blk. % Rec.	91.6	%	70-130
	1,2,3-Trichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	6.3	ug/l	
		Lab Fort Blk. % Rec.	63.9	%	70-130
	1,2,4-Trichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	5.7	ug/l	
		Lab Fort Blk. % Rec.	57.8	%	70-130
	1,2,4-Trimethylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.8	ug/l	
		Lab Fort Blk. % Rec.	98.7	%	70-130
	1,3,5-Trimethylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.5	ug/l	
		Lab Fort Blk. % Rec.	95.8	%	70-130
	Dibromomethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.8	ug/l	
		Lab Fort Blk. % Rec.	98.4	%	70-130
	cis-1,2-Dichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.6	ug/l	
		Lab Fort Blk. % Rec.	106.8	%	70-130
	4-Chlorotoluene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.6	ug/l	
		Lab Fort Blk. % Rec.	96.3	%	70-130
	1,1-Dichloropropene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.1	ug/l	
		Lab Fort Blk. % Rec.	111.2	%	70-130
	1,2-Dichloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.2	ug/l	
		Lab Fort Blk. % Rec.	102.4	%	70-130
	1,3-Dichloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.0	ug/l	
		Lab Fort Blk. % Rec.	100.8	%	70-130
	2,2-Dichloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.5	ug/l	
		Lab Fort Blk. % Rec.	115.0	%	40-130
	1,1,1,2-Tetrachloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.4	ug/l	
		Lab Fort Blk. % Rec.	94.6	%	70-130
	1,2,3-Trichloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.0	ug/l	
		Lab Fort Blk. % Rec.	80.5	%	70-130
	n-Butylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.3	ug/l	
		Lab Fort Blk. % Rec.	103.7	%	70-130

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-92059					
	Dichlorodifluoromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	7.2	ug/l	
		Lab Fort Blk. % Rec.	72.0	%	40-160
	Bromochloromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.3	ug/l	
		Lab Fort Blk. % Rec.	113.4	%	70-130
	Bromobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.1	ug/l	
		Lab Fort Blk. % Rec.	101.9	%	70-130
	Acrylonitrile	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.1	ug/l	
		Lab Fort Blk. % Rec.	91.8	%	70-130
	Carbon Disulfide	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.7	ug/l	
		Lab Fort Blk. % Rec.	97.1	%	70-130
	2-Hexanone	Lab Fort Blank Amt.	100.0	ug/l	
		Lab Fort Blk. Found	62.4	ug/l	
		Lab Fort Blk. % Rec.	62.4	%	70-160
	trans-1,4-Dichloro-2-Butene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	6.5	ug/l	
		Lab Fort Blk. % Rec.	65.0	%	70-130
	Diethyl Ether	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.4	ug/l	
		Lab Fort Blk. % Rec.	114.6	%	70-130
	Bromodichloromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.6	ug/l	
		Lab Fort Blk. % Rec.	96.8	%	70-130
	1,2-Dibromo-3-Chloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	7.6	ug/l	
		Lab Fort Blk. % Rec.	76.4	%	70-130
	1,2-Dibromoethane	Lab Fort Blank Amt.	10.00	ug/l	
		Lab Fort Blk. Found	9.98	ug/l	
		Lab Fort Blk. % Rec.	99.80	%	70-130
	Tetrahydrofuran	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.2	ug/l	
		Lab Fort Blk. % Rec.	82.0	%	70-130
	tert-Butyl Alcohol	Lab Fort Blank Amt.	100.0	ug/l	
		Lab Fort Blk. Found	67.2	ug/l	
		Lab Fort Blk. % Rec.	67.2	%	40-160
	Diisopropyl Ether	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.0	ug/l	
		Lab Fort Blk. % Rec.	110.8	%	70-130
	tert-Butylethyl Ether	Lab Fort Blank Amt.	10.0	ug/l	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/3/2009 Lims Bat # : LIMT-23411

QC Batch Number: GCMS/VOL-21572

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-92059					
	tert-Butylethyl Ether	Lab Fort Blk. Found	11.6	ug/l	
		Lab Fort Blk. % Rec.	116.5	%	70-130
	tert-Amylmethyl Ether	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.1	ug/l	
		Lab Fort Blk. % Rec.	111.4	%	70-130
	1,3,5-Trichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.5	ug/l	
		Lab Fort Blk. % Rec.	105.1	%	70-130

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Method Blanks

Report Date: 3/3/2009 Lims Bat # : LIMT-23411

QC Batch Number: HG-9886

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-129888					
	Mercury	Blank	<0.00010	mg/l	
LFBLANK-92016					
	Mercury	Lab Fort Blank Amt.	0.00200	mg/l	
		Lab Fort Blk. Found	0.00182	mg/l	
		Lab Fort Blk. % Rec.	91.45000	%	85-115
		Dup Lab Fort Bl Amt.	0.00200	mg/l	
		Dup Lab Fort Bl. Fnd	0.00185	mg/l	
		Dup Lab Fort Bl %Rec	92.85000	%	
		Lab Fort Blank Range	1.39999	units	
		Lab Fort Bl. Av. Rec	92.15000	%	
		LFB Duplicate RPD	1.51926	%	

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Report Date: 3/3/2009 Lims Bat # : LIMT-23411

QC Batch Number: HG-9891

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04963					
	Mercury	Sample Amount	<0.014	mg/kg dry wt	
		Matrix Spk Amt Added	0.263	mg/kg dry wt	
		MS Amt Measured	0.256	mg/kg dry wt	
		Matrix Spike % Rec.	97.249	%	75-125
BLANK-129896					
	Mercury	Blank	<0.025	mg/kg dry wt	
LFBLANK-92021					
	Mercury	Lab Fort Blank Amt.	1.250	mg/kg dry wt	
		Lab Fort Blk. Found	1.221	mg/kg dry wt	
		Lab Fort Blk. % Rec.	97.758	%	65.9-133

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Report Date: 3/3/2009 Lims Bat # : LIMT-23411

QC Batch Number: ICP-21236

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04968					
	Silver	Sample Amount	4.47	mg/kg dry wt	
		Duplicate Value	4.51	mg/kg dry wt	
		Duplicate RPD	0.92	%	0-35
		Sample Amount	4.47	mg/kg dry wt	
		Matrix Spk Amt Added	254.58	mg/kg dry wt	
		MS Amt Measured	217.77	mg/kg dry wt	
		Matrix Spike % Rec.	83.78	%	75-125
	Arsenic	Sample Amount	4.79	mg/kg dry wt	
		Duplicate Value	5.79	mg/kg dry wt	
		Duplicate RPD	18.81	%	0-35
		Sample Amount	4.79	mg/kg dry wt	
		Matrix Spk Amt Added	254.58	mg/kg dry wt	
		MS Amt Measured	263.08	mg/kg dry wt	
		Matrix Spike % Rec.	101.45	%	75-125
	Barium	Sample Amount	178.23	mg/kg dry wt	
		Duplicate Value	162.90	mg/kg dry wt	
		Duplicate RPD	8.98	%	0-35
		Sample Amount	178.23	mg/kg dry wt	
		Matrix Spk Amt Added	254.58	mg/kg dry wt	
		MS Amt Measured	412.21	mg/kg dry wt	
		Matrix Spike % Rec.	91.90	%	75-125
	Beryllium	Sample Amount	0.53	mg/kg dry wt	
		Duplicate Value	0.48	mg/kg dry wt	
		Duplicate RPD	8.38	%	0-35
		Sample Amount	0.53	mg/kg dry wt	
		Matrix Spk Amt Added	254.58	mg/kg dry wt	
		MS Amt Measured	237.28	mg/kg dry wt	
		Matrix Spike % Rec.	92.99	%	75-125
	Cadmium	Sample Amount	0.26	mg/kg dry wt	
		Duplicate Value	0.37	mg/kg dry wt	
		Duplicate RPD	34.07	%	0-35
		Sample Amount	0.26	mg/kg dry wt	
		Matrix Spk Amt Added	254.58	mg/kg dry wt	
		MS Amt Measured	254.24	mg/kg dry wt	
		Matrix Spike % Rec.	99.76	%	75-125
	Chromium	Sample Amount	19.69	mg/kg dry wt	
		Duplicate Value	19.32	mg/kg dry wt	
		Duplicate RPD	1.89	%	0-35
		Sample Amount	19.69	mg/kg dry wt	
		Matrix Spk Amt Added	254.58	mg/kg dry wt	
		MS Amt Measured	258.86	mg/kg dry wt	
		Matrix Spike % Rec.	93.94	%	75-125
	Copper	Sample Amount	350.07	mg/kg dry wt	

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BATCH QC: Lab fortified Blanks and Duplicates
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Method Blanks

Report Date: 3/3/2009 Lims Bat # : LIMT-23411

QC Batch Number: ICP-21236

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04968					
	Copper	Duplicate Value	452.51	mg/kg dry wt	
		Duplicate RPD	25.52	%	0-35
		Sample Amount	350.07	mg/kg dry wt	
		Matrix Spk Amt Added	254.58	mg/kg dry wt	
		MS Amt Measured	577.54	mg/kg dry wt	
		Matrix Spike % Rec.	89.35	%	75-125
	Nickel	Sample Amount	72.70	mg/kg dry wt	
		Duplicate Value	81.46	mg/kg dry wt	
		Duplicate RPD	11.35	%	0-35
		Sample Amount	72.70	mg/kg dry wt	
		Matrix Spk Amt Added	254.58	mg/kg dry wt	
		MS Amt Measured	307.90	mg/kg dry wt	
		Matrix Spike % Rec.	92.38	%	75-125
	Lead	Sample Amount	129.14	mg/kg dry wt	
		Duplicate Value	141.22	mg/kg dry wt	
		Duplicate RPD	8.93	%	0-35
		Sample Amount	129.14	mg/kg dry wt	
		Matrix Spk Amt Added	254.58	mg/kg dry wt	
		MS Amt Measured	355.84	mg/kg dry wt	
		Matrix Spike % Rec.	89.04	%	75-125
	Antimony	Sample Amount	<4.08	mg/kg dry wt	
		Matrix Spk Amt Added	254.58	mg/kg dry wt	
		MS Amt Measured	242.47	mg/kg dry wt	
		Matrix Spike % Rec.	95.24	%	75-125
	Selenium	Sample Amount	<5.10	mg/kg dry wt	
		Matrix Spk Amt Added	254.58	mg/kg dry wt	
		MS Amt Measured	237.79	mg/kg dry wt	
		Matrix Spike % Rec.	93.40	%	75-125
	Thallium	Sample Amount	<3.06	mg/kg dry wt	
		Matrix Spk Amt Added	254.58	mg/kg dry wt	
		MS Amt Measured	244.45	mg/kg dry wt	
		Matrix Spike % Rec.	96.02	%	75-125
	Vanadium	Sample Amount	39.11	mg/kg dry wt	
		Duplicate Value	40.18	mg/kg dry wt	
		Duplicate RPD	2.69	%	0-35
		Sample Amount	39.11	mg/kg dry wt	
		Matrix Spk Amt Added	254.58	mg/kg dry wt	
		MS Amt Measured	285.19	mg/kg dry wt	
		Matrix Spike % Rec.	96.66	%	75-125
	Zinc	Sample Amount	143.52	mg/kg dry wt	
		Duplicate Value	160.83	mg/kg dry wt	
		Duplicate RPD	11.37	%	0-35
		Sample Amount	143.52	mg/kg dry wt	

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Method Blanks

Report Date: 3/3/2009 Lims Bat # : LIMT-23411

QC Batch Number: ICP-21236

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04968					
	Zinc	Matrix Spk Amt Added	254.58	mg/kg dry wt	
		MS Amt Measured	380.49	mg/kg dry wt	
		Matrix Spike % Rec.	93.08	%	75-125
BLANK-130007					
	Silver	Blank	<0.50	mg/kg dry wt	
	Arsenic	Blank	<2.50	mg/kg dry wt	
	Barium	Blank	<5.00	mg/kg dry wt	
	Beryllium	Blank	<0.25	mg/kg dry wt	
	Cadmium	Blank	<0.25	mg/kg dry wt	
	Chromium	Blank	<0.50	mg/kg dry wt	
	Copper	Blank	<0.50	mg/kg dry wt	
	Nickel	Blank	<0.50	mg/kg dry wt	
	Lead	Blank	<0.75	mg/kg dry wt	
	Antimony	Blank	<4.00	mg/kg dry wt	
	Selenium	Blank	<5.00	mg/kg dry wt	
	Thallium	Blank	<3.00	mg/kg dry wt	
	Vanadium	Blank	<5.00	mg/kg dry wt	
	Zinc	Blank	1.12	mg/kg dry wt	
LFBLANK-92146					
	Silver	Lab Fort Blank Amt.	62.40	mg/kg dry wt	
		Lab Fort Blk. Found	49.65	mg/kg dry wt	
		Lab Fort Blk. % Rec.	79.56	%	66-133
		Dup Lab Fort Bl Amt.	62.40	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	50.50	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	80.92	%	66-133
		Lab Fort Blank Range	1.36	units	
		Lab Fort Bl. Av. Rec	80.24	%	
		LFB Duplicate RPD	1.69	%	0-30
	Arsenic	Lab Fort Blank Amt.	123.00	mg/kg dry wt	
		Lab Fort Blk. Found	115.45	mg/kg dry wt	
		Lab Fort Blk. % Rec.	93.86	%	80-120
		Dup Lab Fort Bl Amt.	123.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	116.48	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	94.69	%	80-120
		Lab Fort Blank Range	0.83	units	
		Lab Fort Bl. Av. Rec	94.28	%	
		LFB Duplicate RPD	0.88	%	0-30
	Barium	Lab Fort Blank Amt.	256.00	mg/kg dry wt	
		Lab Fort Blk. Found	226.75	mg/kg dry wt	
		Lab Fort Blk. % Rec.	88.57	%	81-119
		Dup Lab Fort Bl Amt.	256.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	231.94	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	90.60	%	81-119

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Method Blanks

Report Date: 3/3/2009 Lims Bat # : LIMT-23411

QC Batch Number: ICP-21236

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-92146					
	Barium	Lab Fort Blank Range	2.02	units	
		Lab Fort Bl. Av. Rec	89.58	%	
		LFB Duplicate RPD	2.26	%	0-30
	Beryllium	Lab Fort Blank Amt.	75.90	mg/kg dry wt	
		Lab Fort Blk. Found	74.20	mg/kg dry wt	
		Lab Fort Blk. % Rec.	97.77	%	84-116
		Dup Lab Fort Bl Amt.	75.90	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	74.34	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	97.95	%	84-116
		Lab Fort Blank Range	0.18	units	
		Lab Fort Bl. Av. Rec	97.86	%	
		LFB Duplicate RPD	0.18	%	0-30
	Cadmium	Lab Fort Blank Amt.	258.00	mg/kg dry wt	
		Lab Fort Blk. Found	265.77	mg/kg dry wt	
		Lab Fort Blk. % Rec.	103.01	%	83-117
		Dup Lab Fort Bl Amt.	258.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	251.75	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	97.57	%	83-117
		Lab Fort Blank Range	5.43	units	
		Lab Fort Bl. Av. Rec	100.29	%	
		LFB Duplicate RPD	5.41	%	0-30
	Chromium	Lab Fort Blank Amt.	138.00	mg/kg dry wt	
		Lab Fort Blk. Found	135.02	mg/kg dry wt	
		Lab Fort Blk. % Rec.	97.84	%	82-118
		Dup Lab Fort Bl Amt.	138.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	129.19	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	93.62	%	82-118
		Lab Fort Blank Range	4.21	units	
		Lab Fort Bl. Av. Rec	95.73	%	
		LFB Duplicate RPD	4.40	%	0-30
	Copper	Lab Fort Blank Amt.	122.00	mg/kg dry wt	
		Lab Fort Blk. Found	115.02	mg/kg dry wt	
		Lab Fort Blk. % Rec.	94.27	%	83-117
		Dup Lab Fort Bl Amt.	122.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	114.07	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	93.50	%	83-117
		Lab Fort Blank Range	0.77	units	
		Lab Fort Bl. Av. Rec	93.88	%	
		LFB Duplicate RPD	0.82	%	
	Nickel	Lab Fort Blank Amt.	111.00	mg/kg dry wt	
		Lab Fort Blk. Found	109.89	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.00	%	80-120
		Dup Lab Fort Bl Amt.	111.00	mg/kg dry wt	

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Report Date: 3/3/2009 Lims Bat # : LIMT-23411

QC Batch Number: ICP-21236

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-92146					
	Nickel	Dup Lab Fort Bl. Fnd	106.03	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	95.52	%	80-120
		Lab Fort Blank Range	3.47	units	
		Lab Fort Bl. Av. Rec	97.26	%	
		LFB Duplicate RPD	3.57	%	0-30
	Lead	Lab Fort Blank Amt.	136.00	mg/kg dry wt	
		Lab Fort Blk. Found	120.68	mg/kg dry wt	
		Lab Fort Blk. % Rec.	88.73	%	82-118
		Dup Lab Fort Bl Amt.	136.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	118.57	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	87.18	%	82-118
		Lab Fort Blank Range	1.55	units	
		Lab Fort Bl. Av. Rec	87.95	%	
		LFB Duplicate RPD	1.76	%	0-30
	Antimony	Lab Fort Blank Amt.	138.00	mg/kg dry wt	
		Lab Fort Blk. Found	106.46	mg/kg dry wt	
		Lab Fort Blk. % Rec.	77.14	%	30-207
		Dup Lab Fort Bl Amt.	138.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	103.91	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	75.29	%	30-207
		Lab Fort Blank Range	1.84	units	
		Lab Fort Bl. Av. Rec	76.22	%	
		LFB Duplicate RPD	2.42	%	0-30
	Selenium	Lab Fort Blank Amt.	199.00	mg/kg dry wt	
		Lab Fort Blk. Found	190.34	mg/kg dry wt	
		Lab Fort Blk. % Rec.	95.64	%	77-123
		Dup Lab Fort Bl Amt.	199.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	184.42	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	92.67	%	77-123
		Lab Fort Blank Range	2.97	units	
		Lab Fort Bl. Av. Rec	94.16	%	
		LFB Duplicate RPD	3.15	%	0-30
	Thallium	Lab Fort Blank Amt.	297.00	mg/kg dry wt	
		Lab Fort Blk. Found	294.10	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.02	%	82-120
		Dup Lab Fort Bl Amt.	297.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	281.36	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	94.73	%	82-120
		Lab Fort Blank Range	4.28	units	
		Lab Fort Bl. Av. Rec	96.87	%	
		LFB Duplicate RPD	4.42	%	0-30
	Vanadium	Lab Fort Blank Amt.	158.00	mg/kg dry wt	
		Lab Fort Blk. Found	156.30	mg/kg dry wt	

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Report Date: 3/3/2009 Lims Bat # : LIMT-23411

QC Batch Number: ICP-21236

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-92146					
	Vanadium	Lab Fort Blk. % Rec.	98.92	%	80-120
		Dup Lab Fort Bl Amt.	158.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	149.96	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	94.91	%	80-120
		Lab Fort Blank Range	4.01	units	
		Lab Fort Bl. Av. Rec	96.91	%	
		LFB Duplicate RPD	4.14	%	0-30
	Zinc	Lab Fort Blank Amt.	314.00	mg/kg dry wt	
		Lab Fort Blk. Found	300.05	mg/kg dry wt	
		Lab Fort Blk. % Rec.	95.55	%	81-119
		Dup Lab Fort Bl Amt.	314.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	296.05	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	94.28	%	81-119
		Lab Fort Blank Range	1.27	units	
		Lab Fort Bl. Av. Rec	94.92	%	
		LFB Duplicate RPD	1.34	%	0-30

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QUALITY CONTROL DEFINITIONS AND ABBREVIATIONS

QC BATCH NUMBER	This is the number assigned to all samples analyzed together that would be subject to comparison with a particular set of Quality Control Data.
LIMITS	Upper and Lower Control Limits for the QC ANALYSIS Reported. All values normally would fall within these statistically determined limits, unless there is an unusual circumstance that would be documented in a NOTE appearing on the last page of the QC SUMMARY REPORT. Not all QC results will have Limits defined.
Sample Amount	Amount of analyte found in a sample.
Blank	Method Blank that has been taken though all the steps of the analysis.
LFBLANK	Laboratory Fortified Blank (a control sample)
STDADD	Standard Added (a laboratory control sample)
Matrix Spk Amt Added	Amount of analyte spiked into a sample
MS Amt Measured	Amount of analyte found including amount that was spiked
Matrix Spike % Rec.	% Recovery of spiked amount in sample.
Duplicate Value	The result from the Duplicate analysis of the sample.
Duplicate RPD	The Relative Percent Difference between two Duplicate Analyses.
Surrogate Recovery	The % Recovery for non-environmental compounds (surrogates) spiked into samples to determine the performance of the analytical methods.
Sur. Recovery (ELCD)	Surrogate Recovery on the Electrolytic Conductivity Detector.
Sur. Recovery (PID)	Surrogate Recovery on the Photoionization Detector.
Standard Measured	Amount measured for a laboratory control sample
Standard Amt Added	Known value for a laboratory control sample
Standard % Recovery	% recovered for a laboratory control sample with a known value.
Lab Fort Blank Amt	Laboratory Fortified Blank Amount Added
Lab Fort Blk. Found	Laboratory Fortified Blank Amount Found
Lab Fort Blk % Rec	Laboratory Fortified Blank % Recovered
Dup Lab Fort Bl Amt	Duplicate Laboratory Fortified Blank Amount Added
Dup Lab Fort Bl Fnd	Duplicate Laboratory Fortified Blank Amount Found
Dup Lab Fort Bl % Rec	Duplicate Laboratory Fortified Blank % Recovery
Lab Fort Blank Range	Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified Blank Duplicate).
Lab Fort Bl. Av. Rec.	Laboratory Fortified Blank Average Recovery
Duplicate Sample Amt	Sample Value for Duplicate used with Matrix Spike Duplicate
MSD Amount Added	Matrix Spike Duplicate Amount Added (Spiked)
MSD Amt Measured	Matrix Spike Duplicate Amount Measured
MSD % Recovery	Matrix Spike Duplicate % Recovery
MSD Range	Absolute difference between Matrix Spike and Matrix Spike Duplicate Recoveries

REASONABLE CONFIDENCE PROTOCOL

LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory *Client:* METCALF & EDDY

Project Location: FACTORY H MERIDEN *Project Number:* LIMT-23411

Laboratory Sample ID(s): 09B04958-09B04971 *Sampling Date(s):* 2/19/09

List RCP Methods Used (e.g., 8260, 8270, et cetera) 6020, 8260, 9014, ETPH, 7470, 6010, 7471, 8270

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 or 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° C°)?	☒Yes ☐No ☐N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	☒Yes ☐No ☒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: Edward Denson **Position: Technical Director**

Printed Name: Edward Denson **Date:** 3/3/09

Name of Laboratory: CON-TEST ANALYTICAL LABORATORY

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

con-test® ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

Limt-83411

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: AECOM
Address: 500 ENTERPRISE DR
SUITE 1A ROCKY HILL CT
Attention: SPRIHALA / J BONDOS
Project Location: FACTORY H MELDEN
Sampled By: SPRIHALA

Telephone: (860) 263 5800
Project # 60073489
Client PO #

DATA DELIVERY (check one):
☐ FAX ☐ EMAIL ☒ WEBSITE CLIENT
Fax # :
Email:
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY
☐ OTHER

Proposal Provided? (For Billing purposes) ☒ yes 11/08 proposal date

State Form Required? ☐ yes ☒ no

ANALYSIS REQUESTED

Field ID	Sample Description	Lab # 09B	Date Sampled Start Date/Time	Date Sampled Stop Date/Time	Comp-osite	Grab	*Matrix Code	Conc. Code	VOCs 8260	PAHs	RCRA 8 METALS	CT DEP 15 METALS	ETPH (CT DEP)	CYANIDE	#GLASS JARS 8oz or 4oz							# of containers
									3													# of containers
									W/O	I	→											**Preservation
									V	G	→											~Cont.Code
	ME-SB-01 0.5-1.5'	04958	2-19-09	1145		X	S	U	X	X	X		X	X	2							
	ME-SB-01 8-9'	04959		1155		X			X	X	X	X	X	X	2							
	ME-SB-01 11.5-12.5	04960		210		X			H	→				→	2							
	ME-SB-02 1-2'	04960		220		X			X	X	X		X	X	1							
	ME-SB-02 8-9'	04961		230		X			X	X	X		X	X	2							
	ME-SB-02 9-10'	~~04963~~		240		X			H	→				→	2							
	ME-~~MW~~-02 0.5-1.5'	~~04964~~		840		X			H	→				→	2							
	ME-MW-02 4.5-5'	04962	2-19-09	855		X	S	U	X	X		X	X	X	1							

Cont. Code: A=amber glass, G=glass, P=plastic, ST=sterile, V=vial, S=summa can, T=tedlar bag, O=Other

Client Comments: H = HOLD SAMPLE FOR FUTURE ACTIVATION

DI VIALS / ENCORE FROZEN AT: 02-20-09 14:52 OU

Laboratory 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) Sprihala	Date/Time: 2-19-09 4:30	
Received by: (signature) Holly Folsom	Date/Time: 2/20/09 12:50pm	
Relinquished by: (signature) Holly Folsom	Date/Time: 2/20/09 14:22	
Received by: (signature) [illegible] Temp 5C	Date/Time: 2/20/09 14:22	

Turnaround **
☒ 5-Day ☒ 1-Day
☐ 10-Day
☐ Other ____
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? GAPMC RCL
Data Enhancement Project/RCP? ☒ Y ☐ N
Special Requirements or DL's: RSRS

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other DI H2O
X = Na hydroxide
T = Na thiosulfate

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

Limit- 23411

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: AECOM
Address: ROCKY HILL
Attention: SHAHCA / SBANDOS
Project Location: FACTORY H - MELROSE
Sampled By: SMP

Telephone: (860) 263 5800
Project # 60073489
Client PO #

DATA DELIVERY (check one):
☐ FAX ☐ EMAIL ☒ WEBSITE CLIENT
Fax # :
Email:
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY
☐ OTHER

Proposal Provided? (For Billing purposes) ☒ yes 11/08 proposal date
State Form Required? ☐ yes ☒ no

ANALYSIS REQUESTED

Field ID	Sample Description	Lab # 09B	Date Sampled Start Date/Time	Date Sampled Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	VOCs 8260	PAHs	RCRA 8 METALS	CTDEP 15 METALS	CT ETPH	CYANIDE	HGLASS/ARS 8021 4012					
									3											# of containers
									W/O	I	→									**Preservation
									V	G	→			7						-Cont.Code
	ME-MW-02 8.5-9.5'		2-19-09	9:15		X	S	U	H	→				→	2					
	ME-MW-02 13-14'	04863		9:25		X			X	X	X		X	X	2					
	ME-SB-03 1-2'	04864		11:55		X			X	X	X	X	X	X	2					
	ME-SB-03 7.5-8.5'	04865		12:10		X			X	X	X	X	X	X	2					
	ME-SB-04 0-1'	04866		11:00		X			X	X	X		X	X	2					
	ME-SB-04 4-5'			11:10		X				H	→			→	1					
	ME-SB-04 8-9'	04867		11:20		X	V	V	X	X	X		X	X	2					
	ME-SB-04 12.5-13.5		2-19-09	11:35		X	S	U	H	→				→	2					

Client Comments:
H=HOLD FOR FUTURE ACTIVATION

FROZEN AT: 02-20-09 14:15

Laboratory 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: 2-19-09 4:30
Received by: (signature)	Date/Time: 2/20/09 12:50pm
Relinquished by: (signature)	Date/Time: 2/20/09 14:22
Received by: (signature) Temp 5°	Date/Time: 2/20/09 14:22

Turnaround **
☒ 5 Day
☐ 10-Day
☐ Other
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? GA PWC / RES
Data Enhancement Project/RCP? ☐ Y ☐ N
Special Requirements or DL's: PSRS

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other DI H2O
X = Na hydroxide
T = Na thiosulfate

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

Limit-23411

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: AECOM
Address: ROCKY HILL
Attention: SPALHACA / SBONDOS
Project Location: FACTORY H - MELIDEN
Sampled By: SPALHACA

Telephone: (860) 263 5800
Project # 60073489
Client PO #

DATA DELIVERY (check one):
☐ FAX ☐ EMAIL ☒ WEBSITE CLIENT
Fax # :
Email:
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY
☐ OTHER

Proposal Provided? (For Billing purposes) ☒ yes 11/08 proposal date

State Form Required? ☐ yes ☒ no

ANALYSIS REQUESTED

Field ID	Sample Description	Lab # 09B	Date Sampled Start Date/Time	Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	VOCs 8260	PAHs	RCRA 8 METALS	CTDEP 15 METALS	CTETPH	CYANIDE	#GLASS JARS 8oz 4oz
	ME-SB-05 0.5-1.5'	04968		1:20		X	S	U	X	X	X	X	X	X	1
	ME-SB-05 5.5-6'	04969		1:30		X	S	U	X	X	X	X	X	X	1
	TB 021909	04970		—				C	X						NA
	EB 021909	04971		5:00		X	O	C	X	X		X	X	X	

# of containers	3											
**Preservation	MeOH	I										
~Cont. Code	V	G										

~Cont. Code: A=amber glass, G=glass, P=plastic, ST=sterile, V=vial, S=summa can, T=tedlar bag, O=other

Client Comments: EB = 2 VIALS 3 NITRIC 1 NaOH 4 TEMPERS

DL VIALS / ENCORE FROZEN AT: 02-20-09 14:52

Laboratory 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: 2-19-09 4:30	
Received by: (signature)	Date/Time: 2/20/09 12:50pm	
Relinquished by: (signature)	Date/Time: 2/20/09 14:22	
Received by: (signature)	Date/Time: 2/20/09 14:22	Temp 5C

Turnaround **
☒ 5-Day
☐ 10-Day
☐ Other
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? GAPMC RCS
Data Enhancement Project/RCP? ☒ Y ☐ N
Special Requirements or DL's: RSRS

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other LAB DI

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other
X = Na hydroxide
T = Na thiosulfate

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

Sample Receipt Checklist

CLIENT NAME: AECom RECEIVED BY: KD DATE: 2/20/09

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

Temperature °C by Temp blank 5C 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: 19D

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved

Client Signature: _____

Containers sent in to Con-Test

	# of containers		# of containers
1 Liter Amber	4	8 oz clear jar	17
500 mL Amber		4 oz clear jar	15
250 mL Amber (8oz amber)		2 oz clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic	1	Plastic Bag / Ziploc	
250 mL plastic	3	Air Cassette	
40 mL Vial - type listed below	56	Brass Sleeves	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Summa Cans	
Flashpoint bottle		Regulators	
Encore		Other	

DI VIALS / ENCORE FROZEN AT: 02-20-09 14:52 001

Laboratory Comments:

40 mL vials: # HCl 2 # Methanol 18

Bisulfate _____ # DI Water 36 Time and Date Frozen: _____

Thiosulfate _____ Unpreserved _____

Do all samples have the proper pH? Yes No N/A pH<2 T-CN: Ph<12

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

REPORT DATE 3/12/2009

AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067
ATTN: SARAH PERHALA

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23695
JOB NUMBER: 60073489

PROJECT LOCATION: FACTORY H MERIDEN

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST	Subcontract Lab (if any) Cert. Nos.
ME-SB-01(0.5-1.5 F	09B06570	SOIL	Not Specified	splp - pah	
ME-SS-02(0-1 FT)	09B06571	SOIL	Not Specified	splp - pah	
ME-SS-06(0-1 FT)	09B06572	SOIL	Not Specified	splp - pah	

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ANALYTICAL LABORATORY

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

REPORT DATE 3/12/2009

AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067
ATTN: SARAH PERHALA

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23695
JOB NUMBER: 60073489

Comments :

LIMS BATCH NO. : LIMT-23695

CASE NARRATIVE SUMMARY

Recommended sample holding times were not exceeded for all samples analyzed by method(s) listed unless listed below:
In method 8270-SPLP for samples 09B06571 and 09B06572, recommended sample holding time has been exceeded. SPLP extractions for PAH analysis were performed on the 16th day after sampling.

All samples for the method(s) listed were received preserved properly in the proper containers at 4 degrees C +/- 2 degrees as specified on the chain-of-custody form unless listed below:
All properly preserved

In method 8270-SPLP, the benzidine tailing factor was outside of method specifications. Reduced sensitivity and resolution is expected for some base/neutral compounds.

In method 8270-SPLP ,any reported result for Indeno(1,2,3)pyrene, Dibenz(a,h)anthracene or Benzo(g,h,i)perylene is estimated and likely to be biased on the low side based on continuing calibration bias.

There are no (other) issues which affect the usability of the data.

DETAILED CASE NARRATIVE

METHOD SW846 8270 WATER - SPLP - ADDITIONAL COMMENTS

The tuning, initial, and continuing calibrations met all required performance standards for method 8270 except as listed below:

In method 8270- SPLP, data is not affected by continuing calibration check compound, pentachlorophenol, being outside of method requirements since only PAH compounds were requested and reported.

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
Compounds outside of control limits:
None outside of control limits

All 8270 MS and MSD recoveries, sample duplicate RPD's, and MSD RPD's, if requested in this batch, were within control limits specified by the method unless listed below:
Matrix spike was performed and reported on sample 09B06571.

All RCP analyte list compounds were reported for method 8270 unless listed below:
In method 8270, only PAH compounds were requested and reported.

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

REPORT DATE 3/12/2009

AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067
ATTN: SARAH PERHALA

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23695
JOB NUMBER: 60073489

The results of analyses performed are based on samples as submitted to the laboratory and relate only to the items collected and tested.

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations. AIHA accreditations only apply to NIOSH methods and Environmental Lead Analyses.

AIHA 100033	AIHA ELLAP (LEAD) 100033	NORTH CAROLINA CERT. # 652
MASSACHUSETTS MA0100	NEW HAMPSHIRE NELAP 2516	NEW JERSEY NELAP NJ MA007 (AIR)
CONNECTICUT PH-0567	VERMONT DOH (LEAD) No. LL015036	FLORIDA DOH E871027 (AIR)
NEW YORK ELAP/NELAP 10899	RHODE ISLAND (LIC. No. 112)	

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

Edward Denson 3/12/09
SIGNATURE DATE

Tod Kopyscinski
Air Laboratory Manager

Michael Erickson
Assistant Laboratory Director

Edward Denson
Technical Director

Daren Damboragian
Organics Department Supervisor

* See end of data tabulation for notes and comments pertaining to this sample

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ANALYTICAL LABORATORY
39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

SARAH PERHALA
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/12/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 3/5/2009
Field Sample # : ME-SB-01(0.5-1.5 FT

LIMS-BAT #: LIMT-23695
Job Number: 60073489

Sample ID : 09B06570

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	ug/l	ND	03/10/09	BGL	0.30			
Acenaphthylene	ug/l	ND	03/10/09	BGL	0.30			
Anthracene	ug/l	0.20	03/10/09	BGL	0.20			
Benzo(a)anthracene	ug/l	0.210	03/10/09	BGL	0.050			
Benzo(a)pyrene	ug/l	0.200	03/10/09	BGL	0.100			
Benzo(b)fluoranthene	ug/l	0.200	03/10/09	BGL	0.050			
Benzo(g,h,i)perylene	ug/l	ND	03/10/09	BGL	0.500			
Benzo(k)fluoranthene	ug/l	ND	03/10/09	BGL	0.200			
Chrysene	ug/l	ND	03/10/09	BGL	0.20			
Dibenz(a,h)anthracene	ug/l	ND	03/10/09	BGL	0.200			
Fluoranthene	ug/l	ND	03/10/09	BGL	0.50			
Fluorene	ug/l	ND	03/10/09	BGL	1.00			
Indeno(1,2,3-cd)pyrene	ug/l	ND	03/10/09	BGL	0.200			
2-Methylnaphthalene	ug/l	ND	03/10/09	BGL	1.00			
Naphthalene	ug/l	ND	03/10/09	BGL	1.00			
Phenanthrene	ug/l	0.56	03/10/09	BGL	0.05			
Pyrene	ug/l	ND	03/10/09	BGL	1.00			

Analytical Method:
SW846 1312/8270
SAMPLES ARE LEACHED FOR 16-20 HOURS IN THE APPROPRIATE LEACHING SOLUTION ACCORDING TO SPLP. WATER SAMPLES ARE FILTERED, NOT EXTRACTED. THIS EXTRACT IS THEN EXTRACTED WITH METHYLENE CHLORIDE, FOLLOWED BY KUDERNA-DANISH EVAPORATIVE CONCENTRATION AND QUANTITATION BY GC/MS WITH TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

‡ = See attached chain-of-custody record for time sampled

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ANALYTICAL LABORATORY
39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

SARAH PERHALA
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/12/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 3/5/2009
Field Sample # : ME-SS-02(0-1 FT)
Sample ID : 09B06571
‡Sampled : 2/17/2009
Not Specified
Sample Matrix: SOIL

LIMS-BAT #: LIMT-23695
Job Number: 60073489

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	ug/l	ND	03/10/09	BGL	0.30			
Acenaphthylene	ug/l	0.30	03/10/09	BGL	0.30			
Anthracene	ug/l	0.21	03/10/09	BGL	0.20			
Benzo(a)anthracene	ug/l	0.610	03/10/09	BGL	0.050			
Benzo(a)pyrene	ug/l	0.390	03/10/09	BGL	0.100			
Benzo(b)fluoranthene	ug/l	0.650	03/10/09	BGL	0.050			
Benzo(g,h,i)perylene	ug/l	ND	03/10/09	BGL	0.500			
Benzo(k)fluoranthene	ug/l	ND	03/10/09	BGL	0.200			
Chrysene	ug/l	0.49	03/10/09	BGL	0.20			
Dibenz(a,h)anthracene	ug/l	ND	03/10/09	BGL	0.200			
Fluoranthene	ug/l	1.18	03/10/09	BGL	0.50			
Fluorene	ug/l	ND	03/10/09	BGL	1.00			
Indeno(1,2,3-cd)pyrene	ug/l	ND	03/10/09	BGL	0.200			
2-Methylnaphthalene	ug/l	ND	03/10/09	BGL	1.00			
Naphthalene	ug/l	ND	03/10/09	BGL	1.00			
Phenanthrene	ug/l	1.66	03/10/09	BGL	0.05			
Pyrene	ug/l	1.14	03/10/09	BGL	1.00			

Analytical Method:
SW846 1312/8270
SAMPLES ARE LEACHED FOR 16-20 HOURS IN THE APPROPRIATE LEACHING SOLUTION ACCORDING TO SPLP. WATER SAMPLES ARE FILTERED, NOT EXTRACTED. THIS EXTRACT IS THEN EXTRACTED WITH METHYLENE CHLORIDE, FOLLOWED BY KUDERNA-DANISH EVAPORATIVE CONCENTRATION AND QUANTITATION BY GC/MS WITH TARGET COMPOUND ANALYSIS.

RL = Reporting Limit
ND = Not Detected at or above the Reporting Limit
NM = Not Measured
* = See end of report for comments and notes applying to this sample
‡ = See attached chain-of-custody record for time sampled

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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SARAH PERHALA
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/12/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 3/5/2009
Field Sample # : ME-SS-06(0-1 FT)

LIMS-BAT #: LIMT-23695
Job Number: 60073489

Sample ID : 09B06572

‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	ug/l	ND	03/10/09	BGL	0.30			
Acenaphthylene	ug/l	ND	03/10/09	BGL	0.30			
Anthracene	ug/l	ND	03/10/09	BGL	0.20			
Benzo(a)anthracene	ug/l	ND	03/10/09	BGL	0.050			
Benzo(a)pyrene	ug/l	ND	03/10/09	BGL	0.100			
Benzo(b)fluoranthene	ug/l	ND	03/10/09	BGL	0.050			
Benzo(g,h,i)perylene	ug/l	ND	03/10/09	BGL	0.500			
Benzo(k)fluoranthene	ug/l	ND	03/10/09	BGL	0.200			
Chrysene	ug/l	ND	03/10/09	BGL	0.20			
Dibenz(a,h)anthracene	ug/l	ND	03/10/09	BGL	0.200			
Fluoranthene	ug/l	ND	03/10/09	BGL	0.50			
Fluorene	ug/l	ND	03/10/09	BGL	1.00			
Indeno(1,2,3-cd)pyrene	ug/l	ND	03/10/09	BGL	0.200			
2-Methylnaphthalene	ug/l	ND	03/10/09	BGL	1.00			
Naphthalene	ug/l	ND	03/10/09	BGL	1.00			
Phenanthrene	ug/l	ND	03/10/09	BGL	0.05			
Pyrene	ug/l	ND	03/10/09	BGL	1.00			

Analytical Method:
SW846 1312/8270
SAMPLES ARE LEACHED FOR 16-20 HOURS IN THE APPROPRIATE LEACHING SOLUTION ACCORDING TO SPLP. WATER SAMPLES ARE FILTERED, NOT EXTRACTED. THIS EXTRACT IS THEN EXTRACTED WITH METHYLENE CHLORIDE, FOLLOWED BY KUDERNA-DANISH EVAPORATIVE CONCENTRATION AND QUANTITATION BY GC/MS WITH TARGET COMPOUND ANALYSIS.

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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

‡ = See attached chain-of-custody record for time sampled

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SARAH PERHALA
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/12/2009

Purchase Order No.:

Project Location: FACTORY H MERIDEN
Date Received: 3/5/2009

LIMS-BAT #: LIMT-23695
Job Number: 60073489

** END OF REPORT **

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

* = See end of report for comments and notes applying to this sample

‡ = See attached chain-of-custody record for time sampled

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/12/2009 Lims Bat # : LIMT-23695

QC Batch Number: GCMS/SEMI-12017

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B06570					
	Nitrobenzene-d5	Surrogate Recovery	89.8	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	79.5	%	30-130
	Terphenyl-d14	Surrogate Recovery	88.9	%	30-130
09B06571					
	Naphthalene	Sample Amount	<1.00	ug/l	
		Matrix Spk Amt Added	100.00	ug/l	
		MS Amt Measured	59.36	ug/l	
		Matrix Spike % Rec.	59.36	%	40-140
	Acenaphthene	Sample Amount	<0.30	ug/l	
		Matrix Spk Amt Added	100.00	ug/l	
		MS Amt Measured	59.81	ug/l	
		Matrix Spike % Rec.	59.81	%	40-140
	Acenaphthylene	Sample Amount	0.30	ug/l	
		Matrix Spk Amt Added	100.00	ug/l	
		MS Amt Measured	58.20	ug/l	
		Matrix Spike % Rec.	57.90	%	40-140
	Anthracene	Sample Amount	0.21	ug/l	
		Matrix Spk Amt Added	100.00	ug/l	
		MS Amt Measured	65.83	ug/l	
		Matrix Spike % Rec.	65.62	%	40-140
	Benzo(a)anthracene	Sample Amount	0.610	ug/l	
		Matrix Spk Amt Added	100.000	ug/l	
		MS Amt Measured	71.890	ug/l	
		Matrix Spike % Rec.	71.280	%	40-140
	Benzo(a)pyrene	Sample Amount	0.390	ug/l	
		Matrix Spk Amt Added	100.000	ug/l	
		MS Amt Measured	75.420	ug/l	
		Matrix Spike % Rec.	75.030	%	40-140
	Benzo(b)fluoranthene	Sample Amount	0.650	ug/l	
		Matrix Spk Amt Added	100.000	ug/l	
		MS Amt Measured	76.500	ug/l	
		Matrix Spike % Rec.	75.850	%	40-140
	Benzo(g,h,i)perylene	Sample Amount	<0.500	ug/l	
		Matrix Spk Amt Added	100.000	ug/l	
		MS Amt Measured	60.940	ug/l	
		Matrix Spike % Rec.	60.940	%	40-140
	Chrysene	Sample Amount	0.49	ug/l	
		Matrix Spk Amt Added	100.00	ug/l	
		MS Amt Measured	73.31	ug/l	
		Matrix Spike % Rec.	72.81	%	40-140
	Dibenz(a,h)anthracene	Sample Amount	<0.200	ug/l	
		Matrix Spk Amt Added	100.000	ug/l	
		MS Amt Measured	68.660	ug/l	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/12/2009 Lims Bat # : LIMT-23695

QC Batch Number: GCMS/SEMI-12017

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B06571					
	Dibenz(a,h)anthracene	Matrix Spike % Rec.	68.660	%	40-140
	Fluoranthene	Sample Amount	1.18	ug/l	
		Matrix Spk Amt Added	100.00	ug/l	
		MS Amt Measured	69.94	ug/l	
		Matrix Spike % Rec.	68.76	%	40-140
	Fluorene	Sample Amount	<1.00	ug/l	
		Matrix Spk Amt Added	100.00	ug/l	
		MS Amt Measured	66.12	ug/l	
		Matrix Spike % Rec.	66.12	%	40-140
	Indeno(1,2,3-cd)pyrene	Sample Amount	<0.200	ug/l	
		Matrix Spk Amt Added	100.000	ug/l	
		MS Amt Measured	68.020	ug/l	
		Matrix Spike % Rec.	68.020	%	40-140
	2-Methylnaphthalene	Sample Amount	<1.00	ug/l	
		Matrix Spk Amt Added	100.00	ug/l	
		MS Amt Measured	55.14	ug/l	
		Matrix Spike % Rec.	55.14	%	40-140
	Phenanthrene	Sample Amount	1.66	ug/l	
		Matrix Spk Amt Added	100.00	ug/l	
		MS Amt Measured	69.66	ug/l	
		Matrix Spike % Rec.	68.00	%	40-140
	Pyrene	Sample Amount	1.13	ug/l	
		Matrix Spk Amt Added	100.00	ug/l	
		MS Amt Measured	71.84	ug/l	
		Matrix Spike % Rec.	70.70	%	40-140
	Benzo(k)fluoranthene	Sample Amount	<0.200	ug/l	
		Matrix Spk Amt Added	100.000	ug/l	
		MS Amt Measured	72.810	ug/l	
		Matrix Spike % Rec.	72.810	%	40-140
	Nitrobenzene-d5	Surrogate Recovery	70.5	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	65.6	%	30-130
	Terphenyl-d14	Surrogate Recovery	60.4	%	30-130
09B06572					
	Nitrobenzene-d5	Surrogate Recovery	76.8	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	67.7	%	30-130
	Terphenyl-d14	Surrogate Recovery	64.4	%	30-130
BLANK-130459					
	Naphthalene	Blank	<1.00	ug/l	
	Acenaphthene	Blank	<0.30	ug/l	
	Acenaphthylene	Blank	<0.30	ug/l	
	Anthracene	Blank	<0.20	ug/l	
	Benzo(a)anthracene	Blank	<0.050	ug/l	
	Benzo(a)pyrene	Blank	<0.100	ug/l	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/12/2009 Lims Bat # : LIMT-23695

QC Batch Number: GCMS/SEMI-12017

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-130459					
	Benzo(b)fluoranthene	Blank	<0.050	ug/l	
	Benzo(g,h,i)perylene	Blank	<0.500	ug/l	
	Chrysene	Blank	<0.20	ug/l	
	Dibenz(a,h)anthracene	Blank	<0.200	ug/l	
	Fluoranthene	Blank	<0.50	ug/l	
	Fluorene	Blank	<1.00	ug/l	
	Indeno(1,2,3-cd)pyrene	Blank	<0.200	ug/l	
	2-Methylnaphthalene	Blank	<1.00	ug/l	
	Phenanthrene	Blank	<0.05	ug/l	
	Pyrene	Blank	<1.00	ug/l	
	Benzo(k)fluoranthene	Blank	<0.200	ug/l	
LFBLANK-92646					
	Naphthalene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	63.92	ug/l	
		Lab Fort Blk. % Rec.	63.92	%	40-140
	Acenaphthene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	66.78	ug/l	
		Lab Fort Blk. % Rec.	66.78	%	40-140
	Acenaphthylene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	65.45	ug/l	
		Lab Fort Blk. % Rec.	65.45	%	40-140
	Anthracene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	71.59	ug/l	
		Lab Fort Blk. % Rec.	71.59	%	40-140
	Benzo(a)anthracene	Lab Fort Blank Amt.	100.000	ug/l	
		Lab Fort Blk. Found	78.150	ug/l	
		Lab Fort Blk. % Rec.	78.150	%	40-140
	Benzo(a)pyrene	Lab Fort Blank Amt.	100.000	ug/l	
		Lab Fort Blk. Found	82.250	ug/l	
		Lab Fort Blk. % Rec.	82.250	%	40-140
	Benzo(b)fluoranthene	Lab Fort Blank Amt.	100.000	ug/l	
		Lab Fort Blk. Found	84.360	ug/l	
		Lab Fort Blk. % Rec.	84.360	%	40-140
	Benzo(g,h,i)perylene	Lab Fort Blank Amt.	100.000	ug/l	
		Lab Fort Blk. Found	62.430	ug/l	
		Lab Fort Blk. % Rec.	62.430	%	40-140
	Chrysene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	79.50	ug/l	
		Lab Fort Blk. % Rec.	79.50	%	40-140
	Dibenz(a,h)anthracene	Lab Fort Blank Amt.	100.000	ug/l	
		Lab Fort Blk. Found	69.980	ug/l	
		Lab Fort Blk. % Rec.	69.980	%	40-140
	Fluoranthene	Lab Fort Blank Amt.	100.00	ug/l	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/12/2009 Lims Bat # : LIMT-23695

QC Batch Number: GCMS/SEMI-12017

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-92646					
	Fluoranthene	Lab Fort Blk. Found	79.37	ug/l	
		Lab Fort Blk. % Rec.	79.37	%	40-140
	Fluorene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	72.98	ug/l	
		Lab Fort Blk. % Rec.	72.98	%	40-140
	Indeno(1,2,3-cd)pyrene	Lab Fort Blank Amt.	100.000	ug/l	
		Lab Fort Blk. Found	72.180	ug/l	
		Lab Fort Blk. % Rec.	72.180	%	40-140
	2-Methylnaphthalene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	62.00	ug/l	
		Lab Fort Blk. % Rec.	62.00	%	40-140
	Phenanthrene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	73.70	ug/l	
		Lab Fort Blk. % Rec.	73.70	%	40-140
	Pyrene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	77.72	ug/l	
		Lab Fort Blk. % Rec.	77.72	%	40-140
	Benzo(k)fluoranthene	Lab Fort Blank Amt.	100.000	ug/l	
		Lab Fort Blk. Found	80.860	ug/l	
		Lab Fort Blk. % Rec.	80.860	%	40-140

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QC SUMMARY REPORT

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QUALITY CONTROL DEFINITIONS AND ABBREVIATIONS

QC BATCH NUMBER	This is the number assigned to all samples analyzed together that would be subject to comparison with a particular set of Quality Control Data.
LIMITS	Upper and Lower Control Limits for the QC ANALYSIS Reported. All values normally would fall within these statistically determined limits, unless there is an unusual circumstance that would be documented in a NOTE appearing on the last page of the QC SUMMARY REPORT. Not all QC results will have Limits defined.
Sample Amount	Amount of analyte found in a sample.
Blank	Method Blank that has been taken though all the steps of the analysis.
LFBLANK	Laboratory Fortified Blank (a control sample)
STDADD	Standard Added (a laboratory control sample)
Matrix Spk Amt Added	Amount of analyte spiked into a sample
MS Amt Measured	Amount of analyte found including amount that was spiked
Matrix Spike % Rec.	% Recovery of spiked amount in sample.
Duplicate Value	The result from the Duplicate analysis of the sample.
Duplicate RPD	The Relative Percent Difference between two Duplicate Analyses.
Surrogate Recovery	The % Recovery for non-environmental compounds (surrogates) spiked into samples to determine the performance of the analytical methods.
Sur. Recovery (ELCD)	Surrogate Recovery on the Electrolytic Conductivity Detector.
Sur. Recovery (PID)	Surrogate Recovery on the Photoionization Detector.
Standard Measured	Amount measured for a laboratory control sample
Standard Amt Added	Known value for a laboratory control sample
Standard % Recovery	% recovered for a laboratory control sample with a known value.
Lab Fort Blank Amt	Laboratory Fortified Blank Amount Added
Lab Fort Blk. Found	Laboratory Fortified Blank Amount Found
Lab Fort Blk % Rec	Laboratory Fortified Blank % Recovered
Dup Lab Fort Bl Amt	Duplicate Laboratory Fortified Blank Amount Added
Dup Lab Fort Bl Fnd	Duplicate Laboratory Fortified Blank Amount Found
Dup Lab Fort Bl % Rec	Duplicate Laboratory Fortified Blank % Recovery
Lab Fort Blank Range	Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified Blank Duplicate).
Lab Fort Bl. Av. Rec.	Laboratory Fortified Blank Average Recovery
Duplicate Sample Amt	Sample Value for Duplicate used with Matrix Spike Duplicate
MSD Amount Added	Matrix Spike Duplicate Amount Added (Spiked)
MSD Amt Measured	Matrix Spike Duplicate Amount Measured
MSD % Recovery	Matrix Spike Duplicate % Recovery
MSD Range	Absolute difference between Matrix Spike and Matrix Spike Duplicate Recoveries

REASONABLE CONFIDENCE PROTOCOL

LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory ***Client:*** AECOM

Project Location: FACTORY H MERIDEN ***Project Number:*** L1MT-23695

Laboratory Sample ID(s): 09B06570 - 09B06572 ***Sampling Date(s):*** 2/19/09.

List RCP Methods Used (e.g., 8260, 8270, et cetera) 8270

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 or 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° C°)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	☒Yes ☐ No ☒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: Edward Denson **Position: Technical Director**

Printed Name: Edward Denson **Date:** 3/12/09

Name of Laboratory: CON-TEST ANALYTICAL LABORATORY

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

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Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

~~L1M1 23444~~ 23695

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: AECOM
Address: 500 ENTERPRISE DR SUITE 1A ROCKY HILL CT
Attention: SPRIHALA / J BONDOS
Project Location: FACTORY H MELDEN
Sampled By: SPRIHALA

Telephone: (860) 263 5800
Project # 60073489
Client PO # _____

DATA DELIVERY (check one):
☐ FAX ☐ EMAIL ☒ WEBSITE CLIENT
Fax # : _____
Email: _____
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY
☐ OTHER _____

Proposal Provided? (For Billing purposes)
☒ yes 11/08 proposal date

State Form Required?
☐ yes ☒ no

ANALYSIS REQUESTED

# of containers	3															
**Preservation	U/O	I	→													
-Cont.Code	V	G	→													
Field ID	Sample Description	Lab # 09B	Date Sampled Start Date/Time	Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	VOCs 8260	PAHs	RCRA 8 METALS	CT DOP 15 METALS	ETPH (CT MOD)	CYANIDE	#GLASS JARS 8021 & 402	SPLP PAH
⊗	ME-SB-01 0.5-1.5'	~~04458~~ 06510	2-19-09	1145		X	S	U	X	X	X		X	X	2	X
	ME-SB-01 8-9'	04459		1155		X			X	X	~~X~~ 38	X	X	X	2	
	ME-SB-01 11.5-12.5	04460		210		X			H	→				→	2	
	ME-SB-02 1-2'	04460		220		X			X	X	X		X	X	1	
	ME-SB-02 8-9'	04461		230		X			X	X	X		X	X	2	
	ME-SB-02 9-10'	~~04463~~		240		X			H	→				→	2	
	ME-~~MW~~-02 0.5-1.5'	~~04466~~		840		X			H	→				→	2	
	ME-MW-02 4.5-5'	04467	2-19-09	855		X	S	U	X	X		X	X	X	1	

Client Comments:
H = HOLD SAMPLE FOR FUTURE ACTIVATION

DI VIALS / ENCORE FROZEN AT 02-20-09 14:52

Laboratory 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) SPrihala	Date/Time: 2-19-09 4:30	
Received by: (signature) Holly Folsom	Date/Time: 2/20/09 12:50pm	
Relinquished by: (signature) Holly Folsom	Date/Time: 2/20/09 14:22	
Received by: (signature) [illegible] Temp 5C	Date/Time: 2/20/09 14:22	

Turnaround **
☒ 5 ☒ -Day
☐ 10-Day
☐ Other ____
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? GAPMC RBCL
Data Enhancement Project/RCP? ☒ Y ☐ N
Special Requirements or DL's: RSCS

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other DI H2O
X = Na hydroxide
T = Na thiosulfate

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

~~Limt- 23444~~ Limt #23698

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: AECOM
Address: ROCKY HILL
Attention: SPEHACA / STAVSOOS
Project Location: FACTORY H - MELROSE
Sampled By: SMP

Telephone: (860) 263 5800
Project # 60073489
Client PO #

DATA DELIVERY (check one):
☐ FAX ☐ EMAIL ☒ WEBSITE CLIENT
Fax # :
Email:
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY ☐ OTHER

Proposal Provided? (For Billing purposes) ☒ yes 11/08 proposal date
State Form Required? ☐ yes ☒ no

ANALYSIS REQUESTED

Field ID	Sample Description	Lab # 09B	Date Sampled Start Date/Time	Date Sampled Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	VOCs 8260	PAHs	RCRA 8 METALS	CDDP 15 METALS	CT EPH	CYANIDE	HG GLASSLAKES 8024 402						# of containers / **Preservation / Cont. Code
									3												# of containers
									WO	I	→										**Preservation
									V	G	→										Cont. Code
	MR-MW-02 8.5-9.5'		2-19-09	915		V	S	U	H	→					2						
	ME-MW-02 13-14'	04863		925		X			X	X	X		X	X	2						
	ME-SB-03 1-2'	04864		1155		X			X	X	X	~~X~~	X	X	2						
	ME-SB-03 7.5-8.5'	04865		1210		X			X	X	X	~~X~~	X	X	2						
	ME-SB-04 0-1'	04866		1100		X			X	X	X		X	X	2						
	ME-SB-04 4-5'			1110		X				H	→				1						
	ME-SB-04 8-9'	04867		1120		X			X	X	X		X	X	2						
	ME-SB-04 12.5-13.5		2-19-09	1135		X	S	U	H	→					2						

Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V=vial
S=summa can
T=tedlar bag
O=Other

Client Comments:
H=HOLD FOR FUTURE ACTIVATION

Laboratory 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

FROZEN AT: 02-20-09 14:30 ALL ALIQUOTS ARE ENCORE

Relinquished by: (signature)	Date/Time: 2-19-09 4:30	
Received by: (signature)	Date/Time: 2/20/09 12:50pm	
Relinquished by: (signature)	Date/Time: 2/20/09 14:22	
Received by: (signature) Temp 5°	Date/Time: 2/20/09 14:22	

Turnaround **
☒ 5 Day
☐ 10-Day
☐ Other
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? GAPMC / RCS
Data Enhancement Project/RCP? ☒ Y ☐ N
Special Requirements or DL's: PSPS

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other DI H2O
X = Na hydroxide
T = Na thiosulfate

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY THE CLIENT.

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CHAIN OF CUSTODY RECORD

~~Lmt # 23411~~ Lmt # 28695

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: AECOM
Address: ROCKY HILL
Attention: SPRIHACA / JBONDOS
Project Location: FACTORY H - MERIDEN
Sampled By: SPRIHACA

Telephone: (860) 263 5800
Project # 60073489
Client PO #

DATA DELIVERY (check one): ☐FAX ☐EMAIL ☒WEBSITE CLIENT
Fax # :
Email:
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY ☐ OTHER

Proposal Provided? (For Billing purposes) ☒ yes 11/08 proposal date
State Form Required? ☐ yes ☒ no

Field ID	Sample Description	Lab # 09B	Date Sampled Start Date/Time	Stop Date/Time	Comp-osite	Grab	*Matrix Code	Conc. Code	VOCs 8260	PAHs	RCRA 8 METALS	CTDEP 15 METALS	CTETPH	CYANIDE	#GLASS JARS 8oz 4oz						# of containers
									3												# of containers
									HCL												**Preservation
									V	G											~Cont.Code
	ME-SB-05 0.5-1.5'	04968		1200		X	S	U	X	X	X	X	X	X	1						
	ME-SB-05 5.5-6'	04969		1300		X	S	U	X	X	X	X	X	X	1						
	TB 021909	04970		—				C	X						NK						
	EB 021909	04971		500		X	O	C	X	X		X	X	X							

ANALYSIS REQUESTED

~Cont. Code: A=amber glass, G=glass, P=plastic, ST=sterile, V=vial, S=summa can, T=tedlar bag, O=Other

Client Comments: EB = 2 VIALS 3 NITRIC 1 NAOH 4 1L AMBERS

DL VIALS / ENCORE FROZEN AT: 02-20-09 14:52

Laboratory 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: 2-19-09 430	
Received by: (signature)	Date/Time: 2/20/09 12:50pm	
Relinquished by: (signature)	Date/Time: 2/20/09 14:22	
Received by: (signature) 9°C Temp 5°	Date/Time: 2/20/09 14:22	

Turnaround **: ☒ 5-Day ☐ 10-Day ☐ Other
RUSH *: ☐ *24-Hr ☐ *48-Hr ☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? GAPMC RCS
Data Enhancement Project/RCP? ☒ Y ☐ N
Special Requirements or DL's: RSRS

***Matrix Code:**
GW = groundwater
WW = wastewater
DW = drinking water
A = air
S = soil/solid
SL = sludge
O = other LAB DI

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other
X = Na hydroxide
T = Na thiosulfate

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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Lmt #23695

CHAIN OF CUSTODY RECORD

~~Lmt # 23332~~

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Page 1 of 4

Company Name: AECOM
Address: 500 ENTERPRISE DR, STE IA, ROCKY HILL CT
Attention: S. PERHALA / J. BONDOS
Project Location: MELDEN FACTORY H
Sampled By: SPERHALA / D. SEREMET

Telephone: (860) 2635800
Project # 60073489
Client PO #

DATA DELIVERY (check one):
☐ FAX ☐ EMAIL ☒ WEBSITE CLIENT
Fax # :
Email:
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY
☐ OTHER

Proposal Provided? (For Billing purposes) ☒ yes 11/08 proposal date

State Form Required? ☐ yes ☒ no

Field ID	Sample Description	Lab # 09B	Date Sampled Start Date/Time	Stop Date/Time	Comp-osite	Grab	*Matrix Code	Conc. Code	PAHs	Lead	Copper	ETPH	CT MEP 15 metals	VOCs	SPLP PAH							# of containers / **Preservation / ~Cont.Code
	ME-SS-01 0-1'	04553	2/17/09	11:40		X	S	U	X	X	X											
★	ME-SS-02 0-1'	~~04554~~ 06571	2/17/09	12:40		X									X							
	ME-SS-03 - 0-1'	04555	2/17/09	12:10		X																
	ME-SS-04 0-1'	04556	2/17/09	13:15		X																
	ME-SS-05 0-1'	04557	2/17/09	12:00		X																
★	ME-SS-06 0-1'	~~04558~~ 06572	2/17/09	13:40		X									X							
	ME-SS-07 0-1'	04559	2/17/09	10:20		X																
	ME-SS-08 0-1'	04560	2/17/09	14:00		X																

~Cont. Code: A=amber glass, G=glass, P=plastic, ST=sterile, V=vial, S=summa can, T=tedlar bag, O=Other

Client Comments:

D VIALS / ENCORE
FROZEN AT:
02-18-09 14:53 OUT

TA 17B 90

Laboratory 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: 2-18-09 9AM	
Received by: (signature)	Date/Time: 2/18/09 9:00	
Relinquished by: (signature)	Date/Time: 2/18/09 2:45	
Received by: (signature) Temp 4°	Date/Time: 2/18/09 W:45	

Turnaround **
☐ 5-Day
☒ 10-Day
☐ Other
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? RCS / GAPMC
Data Enhancement Project/RCP? ☒ Y ☐ N
Special Requirements or DL's: RSRS

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other
X = Na hydroxide
T = Na thiosulfate

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY CLIENT.

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Limt # 23695

CHAIN OF CUSTODY RECORD

~~Limt # 23372~~

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: AECOM
Address: ACCKY HILL
Attention: J PEHARA / J BARNES
Project Location: FACTORY H - MELDEN
Sampled By: J PEHARA / D. SELMICT

Telephone: 860 2635800
Project # 60073489
Client PO #

Proposal Provided? (For Billing purposes) ☒ yes NOV 08 proposal date

State Form Required? ☐ yes ☒ no

DATA DELIVERY (check one):
☐ FAX ☐ EMAIL ☒ WEBSITE CLIENT
Fax # :
Email:
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY ☐ OTHER

ANALYSIS REQUESTED

Field ID	Sample Description	Lab #	Date Sampled Start Date/Time	Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	VOC	PAHs	Lead	EPH	CTEPH 15-Metals	# of containers	**Preservation	~Cont. Code
	ME-SB-06 0-1'	04561	2/17/09	9:17		X	S		X	X	X					
	ME-SB-06 2-3'	04562		9:22		X			X	X	X					
	ME-SB-07 0-1'	04563		9:35					X	X	X					
	ME-SB-07 2-4'	04564		9:55					X	X	X					
	ME-SS-10 0-1	04565		11:00						X		X	X			
	ME-SS-11 0-6"	~~04566~~		14:45						~~X~~		~~X~~	~~X~~	HOLD		
	ME-SS-11 1-1.5'	04566		14:50						X		X	X			
	ME-SS-12 0-1'	04567		10:15						X		X	X			

Client Comments:

DIALS/ENCORE

FROZEN AT: 02-13-09 14:53 OUT

7A

Laboratory 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

~Cont. Code: A=amber glass, G=glass, P=plastic, ST=sterile, V=vial, S=summa can, T=tedlar bag, O=Other

Relinquished by: (signature)	Date/Time: 2-18-09 9AM	
Received by: (signature)	Date/Time: 2/18/09 9:00	
Relinquished by: (signature)	Date/Time: 2/18/09 2:40	
Received by: (signature) Temp 4C	Date/Time: 2/18/09 14:45	

Turnaround **
☐ ~~5-Day~~ ☒ 5-Day
☐ 10-Day
☐ Other
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations?
Data Enhancement Project/RCP? ☐ Y ☐ N
Special Requirements or DL's:

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other
X = Na hydroxide
T = Na thiosulfate

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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Lmt # ~~23232~~ 23695

CHAIN OF CUSTODY RECORD

Lmt # 23332

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: AECOM
Address: ROCKY HILL
Attention: S PENDER/JONES
Project Location: HOLDEN FACILITY
Sampled By: [illegible]

Telephone: 860 2603 5800
Project # 60073489
Client PO #

DATA DELIVERY (check one):
☐ FAX ☐ EMAIL ☒ WEBSITE CLIENT
Fax # :
Email:
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY
☐ OTHER

Proposal Provided? (For Billing purposes) ☒ yes 11/08 proposal date

State Form Required? ☐ yes ☒ no

ANALYSIS REQUESTED

Field ID	Sample Description	Lab # 09B	Date Sampled Start Date/Time	Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	# of containers	**Preservation	~Cont.Code
	ME-SS-02 2-4'										
	ME-SS-03 2-4'										
	ME-SS-04 1-4'										
	ME-SS-06 2-4										
	ME-SB-07 4-5'										

PENDING INSTRUCTION

HOLD

~Cont. Code: A=amber glass, G=glass, P=plastic, ST=sterile, V=vial, S=summa can, T=tedlar bag, O=Other

Client Comments:

DIVALS/ENCORE
FROZEN AT: 02-13-09 14:53 OUT
7A

Laboratory 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: 2/18/09 9AM	
Received by: (signature)	Date/Time: 2/18/09 9:20	
Relinquished by: (signature)	Date/Time: 2/18/09 2:45	
Received by: (signature) Temp 4°C	Date/Time: 2/18/09 14:45	

Turnaround **
☒ 5-Day
☐ 10-Day
☐ Other
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? RS/GA MC
Data Enhancement Project/RCP? ☒ Y ☐ N
Special Requirements or DL's? RORS

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other
X = Na hydroxide
T = Na thiosulfate

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY CLIENT.

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Limit # 23695

CHAIN OF CUSTODY RECORD

~~Limit # 23332~~

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: AECOM
Address: ROCKY HILL
Attention: SP/JB
Project Location: MILLDON FACTORY H
Sampled By: SP/DS

Telephone: (860) 263 5800
Project # 60073489
Client PO #

DATA DELIVERY (check one):
☐ FAX ☐ EMAIL ☒ WEBSITE CLIENT
Fax # :
Email:
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY
☐ OTHER

Proposal Provided? (For Billing purposes) ☒ yes 11/08 proposal date

State Form Required? ☐ yes ☒ no

Field ID	Sample Description	Lab # 09B	Date Sampled Start Date/Time	Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	VOC	PAHs	Pb	Cu, Zn	ETPH	15 metals							# of containers / **Preservation / ~Cont.Code
	~~DUP~~ ME-SB-DUP	04568	2/17/09	9:55		●	S		X	X	X										
	ME-SS DUP	04569		11:00		X	S			X	X	X									
	~~ME-SB 01~~																				
	ME-SS-09 1-1.5'	04570		10:25		●	S			X			X	X							
	ME-SS-09 0-0.5'			10:25		X	S			H	O2	P									
	Trip Blank 021709	04571							X												

ANALYSIS REQUESTED

~Cont. Code: A=amber glass, G=glass, P=plastic, ST=sterile, V=vial, S=summa can, T=tedlar bag, O=Other

Client Comments:

DI ALS / ENCORE FROZEN AT: 02-10-09 14:53 OUT

Laboratory 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: 2-18-09 AM	
Received by: (signature)	Date/Time: 2/18/09 9:00	
Relinquished by: (signature)	Date/Time: 2/18/09 2:45	
Received by: (signature) Temp 4°C	Date/Time: 2/18/09 14:45	

Turnaround **
☒ 5-Day
☐ 10-Day
☐ Other
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? RCS / GAPMC
Data Enhancement Project/RCP? ☐ Y ☐ N
Special Requirements or DL's: RSD

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other
X = Na hydroxide
T = Na thiosulfate

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

AIHA, NELAC & WBE/DBE Certified

SAMPLE REACTIVATION FORM

COMPANY AECOM LOCATION 7A, 8D

CONTACT Sarah Perkola PROJECT ID Factory-H, Meriden

CONTACT PHONE 860-263-5746 FAX

DATE 3/5/09 TIME 10:46 am TAT Standard DUE DATE

REQUEST TAKEN BY Holly Folsom GIVEN TO

ACTIVATION REQUEST:

ME-SB-01 (0.5-1.5')
ME-SS-02 (0-1')
ME-SS-06 (0-1') } SPLP PAH's

* Hold time up on two, one up this afternoon!

(*see attached email)

SPECIAL INSTRUCTIONS AND TERMS:

FAXED TO CONTACT FOR APPROVAL: Y N

ACTIVATION IS CORRECT PER OUR REQUEST _____ DATE _____
INITIALS

CONTEST FINAL APPROVAL M. Kell

Holly L. Folsom

From: "Perhala, Sarah" <Sarah.Perhala@aecom.com>
To: "Holly L. Folsom" <hfolsom@contestlabs.com>
Sent: Thursday, March 05, 2009 10:46 AM
Subject: RE: SPLP analyses

Sorry – both of those "MW" samples should be "ME"

From: Holly L. Folsom [mailto:hfolsom@contestlabs.com]
Sent: Thursday, March 05, 2009 10:27 AM
To: Perhala, Sarah
Subject: Re: SPLP analyses

Hi Sarah,

Thanks for the email. I will get these activated ASAP. If there are any questions, I will let you know.

Thanks, Holly

----- Original Message -----
From: Perhala, Sarah
To: Holly L. Folsom
Sent: Thursday, March 05, 2009 10:24 AM
Subject: SPLP analyses

Hi Holly

I need to activate a couple samples from the Meriden project for SPLP analyses for PAHs as soon as you can – some have already exceeded hold time and 1 may be coming down to the hour

The 2 out of hold time are from LIMT-23332:
ME-SS-02 (0-1')
MW-SS-06 (0-1')

1 is from LIMT-23411:
MW-SB-01 (0.5-1.5')

Please send a confirmation email when you get this so i know the samples are being activated

Thank you!

Sarah Perhala
Environmental Scientist
AECOM Environment
Direct Phone: 860.263.5746
Cell: 860.581.0562
sarah.perhala@aecom.com

Our office has moved! Please note our new address and contact information.

AECOM
500 Enterprise Drive, Suite 1A
Rocky Hill, Connecticut 06067
Office Phone: 860.263.5800
Fax: 860.263.5777
www.aecom.com

Metcalf & Eddy's parent company, AECOM Technology Corporation, is evolving to better serve its global clients. AECOM is forming a global business line – AECOM Environment – by utilizing the skills and capabilities from across its global environmental operations, including resources from ENSR, Earth Tech, STS and Metcalf & Eddy. AECOM Environment is

devoted to providing quality environmental services to its global clients. With access to approximately 4,200 staff in 20 countries, AECOM Environment will be one of five new AECOM business lines, which also include AECOM Water, AECOM Transportation, AECOM Design, and AECOM Energy.

AECOM Environment provides a blend of global reach, local knowledge, innovation, and technical excellence in delivering solutions that enhance and sustain the world's built, natural, and social environments. Though our appearance is changing, our commitment to the success of your projects and your organization remains strong. We will keep you apprised of future details.

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con-test®
ANALYTICAL LABORATORY

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

REPORT DATE 3/17/2009

AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067
ATTN: SARAH PERHALA

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23748
JOB NUMBER: 60073489

PROJECT LOCATION: FACTORY H, MERIDEN

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST	Subcontract Lab (if any) Cert. Nos.
ME-MW-02 4.5-5 FT	09B06850	SOIL	Not Specified	splp - ag 6020	
ME-MW-02 4.5-5 FT	09B06850	SOIL	Not Specified	splp - as 6020	
ME-MW-02 4.5-5 FT	09B06850	SOIL	Not Specified	splp - ni 6020	
ME-MW-02 4.5-5 FT	09B06850	SOIL	Not Specified	splp - pb 6020	
ME-MW-02 4.5-5 FT	09B06850	SOIL	Not Specified	splp - sb 6020	
ME-MW-02 4.5-5 FT	09B06850	SOIL	Not Specified	splp - tl 6020	
ME-MW-02 4.5-5 FT	09B06850	SOIL	Not Specified	splp - v 6020	
ME-SB-01 0.5-1.5 F	09B06848	SOIL	Not Specified	splp - cr 6020	
ME-SB-01 0.5-1.5 F	09B06848	SOIL	Not Specified	splp - cyanide	
ME-SB-01 0.5-1.5 F	09B06848	SOIL	Not Specified	splp - pb 6020	
ME-SB-01 8-9 FT	09B06849	SOIL	Not Specified	splp - cyanide	
ME-SB-05 5.5-6 FT	09B06851	SOIL	Not Specified	splp - ag 6020	
ME-SB-05 5.5-6 FT	09B06851	SOIL	Not Specified	splp - ba 6020	
ME-SB-05 5.5-6 FT	09B06851	SOIL	Not Specified	splp - cr 6020	
ME-SB-05 5.5-6 FT	09B06851	SOIL	Not Specified	splp - pb 6020	
ME-SB-05 5.5-6 FT	09B06851	SOIL	Not Specified	splp mercury	
ME-SB-07 2-4 FT	09B06856	SOIL	Not Specified	splp - pb 6020	
ME-SS-02 0-1 FT	09B06852	SOIL	Not Specified	splp - cu 6020	
ME-SS-05 0-1 FT	09B06853	SOIL	Not Specified	splp - cu 6020	
ME-SS-06 0-1 FT	09B06855	SOIL	Not Specified	splp - pb 6020	
ME-SS-07 0-1 FT	09B06854	SOIL	Not Specified	splp - pb 6020	
ME-SS-09 1-1.5 FT	09B06858	SOIL	Not Specified	splp - cr 6020	
ME-SS-09 1-1.5 FT	09B06858	SOIL	Not Specified	splp - pb 6020	
ME-SS-09 1-1.5 FT	09B06858	SOIL	Not Specified	splp - sb 6020	
ME-SS-09 1-1.5 FT	09B06858	SOIL	Not Specified	splp - tl 6020	
ME-SS-09 1-1.5 FT	09B06858	SOIL	Not Specified	splp - v 6020	
ME-SS-12 0-1 FT	09B06857	SOIL	Not Specified	splp - cu 6020	
ME-SS-12 0-1 FT	09B06857	SOIL	Not Specified	splp - se 6020	

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ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23748
JOB NUMBER: 60073489

Comments :

LIMS BATCH NO. : LIMT-23748

CASE NARRATIVE SUMMARY

Recommended sample holding times were not exceeded for all samples unless listed below:
None Exceeded

All samples for the method(s) listed were received preserved properly in the proper containers at 4°C +/- 2 degrees as specified on the chain-of-custody form unless listed below:
All properly preserved

In method 1312-SPLP, for sample 09B06857, due to limited sample volume, less than the method recommended amount (100g) was used for extraction. Liquid to Solid ratio was met. (20:1)

In method 6020, the ICSAB was outside of control limits for Cu. Any reported result for this element may be biased on the low side in the presence of high inter-element intereference.

There are no other analytical issues which affect the usability of the data.

DETAILED CASE NARRATIVE

METHOD SW846 7470/7471A - ADDITIONAL COMMENTS

Matrix spike performed on SPLP sample 09B06851.

METHOD SW846-6020 - ADDITIONAL COMMENTS

Matrix spike performed on samples 09B06858, 09B06857, and 09B06852. The matrix spike for 09B06852 was outside of control limits for Cu, however, the sample concentration was >4X the spike concentration and representative recovery may not be obtainable.

Only Ag, As, Ba, Cr, Cu, Ni, Pb, Sb, Se, Tl, and V were requested and reported.

Samples 09B06848, 09B06858, and 09B06857 were diluted 1:2 due to interference causing high Sc internal standard recoveries. This dilution affects the Cr result for 09B06848; Cr and V results for 09B06858; and the Cu result for 09B06857. Sample 09B06852 was diluted 1:20 to obtain a Cu result within the linear dynamic range.

METHOD SW846 9014 - ADDITIONAL COMMENTS

A matrix spike and a matrix spike duplicate were performed on sample 09B06849.

The results of analyses performed are based on samples as submitted to the laboratory and relate only to the items collected and tested.

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations. AIHA accreditations only apply to NIOSH methods and Environmental Lead Analyses.

AIHA 100033	AIHA ELLAP (LEAD) 100033	NORTH CAROLINA CERT. # 652
MASSACHUSETTS MA0100	NEW HAMPSHIRE NELAP 2516	NEW JERSEY NELAP NJ MA007 (AIR)
CONNECTICUT PH-0567	VERMONT DOH (LEAD) No. LL015036	FLORIDA DOH E871027 (AIR)
NEW YORK ELAP/NELAP 10899	RHODE ISLAND (LIC. No. 112)	

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ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23748
JOB NUMBER: 60073489

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

M Cullen 3/17/09

SIGNATURE DATE

Tod Kopyscinski
Air Laboratory Manager

Michael Erickson
Assistant Laboratory Director

Edward Denson
Technical Director

Daren Damboraglan
Organics Department Supervisor

* See end of data tabulation for notes and comments pertaining to this sample

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3/17/2009

Purchase Order No.:

Project Location: FACTORY H, MERIDEN
Date Received: 3/6/2009
Field Sample # : ME-MW-02 4.5-5 FT

LIMS-BAT #: LIMT-23748
Job Number: 60073489

Sample ID : 09B06850 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Silver	ug/L	21.0	03/16/09	KMT	2.50			

Field Sample # : ME-SB-05 5.5-6 FT

Sample ID : 09B06851 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Silver	ug/L	ND	03/16/09	KMT	2.50			

Analytical Method:
SW846 1312/6020
SYNTHETIC PRECIPITATION LEACHING PROCEDURE (SPLP). SAMPLES ARE LEACHED FOR 16-20 HOURS IN THE APPROPRIATE LEACHING SOLUTION ACCORDING TO SPLP AND ANALYZED BY ICPMS. WATER SAMPLES ARE FILTERED, NOT EXTRACTED.

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3/17/2009

Purchase Order No.:

Project Location: FACTORY H, MERIDEN
Date Received: 3/6/2009
Field Sample # : ME-MW-02 4.5-5 FT

LIMS-BAT #: LIMT-23748
Job Number: 60073489

Sample ID : 09B06850

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Arsenic	ug/L	ND	03/16/09	KMT	2.00			

Analytical Method:
SW846 1312/6020
SYNTHETIC PRECIPITATION LEACHING PROCEDURE (SPLP). SAMPLES ARE LEACHED FOR 16-20 HOURS IN THE APPROPRIATE LEACHING SOLUTION ACCORDING TO SPLP AND ANALYZED BY ICPMS. WATER SAMPLES ARE FILTERED, NOT EXTRACTED.

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3/17/2009

Purchase Order No.:

Project Location: FACTORY H, MERIDEN
Date Received: 3/6/2009
Field Sample # : ME-SB-05 5.5-6 FT

LIMS-BAT #: LIMT-23748
Job Number: 60073489

Sample ID : 09B06851

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Barium	ug/L	ND	03/16/09	KMT	250			

Analytical Method:
SW846 1312/6020
SYNTHETIC PRECIPITATION LEACHING PROCEDURE (SPLP). SAMPLES ARE LEACHED FOR 16-20 HOURS IN THE APPROPRIATE LEACHING SOLUTION ACCORDING TO SPLP AND ANALYZED BY ICPMS. WATER SAMPLES ARE FILTERED, NOT EXTRACTED.

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3/17/2009

Purchase Order No.:

Project Location: FACTORY H, MERIDEN
Date Received: 3/6/2009

LIMS-BAT #: LIMT-23748
Job Number: 60073489

Field Sample # : ME-SB-01 0.5-1.5 FT

Sample ID : 09B06848 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Chromium	ug/L	ND	03/16/09	KMT	100			

Field Sample # : ME-SB-05 5.5-6 FT

Sample ID : 09B06851 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Chromium	ug/L	ND	03/16/09	KMT	50.0			

Field Sample # : ME-SS-09 1-1.5 FT

Sample ID : 09B06858 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Chromium	ug/L	ND	03/16/09	KMT	100			

Analytical Method:
SW846 1312/6020
SYNTHETIC PRECIPITATION LEACHING PROCEDURE (SPLP). SAMPLES ARE LEACHED FOR 16-20 HOURS IN THE APPROPRIATE LEACHING SOLUTION ACCORDING TO SPLP AND ANALYZED BY ICPMS. WATER SAMPLES ARE FILTERED, NOT EXTRACTED.

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3/17/2009

Purchase Order No.:

Project Location: FACTORY H, MERIDEN
Date Received: 3/6/2009
Field Sample # : ME-SS-02 0-1 FT

LIMS-BAT #: LIMT-23748
Job Number: 60073489

Sample ID : 09B06852 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Copper	ug/L	6760	03/16/09	KMT	25.0			

Field Sample # : ME-SS-05 0-1 FT

Sample ID : 09B06853 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Copper	ug/L	ND	03/16/09	KMT	25.0			

Field Sample # : ME-SS-12 0-1 FT

Sample ID : 09B06857 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Copper	ug/L	120	03/16/09	KMT	25.0			

Analytical Method:
SW846 1312/6020
SYNTHETIC PRECIPITATION LEACHING PROCEDURE (SPLP). SAMPLES ARE LEACHED FOR 16-20 HOURS IN THE APPROPRIATE LEACHING SOLUTION ACCORDING TO SPLP AND ANALYZED BY ICPMS. WATER SAMPLES ARE FILTERED, NOT EXTRACTED.

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3/17/2009

Purchase Order No.:

Project Location: FACTORY H, MERIDEN
Date Received: 3/6/2009
Field Sample # : ME-SB-01 0.5-1.5 FT

LIMS-BAT #: LIMT-23748
Job Number: 60073489

Sample ID : 09B06848 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Cyanide	mg/l	0.012	03/17/09	VAK	0.010			

Field Sample # : ME-SB-01 8-9 FT

Sample ID : 09B06849 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Cyanide	mg/l	ND	03/17/09	VAK	0.010			

Analytical Method:
1312/335.3
SAMPLES ARE EXTRACTED ACCORDING TO SPLP. THE LEACHATE IS DISTILLED AND ANALYZED BY THE CHLORAMINE-T/PYRIDINE-BARBITURIC ACID AUTOMATED FLOW INJECTION SPECTROPHOTOMETRIC METHOD.

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3/17/2009

Purchase Order No.:

Project Location: FACTORY H, MERIDEN
Date Received: 3/6/2009
Field Sample # : ME-MW-02 4.5-5 FT

LIMS-BAT #: LIMT-23748
Job Number: 60073489

Sample ID : 09B06850 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Nickel	ug/L	ND	03/16/09	KMT	25.0			

Analytical Method:
SW846 1312/6020
SYNTHETIC PRECIPITATION LEACHING PROCEDURE (SPLP). SAMPLES ARE LEACHED FOR 16-20 HOURS IN THE APPROPRIATE LEACHING SOLUTION ACCORDING TO SPLP AND ANALYZED BY ICPMS. WATER SAMPLES ARE FILTERED, NOT EXTRACTED.

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3/17/2009

Purchase Order No.:

Project Location: FACTORY H, MERIDEN
Date Received: 3/6/2009
LIMS-BAT #: LIMT-23748
Job Number: 60073489

Field Sample # : ME-MW-02 4.5-5 FT

Sample ID : 09B06850 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Lead	ug/L	19.2	03/16/09	KMT	5.00			

Field Sample # : ME-SB-01 0.5-1.5 FT

Sample ID : 09B06848 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Lead	ug/L	ND	03/16/09	KMT	5.00			

Field Sample # : ME-SB-05 5.5-6 FT

Sample ID : 09B06851 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Lead	ug/L	21.6	03/16/09	KMT	5.00			

Field Sample # : ME-SB-07 2-4 FT

Sample ID : 09B06856 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Lead	ug/L	28.9	03/16/09	KMT	5.00			

Field Sample # : ME-SS-06 0-1 FT

Sample ID : 09B06855 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Lead	ug/L	37.5	03/16/09	KMT	5.00			

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3/17/2009

Purchase Order No.:

Project Location: FACTORY H, MERIDEN
Date Received: 3/6/2009
Field Sample # : ME-SS-07 0-1 FT

LIMS-BAT #: LIMT-23748
Job Number: 60073489

Sample ID : 09B06854 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Lead	ug/L	101	03/16/09	KMT	5.00			

Field Sample # : ME-SS-09 1-1.5 FT

Sample ID : 09B06858 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Lead	ug/L	ND	03/16/09	KMT	5.00			

Analytical Method:
SW846 1312/6020
SYNTHETIC PRECIPITATION LEACHING PROCEDURE (SPLP). SAMPLES ARE LEACHED FOR 16-20 HOURS IN THE APPROPRIATE LEACHING SOLUTION ACCORDING TO SPLP AND ANALYZED BY ICPMS. WATER SAMPLES ARE FILTERED, NOT EXTRACTED.

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Purchase Order No.:

Project Location: FACTORY H, MERIDEN
Date Received: 3/6/2009
Field Sample # : ME-MW-02 4.5-5 FT

LIMS-BAT #: LIMT-23748
Job Number: 60073489

Sample ID : 09B06850 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Antimony	ug/L	ND	03/16/09	KMT	5.00			

Field Sample # : ME-SS-09 1-1.5 FT

Sample ID : 09B06858 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Antimony	ug/L	ND	03/16/09	KMT	5.00			

Analytical Method:
SW846 1312/6020
SYNTHETIC PRECIPITATION LEACHING PROCEDURE (SPLP). SAMPLES ARE LEACHED FOR 16-20 HOURS IN THE APPROPRIATE LEACHING SOLUTION ACCORDING TO SPLP AND ANALYZED BY ICPMS. WATER SAMPLES ARE FILTERED, NOT EXTRACTED.

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SARAH PERHALA
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

Purchase Order No.:

3/17/2009

Project Location: FACTORY H, MERIDEN
Date Received: 3/6/2009
Field Sample # : ME-SS-12 0-1 FT

LIMS-BAT #: LIMT-23748
Job Number: 60073489

Sample ID : 09B06857

‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Selenium	ug/L	ND	03/16/09	KMT	25.0			

Analytical Method:
SW846 1312/6020
SYNTHETIC PRECIPITATION LEACHING PROCEDURE (SPLP). SAMPLES ARE LEACHED FOR 16-20 HOURS IN THE APPROPRIATE LEACHING SOLUTION ACCORDING TO SPLP AND ANALYZED BY ICPMS. WATER SAMPLES ARE FILTERED, NOT EXTRACTED.

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

‡ = See attached chain-of-custody record for time sampled

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ROCKY HILL, CT 06067

3/17/2009

Purchase Order No.:

Project Location: FACTORY H, MERIDEN
Date Received: 3/6/2009
Field Sample # : ME-MW-02 4.5-5 FT

LIMS-BAT #: LIMT-23748
Job Number: 60073489

Sample ID : 09B06850 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Thallium	ug/L	ND	03/16/09	KMT	1.00			

Field Sample # : ME-SS-09 1-1.5 FT

Sample ID : 09B06858 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Thallium	ug/L	ND	03/16/09	KMT	1.00			

Analytical Method:
SW846 1312/6020
SYNTHETIC PRECIPITATION LEACHING PROCEDURE (SPLP). SAMPLES ARE LEACHED FOR 16-20 HOURS IN THE APPROPRIATE LEACHING SOLUTION ACCORDING TO SPLP AND ANALYZED BY ICPMS. WATER SAMPLES ARE FILTERED, NOT EXTRACTED.

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ROCKY HILL, CT 06067

3/17/2009

Purchase Order No.:

Project Location: FACTORY H, MERIDEN
Date Received: 3/6/2009
Field Sample # : ME-MW-02 4.5-5 FT

LIMS-BAT #: LIMT-23748
Job Number: 60073489

Sample ID : 09B06850 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Vanadium	ug/L	ND	03/16/09	KMT	25.0			

Field Sample # : ME-SS-09 1-1.5 FT

Sample ID : 09B06858 ‡Sampled : 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Vanadium	ug/L	ND	03/16/09	KMT	50.0			

Analytical Method:
SW846 1312/6020
SYNTHETIC PRECIPITATION LEACHING PROCEDURE (SPLP). SAMPLES ARE LEACHED FOR 16-20 HOURS IN THE APPROPRIATE LEACHING SOLUTION ACCORDING TO SPLP AND ANALYZED BY ICPMS. WATER SAMPLES ARE FILTERED, NOT EXTRACTED.

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ROCKY HILL, CT 06067

3/17/2009

Purchase Order No.:

Project Location: FACTORY H, MERIDEN
Date Received: 3/6/2009
Field Sample # : ME-SB-05 5.5-6 FT

LIMS-BAT #: LIMT-23748
Job Number: 60073489

Sample ID : 09B06851

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Mercury	mg/l leachate	ND	03/12/09	KM	0.00010		0.2	P

Analytical Method:
SW846 1312/7470

SW846 1312 SYNTHETIC PRECIPITATION LEACHING PROCEDURE (SPLP). SAMPLES ARE LEACHED FOR 16-20 HOURS IN THE APPROPRIATE SOLUTION ACCORDING TO SPLP. WATER SAMPLES ARE FILTERED, NOT EXTRACTED.

SW846 7470 MERCURY LEACHATE IS ANALYZED BY COLD VAPOR (FLAMELESS) ATOMIC ABSORPTION SPECTROPHOTOMETRY.

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* = See end of report for comments and notes applying to this sample

‡ = See attached chain-of-custody record for time sampled

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ROCKY HILL, CT 06067

3/17/2009

Purchase Order No.:

Project Location: FACTORY H, MERIDEN
Date Received: 3/6/2009

LIMS-BAT #: LIMT-23748
Job Number: 60073489

** END OF REPORT **

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

* = See end of report for comments and notes applying to this sample

‡ = See attached chain-of-custody record for time sampled

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/17/2009 Lims Bat # : LIMT-23748

QC Batch Number: BATCH-16246

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B06858					
	Chromium	Sample Amount	<100.	ug/L	
		Matrix Spk Amt Added	500.00	ug/L	
		MS Amt Measured	470.10	ug/L	
		Matrix Spike % Rec.	94.02	%	75-125
	Lead	Sample Amount	<5.00	ug/L	
		Matrix Spk Amt Added	500.00	ug/L	
		MS Amt Measured	498.20	ug/L	
		Matrix Spike % Rec.	99.64	%	75-125
	Antimony	Sample Amount	<5.00	ug/L	
		Matrix Spk Amt Added	500.00	ug/L	
		MS Amt Measured	477.90	ug/L	
		Matrix Spike % Rec.	95.58	%	75-125
	Thallium	Sample Amount	<1.00	ug/L	
		Matrix Spk Amt Added	500.00	ug/L	
		MS Amt Measured	463.30	ug/L	
		Matrix Spike % Rec.	92.66	%	75-125
	Vanadium	Sample Amount	<50.0	ug/L	
		Matrix Spk Amt Added	500.00	ug/L	
		MS Amt Measured	486.50	ug/L	
		Matrix Spike % Rec.	97.30	%	75-125
BLANK-130665					
	Silver	Blank	<2.50	ug/L	
	Arsenic	Blank	<2.00	ug/L	
	Barium	Blank	<250.	ug/L	
	Chromium	Blank	<50.0	ug/L	
	Copper	Blank	<25.0	ug/L	
	Nickel	Blank	<25.0	ug/L	
	Lead	Blank	<5.00	ug/L	
	Antimony	Blank	<5.00	ug/L	
	Thallium	Blank	<1.00	ug/L	
	Vanadium	Blank	<25.0	ug/L	
LFBLANK-92863					
	Silver	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	530.70	ug/L	
		Lab Fort Blk. % Rec.	106.14	%	80-120
	Arsenic	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	476.30	ug/L	
		Lab Fort Blk. % Rec.	95.26	%	80-120
	Barium	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	457.80	ug/L	
		Lab Fort Blk. % Rec.	91.56	%	80-120
	Chromium	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	451.10	ug/L	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/17/2009 Lims Bat # : LIMT-23748

QC Batch Number: BATCH-16246

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-92863					
	Chromium	Lab Fort Blk. % Rec.	90.22	%	80-120
	Copper	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	455.90	ug/L	
		Lab Fort Blk. % Rec.	91.18	%	80-120
	Nickel	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	448.60	ug/L	
		Lab Fort Blk. % Rec.	89.72	%	80-120
	Lead	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	475.30	ug/L	
		Lab Fort Blk. % Rec.	95.06	%	80-120
	Antimony	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	459.80	ug/L	
		Lab Fort Blk. % Rec.	91.96	%	80-120
	Thallium	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	439.70	ug/L	
		Lab Fort Blk. % Rec.	87.94	%	80-120
	Vanadium	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	451.90	ug/L	
		Lab Fort Blk. % Rec.	90.38	%	80-120

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/17/2009 Lims Bat # : LIMT-23748

QC Batch Number: BATCH-16247

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B06857					
	Copper	Sample Amount	120.00	ug/L	
		Matrix Spk Amt Added	500.00	ug/L	
		MS Amt Measured	588.20	ug/L	
		Matrix Spike % Rec.	93.64	%	75-125
	Selenium	Sample Amount	<25.0	ug/L	
		Matrix Spk Amt Added	500.00	ug/L	
		MS Amt Measured	476.90	ug/L	
		Matrix Spike % Rec.	95.38	%	75-125
BLANK-130668					
	Copper	Blank	<25.0	ug/L	
	Selenium	Blank	<25.0	ug/L	
LFBLANK-92865					
	Copper	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	473.10	ug/L	
		Lab Fort Blk. % Rec.	94.62	%	80-120
	Selenium	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	478.50	ug/L	
		Lab Fort Blk. % Rec.	95.70	%	80-120

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/17/2009 Lims Bat # : LIMT-23748

QC Batch Number: BATCH-16248

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B06852					
	Copper	Sample Amount	6758.00	ug/L	
		Matrix Spk Amt Added	500.00	ug/L	
		MS Amt Measured	7578.00	ug/L	
		Matrix Spike % Rec.	164.00	%	75-125
BLANK-130671					
	Copper	Blank	<25.0	ug/L	
LFBLANK-92868					
	Copper	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	454.90	ug/L	
		Lab Fort Blk. % Rec.	90.98	%	80-120

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/17/2009 Lims Bat # : LIMT-23748

QC Batch Number: CYANIDE-3241

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B06849					
	Cyanide	Sample Amount	<0.010	mg/l	
		Matrix Spk Amt Added	0.389	mg/l	
		MS Amt Measured	0.323	mg/l	
		Matrix Spike % Rec.	83.033	%	75-125
		MSD Amount Added	0.389	mg/l	
		MSD Amt Measured	0.322	mg/l	
		MSD % Recovery	82.776	%	
		MSD Range	0.257	units	
		MS Duplicate RPD	0.310	%	20 Max.
BLANK-130707					
	Cyanide	Blank	<0.010	mg/l	
LFBLANK-92902					
	Cyanide	Lab Fort Blank Amt.	0.783	mg/l	
		Lab Fort Blk. Found	0.637	mg/l	
		Lab Fort Blk. % Rec.	81.353	%	
STDADD-35375					
	Cyanide	Standard Measured	0.330	mg/l	
		Standard Amt Added	0.389	mg/l	
		Standard % Recovery	84.832	%	80-120

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/17/2009 Lims Bat # : LIMT-23748

QC Batch Number: HG/TCLP-3483

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B06851					
	Mercury	Sample Amount	<0.00010	mg/l leachate	
		Matrix Spk Amt Added	0.00200	mg/l leachate	
		MS Amt Measured	0.00193	mg/l leachate	
		Matrix Spike % Rec.	96.70000	%	75-125
BLANK-130558					
	Mercury	Blank	<0.00010	mg/l leachate	
LFBLANK-92747					
	Mercury	Lab Fort Blank Amt.	0.00200	mg/l leachate	
		Lab Fort Blk. Found	0.00190	mg/l leachate	
		Lab Fort Blk. % Rec.	95.15000	%	80-120

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

QUALITY CONTROL DEFINITIONS AND ABBREVIATIONS

QC BATCH NUMBER	This is the number assigned to all samples analyzed together that would be subject to comparison with a particular set of Quality Control Data.
LIMITS	Upper and Lower Control Limits for the QC ANALYSIS Reported. All values normally would fall within these statistically determined limits, unless there is an unusual circumstance that would be documented in a NOTE appearing on the last page of the QC SUMMARY REPORT. Not all QC results will have Limits defined.
Sample Amount	Amount of analyte found in a sample.
Blank	Method Blank that has been taken though all the steps of the analysis.
LFBLANK	Laboratory Fortified Blank (a control sample)
STDADD	Standard Added (a laboratory control sample)
Matrix Spk Amt Added	Amount of analyte spiked into a sample
MS Amt Measured	Amount of analyte found including amount that was spiked
Matrix Spike % Rec.	% Recovery of spiked amount in sample.
Duplicate Value	The result from the Duplicate analysis of the sample.
Duplicate RPD	The Relative Percent Difference between two Duplicate Analyses.
Surrogate Recovery	The % Recovery for non-environmental compounds (surrogates) spiked into samples to determine the performance of the analytical methods.
Sur. Recovery (ELCD)	Surrogate Recovery on the Electrolytic Conductivity Detector.
Sur. Recovery (PID)	Surrogate Recovery on the Photoionization Detector.
Standard Measured	Amount measured for a laboratory control sample
Standard Amt Added	Known value for a laboratory control sample
Standard % Recovery	% recovered for a laboratory control sample with a known value.
Lab Fort Blank Amt	Laboratory Fortified Blank Amount Added
Lab Fort Blk. Found	Laboratory Fortified Blank Amount Found
Lab Fort Blk % Rec	Laboratory Fortified Blank % Recovered
Dup Lab Fort Bl Amt	Duplicate Laboratory Fortified Blank Amount Added
Dup Lab Fort Bl Fnd	Duplicate Laboratory Fortified Blank Amount Found
Dup Lab Fort Bl % Rec	Duplicate Laboratory Fortified Blank % Recovery
Lab Fort Blank Range	Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified Blank Duplicate).
Lab Fort Bl. Av. Rec.	Laboratory Fortified Blank Average Recovery
Duplicate Sample Amt	Sample Value for Duplicate used with Matrix Spike Duplicate
MSD Amount Added	Matrix Spike Duplicate Amount Added (Spiked)
MSD Amt Measured	Matrix Spike Duplicate Amount Measured
MSD % Recovery	Matrix Spike Duplicate % Recovery
MSD Range	Absolute difference between Matrix Spike and Matrix Spike Duplicate Recoveries

REASONABLE CONFIDENCE PROTOCOL

LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory *Client:* AECOM Rocky Hill, CT

Project Location: Factory H, Meriden *Project Number:* LIMT - 23748

Laboratory Sample ID(s): 09B06848 - 09B06858 *Sampling Date(s):* 2/17-19/09

List RCP Methods Used (e.g., 8260, 8270, et cetera): 1312, 7470, 6020

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 or 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° C°)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	☒Yes ☐ No ☒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: M Erickson **Position:** Assistant Laboratory Director

Printed Name: Michael Erickson **Date:** 3/17/09

Name of Laboratory: CON-TEST ANALYTICAL LABORATORY

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

Lmt # 23748

CHAIN OF CUSTODY RECORD

~~Lmt # 23441~~

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EAST LONGMEADOW, MA 01028

Company Name: AECOM
Address: 500 ENTERPRISE DR SUITE 1A ROCKY HILL CT
Attention: SPRINKLE / J BONDOS
Project Location: FACTORY H MELDEN
Sampled By: SPRINKLE

Telephone: (860) 263 5800
Project # 60073489
Client PO #

DATA DELIVERY (check one):
☐ FAX ☐ EMAIL ☒ WEBSITE CLIENT
Fax #:
Email:
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY
☐ OTHER

Proposal Provided? (For Billing purposes) ☒ yes 11/08 proposal date
State Form Required? ☐ yes ☒ no

ANALYSIS REQUESTED

Field ID	Sample Description	Lab # 09B	Date Sampled Start Date/Time	Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	VOCs 8260	PAHs	RCRA 8 Metals	CT DEP 15 Metals	ETPH (CT Method)	Cyanide	#Glass Jars 8oz or 4oz	SPLP Cyanide	SPLP-Metals-Cr, Pb	SPLP-Sb, As, Pb, Ni, Ag, Tl, V	# of containers
									I										**Preservation
									G										~Cont.Code
★	ME-SB-01 0.5-1.5'	~~04758~~ 06848	2-19-09	145		X	S	U	X	X	X		X	X	3	X	X		
★	ME-SB-01 8-9'	~~04759~~ 06849		155		X			X	X	~~3~~ X	X	X	X	3	X			
	ME-SB-01 11.5-12.5	04980		210		X			H						2				
	ME-SB-02 1-2'	04980		220		X			X	X	X		X	X	1				
	ME-SB-02 8-9'	04981		230		X			X	X	X		X	X	2				
	ME-SB-02 9-10'	~~04963~~		240		X			H						2				
	ME-MW-02 0.5-1.5'	~~04986~~		840		X			H						2				
★	ME-MW-02 4.5-5'	~~04987~~ 06850	2-19-09	855		X	S	U	X	X		X	X	X	1			X	

~Cont. Code: A=amber glass, G=glass, P=plastic, ST=sterile, V=vial, S=summa can, T=tedlar bag, O=Other

Client Comments: H = HOLD SAMPLE FOR FUTURE ACTIVATION

DI VIALS / ENCORE FROZEN AT: 02-20-09 14:52 OUT

Laboratory Comments:
★ Samples activated for SPLP analysis per Sarah P. HF 3/6/09
See Select List

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) Sprinkle	Date/Time: 2-19-09 4:30	
Received by: (signature) Holly Folsom	Date/Time: 2/20/09 12:50pm	
Relinquished by: (signature) Holly Folsom	Date/Time: 2/20/09 14:32	
Received by: (signature) Temp 5C	Date/Time: 2/20/09 1422	

Turnaround **
☒ 5-Day ☒ 7-Day
☐ 10-Day
☐ Other
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? GAPMC RCRL
Data Enhancement Project/RCP? ☒ Y ☐ N
Special Requirements or DL's: RSRS

***Matrix Code:**
GW = groundwater
WW = wastewater
DW = drinking water
A = air
S = soil/solid
SL = sludge
O = other

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other DI H2O
X = Na hydroxide
T = Na thiosulfate

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY YOUR CLIENT.

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Fax: 413-525-6405
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Cont # 23748

CHAIN OF CUSTODY RECORD

L: ~~MA-23411~~

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: AECOM
Address: ROCKY HILL
Attention: SPRIHACA / SBONDOS
Project Location: FACTORY H - MELDEN
Sampled By: SPRIHACA

Telephone: (860) 263 5800
Project # 60073489
Client PO #

DATA DELIVERY (check one):
☐ FAX ☐ EMAIL ☒ WEBSITE CLIENT
Fax # :
Email:
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY ☐ OTHER

Proposal Provided? (For Billing purposes) ☒ yes 11/08 proposal date

State Form Required? ☐ yes ☒ no

Field ID	Sample Description	Lab # 09B	Date Sampled Start Date/Time	Stop Date/Time	Composite	Grab	Matrix Code	Conc. Code	VOCs 8260	PAHs	RCRA 8 METALS	OTHER 15 METALS	CTEPH	CYANIDE	#GLASS JARS 8 oz 4 oz	SPLP-Ba, Cr, Pb, Hg, Ag
									3							
									VOA	H	I					
									V	G						
	NE-SB-05 0.5-1.5'	04968		1:20		X	S	U	X	X	X	X	X	X	1	
(*)	NE-SB-05 5.5-6'	~~04969~~ 06851		1:30		X	S	U	X	X	X	X	X	X	1	X
	TB 021909	04970		—				C	X						NK	
	EB 021909	04971		5:00		X	O	C	X	X		X	X	X		

ANALYSIS REQUESTED

# of containers
**Preservation
~Cont.Code

~Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V=vial
S=summa can
T=tedlar bag
O=Other

Client Comments:
EB = 2 VIALS 3 NITRIC 1 NaOH 4 1L AMBER

Laboratory Comments: (*) SPLP-reactivation for metals per Sarah P. HF 3/6/09

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

DL VIALS / ENCORE FROZEN AT: 02-20-09 14:52

Relinquished by: (signature)	Date/Time: 2-19-09 4:30	
Received by: (signature)	Date/Time: 2/20/09 12:50pm	
Relinquished by: (signature)	Date/Time: 2/20/09 14:22	
Received by: (signature) Temp 5°C	Date/Time: 2/20/09 14:22	

Turnaround **
☒ 5-Day
☐ 10-Day
☐ Other
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? GAPMC RES
Data Enhancement Project/RCP? ☒ Y ☐ N
Special Requirements or DL's: RSRS

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other LAB DI

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other
X = Na hydroxide
T = Na thiosulfate

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

AIHA, NELAC & WBE/DBE Certified

PW

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www.contestlabs.com

Lmt # 23748

CHAIN OF CUSTODY RECORD

~~Lmt # 23332~~

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: AECOM
Address: 500 ENTERPRISE DR, Ste 1A, ROCKY HILL CT
Attention: S. PERHALA / J. BONDOS
Project Location: MOLDEN FACTORY H
Sampled By: SPERHALA / D. SERENICI

Telephone: 860 2635800
Project # 60073489
Client PO #

DATA DELIVERY (check one):
☐ FAX ☐ EMAIL ☒ WEBSITE CLIENT
Fax # :
Email:
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY ☐ OTHER

Proposal Provided? (For Billing purposes) ☒ yes 11/08 proposal date

State Form Required? ☐ yes ☒ no

ANALYSIS REQUESTED

Field ID	Sample Description	Lab # 08B	Date Sampled Start Date/Time	Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	PAHs	Lead	Copper	ETPH	CT DEP 15 metals	VOCs	SPLP metals - Cu	SPLP metals - Pb	# of containers	**Preservation	~Cont.Code
																	1	1	1
																	1	1	1
																	L	G	G
	ME-SS-01 0-1'	04553	2/17/09	11:40		X	S	U	X	X	X								
⊛	ME-SS-02 0-1'	~~04554~~ 06852	2/17/09	12:40		X									X				
	ME-SS-03 0-1'	04555	2/17/09	12:10		X													
	ME-SS-04 0-1'	04556	2/17/09	13:15		X													
⊛	ME-SS-05 0-1'	~~04557~~ 06853	2/17/09	12:00		X									X				
	ME-SS-06 0-1'	04558	2/17/09	13:40		X													
⊛	ME-SS-07 0-1'	~~04559~~ 06854	2/17/09	10:20		X										X			
	ME-SS-08 0-1'	04560	2/17/09	14:00		X													

Laboratory Comments: ⊛ SPLP reactivation for select metals, see list, per Sarah P. HF 2/6/09

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

Client Comments:

01 VIALS / ENCORE FROZEN AT: 02-18-09 14:53 OUT

	Date/Time
Relinquished by: (signature)	2-18-09 9AM
Received by: (signature)	2/18/09 9
Relinquished by: (signature)	2/18/09 2
Received by: (signature) Temp 4°	2/18/09 14:45

Turnaround **
☒ 5-Day
☐ 10-Day
☐ Other
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? MCP / GAPMC
Data Enhancement Project/RCP? ☒ Y ☐ N
Special Requirements or DL's: MRP

***Matrix Code:**
GW = groundwater
WW = wastewater
DW = drinking water
A = air
S = soil/solid
SL = sludge
O = other

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other
X = Na hydroxide
T = Na thiosulfate

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY CLIENT.

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Limit # 23748

CHAIN OF CUSTODY RECORD

~~Limit # 23772~~

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: AECOM
Address: ROCKY HILL
Attention: S FRANCA / S JONES
Project Location: WELLDON FACTORY
Sampled By: S Hall / A Solchet

Telephone: 860 263 5800
Project # 60073489
Client PO #

DATA DELIVERY (check one):
☐ FAX ☐ EMAIL ☒ WEBSITE CLIENT
Fax # :
Email:
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY
☐ OTHER

Proposal Provided? (For Billing purposes) ☒ yes 11/08 proposal date

State Form Required? ☐ yes ☒ no

ANALYSIS REQUESTED

Field ID	Sample Description	Lab # 09R	Date Sampled Start Date/Time	Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	# of containers	**Preservation	Cont. Code
	ME-SS-02 2-4'										
	ME-SS-03 2-4'										
	ME-SS-04 1-4'										
	ME-SS-06 2-4										
	ME-SB-07 4-5'										

HOLD PFAS INSTRUCTION

Client Comments:

Cont. Code: A=amber glass, G=glass, P=plastic, ST=sterile, V=vial, S=summa can, T=tedlar bag, O=Other

Laboratory Comments:

VIALS/ENCORE FROZEN AT: 02-10-09 14:53 OUT

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: 2-18-09 9AM	
Received by: (signature)	Date/Time: 2/18/09 9	
Relinquished by: (signature)	Date/Time: 2/18/09 2:45	
Received by: (signature) Temp 4°C	Date/Time: 2/18/09 14:45	

Turnaround **
☒ 5-Day
☐ 10-Day
☐ Other
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? RS / GA MCL
Data Enhancement Project/RCP? ☒ Y ☐ N
Special Requirements or DL's? RORS

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other
X = Na hydroxide
T = Na thiosulfate

SC

TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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Lmt # 23748

CHAIN OF CUSTODY RECORD

~~Lmt # 23335~~

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: AECOM
Address: ROCKY HILL
Attention: S PEREIRA / J BONDES
Project Location: FACTORY ST - MALDEN
Sampled By: S PEREIRA / D. SOLOMCT

Telephone: (860) 263-5800
Project # 60073489
Client PO #

Proposal Provided? (For Billing purposes) ☒ yes NOV 08 proposal date

State Form Required? ☐ yes ☒ no

DATA DELIVERY (check one):
☐ FAX ☐ EMAIL ☒ WEBSITE CLIENT
Fax # :
Email:
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY ☐ OTHER

ANALYSIS REQUESTED

Field ID	Sample Description	Lab #	Date Sampled Start Date/Time	Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	VOCs	PAH	Lead	Fe Mix	CTDEP 15-Metals	SPLP metals - Pb (*)	SPLP - ~~Sb, Cu, Pb, Ni, Zn~~	# of containers	**Preservation	~Cont.Code
(*)	ME-SB-06 0-1'	~~01561~~ 06855	2/17/09	9:17		X	S		X	X	X			X				
	ME-SB-06 2-3'	01562		9:22		X			X	X	X							
	ME-SB-07 0-1'	01563		9:35					X	X	X							
(*)	ME-SB-07 2-4'	~~01564~~ 06856		9:55					X	X	X			X				
	ME-SS-10 0-1	01565		11:00						X		X						
	ME-SS-11 0-6"	~~01566~~ (*)		14:45						~~X~~		~~X~~	~~X~~		HOLD			
	ME-SS-11 1-1.5'	01567		14:50						X		X	X					
(*)	ME-SS-12 0-1'	~~01569~~ 06857		10:15						X		X	X	X				

Laboratory Comments: (*) SPLP reactivation for select metal per Sarah P. HF 3/6/09

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

Client Comments:

DL ALS / ENCORE
FROZEN AT: 02-18-09 14:53 OHT

Relinquished by: (signature)	Date/Time: 2-18-09 9AM	
Received by: (signature)	Date/Time: 2/18/09 9:00	
Relinquished by: (signature)	Date/Time: 2/18/09 2:40	
Received by: (signature) Temp 4C	Date/Time: 2/18/09 14:45	

Turnaround **
☐ NS ☒ 5-Day
☐ 10-Day
☐ Other
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations?
Data Enhancement Project/RCP? ☐ Y ☐ N
Special Requirements or DL's:

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other
X = Na hydroxide
T = Na thiosulfate

TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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Limit # 23748

CHAIN OF CUSTODY RECORD

~~Limit # 23332~~

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: AECOM
Address: ROCKY HILL
Attention: SP/JD
Project Location: MILLDON FACTORY H
Sampled By: SP/DS

Telephone: (860) 263 5800
Project # 60073489
Client PO #

DATA DELIVERY (check one):
☐ FAX ☐ EMAIL ☒ WEBSITE CLIENT
Fax # :
Email:
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY ☐ OTHER

Proposal Provided? (For Billing purposes) ☒ yes 11/10/8 proposal date

State Form Required? ☐ yes ☒ no

ANALYSIS REQUESTED

Field ID	Sample Description	Lab # 09B	Date Sampled Start Date/Time	Date Sampled Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	VOC	BAHs	Pb	Cyanide	ETPH	15 metals	SPLP - Sb, Cr, Pb, TL and V. (*)	# of containers	**Preservation	~Cont. Code
	~~DUP~~ ME-SB-DUP	04568	2/17/09	9:55		a	S		X	X	X							
	ME-SS DUP	04569		11:00		X	S			X	X	X						
	~~ME-SB-07~~																	
(*)	ME-SS-09 1-1.5'	~~04570~~ 04572		10:25		a	S			X			X	X	(X)			
	ME-SS-09 0-0.5'			10:25		X	S			H2O	P							
	Trip Blank 021709	04571							X									

Laboratory Comments: (*) SPLP Reactivation for Select metals, See List per Sample P. HF 3/6/09

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

DI ALS/ENCORE FROZEN AT:

11-13-09 14:53 OUT

Client Comments:

Relinquished by: (signature)	Date/Time: 2-18-09 AM	
Received by: (signature)	Date/Time: 2/18/09 9:00	
Relinquished by: (signature)	Date/Time: 2/18/09 2:45	
Received by: (signature) Temp 4°C	Date/Time: 2/18/09 14:45	

Turnaround **
☒ 5-Day
☐ 10-Day
☐ Other
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? RCS/GAPMC
Data Enhancement Project/RCP? ☒ Y ☐ N
Special Requirements or DL's: RSD

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other
X = Na hydroxide
T = Na thiosulfate

~Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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Limit # 23748

CHAIN OF CUSTODY RECORD

Limit- ~~23448~~

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39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: AECOM
Address:
ROCKY HILL
Attention: SREHACA / STAVROS
Project Location: FACTORY H - MELDEN
Sampled By: SMP

Telephone: (860) 263 5800
Project # 60073489
Client PO #

DATA DELIVERY (check one):
☐ FAX ☐ EMAIL ☒ WEBSITE CLIENT
Fax # :
Email:
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY
☐ OTHER

Proposal Provided? (For Billing purposes) ☒ yes 11/08 proposal date

State Form Required? ☐ yes ☒ no

ANALYSIS REQUESTED

Field ID	Sample Description	Lab # 09B	Date Sampled Start Date/Time	Date Sampled Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	VOCs 8260	PAHs	RCRA 8 METALS	CTDP 15 METALS	CT ETPH	CYANIDE	HG GLASSJARS 8020 402						# of containers
									3												# of containers
									W/O	I											**Preservation
									V	G											-Cont.Code
	ME-MW-02 8.5-9.5'		2-19-09	9:15		Y	S	U	H						2						
	ME-MW-02 13-14'	04863		9:25		X			X	X	X		X	X	2						
	ME-SB-03 1-2'	04864		11:55		X			X	X	X	X	X	X	2						
	ME-SB-03 7.5-8.5'	04865		12:10		X			X	X	X	X	X	X	2						
	ME-SB-04 0-1'	04866		11:00		X			X	X	X		X	X	2						
	ME-SB-04 4-5'			11:10		X				H					1						
	ME-SB-04 8-9'	04867		11:30		X			X	X	X		X	X	2						
	ME-SB-04 12.5-13.5		2-19-09	11:35		X	S	U	H						2						

-Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

Client Comments:
H=HOLD FOR FUTURE ACTIVATION
02-20-09 14:55
FROZEN AT:
SAMPLES INCORE

Laboratory 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: 2-19-09 4:30	
Received by: (signature)	Date/Time: 2/20/09 12:50pm	
Relinquished by: (signature)	Date/Time: 2/20/09 14:22	
Received by: (signature) Temp 5°	Date/Time: 2/20/09 14:22	

Turnaround **
☒ 5-Day
☐ 10-Day
☐ Other
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? GA/MC/RES
Data Enhancement Project/RCP? ☒ Y ☐ N
Special Requirements or DL's: RSRS

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other DI H2O
X = Na hydroxide
T = Na thiosulfate

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY YOUR CLIENT.

AIHA, NELAC & WBE Certified

Holly L. Folsom

From: "Perhala, Sarah" <Sarah.Perhala@aecom.com>
To: "Holly L. Folsom" <hfolsom@contestlabs.com>
Sent: Friday, March 06, 2009 9:11 AM
Subject: RE: SPLP analyses

Hi Holly

I need to activate some additional samples for SPLP for metals for this project. Standard TAT is fine. The samples are as follows:

23411
LIMT ~~23332~~:
ME-MW-02 (4.5-5FT) Sb, As, Pb, Ni, Ag, Tl, V
ME-SB-01 (0.5-1.5FT) Cyanide, Cr, Pb (Previously asked for PAHs)
ME-SB-01 (8-9 FT) Cyanide
ME-SB-05 (5.5-6 FT) Ba, Cr, Pb, Hg, Ag

23332
LIMT ~~23411~~:
ME-SB-06 (0-1 FT) Pb
ME-SB-07 (2-4 FT) Pb
ME-SS-02 (0-1 FT) Cu
ME-SS-05 (0-1 FT) Cu
ME-SS-07 (0-1 FT) Pb
ME-SS-09 (1-1.5 FT) Sb, Cr, Pb, Tl, V
ME-SS-12 (0-1 FT) Sb, Cr, Cu, Pb, Ni, Ag, Tl, V

Thanks!

From: Holly L. Folsom [mailto:hfolsom@contestlabs.com]
Sent: Thursday, March 05, 2009 10:47 AM
To: Perhala, Sarah
Subject: Re: SPLP analyses

What turnaround time would you like?

> ----- Original Message -----
> **From:** Perhala, Sarah
> **To:** Holly L. Folsom
> **Sent:** Thursday, March 05, 2009 10:46 AM
> **Subject:** RE: SPLP analyses
>
> Sorry – both of those "MW" samples should be "ME"
>
> ---
>
> **From:** Holly L. Folsom [mailto:hfolsom@contestlabs.com]
> **Sent:** Thursday, March 05, 2009 10:27 AM
> **To:** Perhala, Sarah
> **Subject:** Re: SPLP analyses
>
> Hi Sarah,
>
> Thanks for the email. I will get these activated ASAP. If there are any questions, I will let you know.
>
> Thanks, Holly
>
> > ----- Original Message -----
> > **From:** Perhala, Sarah
> > **To:** Holly L. Folsom
> > **Sent:** Thursday, March 05, 2009 10:24 AM
> > **Subject:** SPLP analyses

Hi Holly

I need to activate a couple samples from the Meriden project for SPLP analyses for PAHs as soon as you can – some have already exceeded hold time and 1 may be coming down to the hour

The 2 out of hold time are from LIMT-23332:
ME-SS-02 (0-1')
MW-SS-06 (0-1')

1 is from LIMT-23411:
MW-SB-01 (0.5-1.5')

Please send a confirmation email when you get this so i know the samples are being activated

Thank you!

Sarah Perhala
Environmental Scientist
AECOM Environment
Direct Phone: 860.263.5746
Cell: 860.581.0562
sarah.perhala@aecom.com

Our office has moved! Please note our new address and contact information.

AECOM
500 Enterprise Drive, Suite 1A
Rocky Hill, Connecticut 06067
Office Phone: 860.263.5800
Fax: 860.263.5777
www.aecom.com

Metcalf & Eddy's parent company, AECOM Technology Corporation, is evolving to better serve its global clients. AECOM is forming a global business line – AECOM Environment – by utilizing the skills and capabilities from across its global environmental operations, including resources from ENSR, Earth Tech, STS and Metcalf & Eddy. AECOM Environment is devoted to providing quality environmental services to its global clients. With access to approximately 4,200 staff in 20 countries, AECOM Environment will be one of five new AECOM business lines, which also include AECOM Water, AECOM Transportation, AECOM Design, and AECOM Energy.
AECOM Environment provides a blend of global reach, local knowledge, innovation, and technical excellence in delivering solutions that enhance and sustain the world's built, natural, and social environments. Though our appearance is changing, our commitment to the success of your projects and your organization remains strong. We will keep you apprised of future details.
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SAMPLE REACTIVATION FORM

COMPANY AECOM Rocky Hill LOCATION MC, 7A

CONTACT Sarah Perkala PROJECT ID Factory H-Meriden

CONTACT PHONE 860 263-5800 FAX _____

DATE 3/6/09 TIME 9:45 am TAT 5 day DUE DATE _____

REQUEST TAKEN BY Molly Holcomb GIVEN TO _____

ACTIVATION REQUEST:

* See attached email for SPLP reactivation

SPECIAL INSTRUCTIONS AND TERMS:

FAXED TO CONTACT FOR APPROVAL: Y N

ACTIVATION IS CORRECT PER OUR REQUEST _____ DATE _____
INITIALS

CONTEST FINAL APPROVAL _____

con-test® ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

Lmt #23675 ~~Lmt # 23332~~

(6C)

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: AECOM
Address: 500 ENTERPRISE DR, STE IA, ROCKY HILL, CT
Attention: S. PERHALA / J BONDOS
Project Location: MALDEN FACTORY H
Sampled By: SPERHALA / D SERENOT

Telephone: 860 2635800
Project # 60073489
Client PO #

DATA DELIVERY (check one): ☐FAX ☐EMAIL ☒WEBSITE CLIENT
Fax #:
Email:
Format: ☒EXCEL ☒PDF ☐GIS KEY ☐OTHER

Proposal Provided? (For Billing purposes) ☒ yes 11/08 proposal date

State Form Required? ☐ yes ☒ no

Field ID	Sample Description	Lab # 09B	Date Sampled Start Date/Time	Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	PAHs	Lead	Copper	ETPH	CT MCP 15 metals	VOCs	SPLP PAH								
									# of containers	1	1	1											
									**Preservation	1	1	1											
									~Cont.Code	L	L	L											
	ME-SS-01 0-1'	04553	2/17/09	11:40		X	S	U		X	X	X											
☆	ME-SS-02 0-1'	~~04554~~ 06571	2/17/09	12:40		X									X								
	ME-SS-03 0-1'	04555	2/17/09	12:10		X																	
	ME-SS-04 0-1'	04556	2/17/09	13:15		X																	
	ME-SS-05 0-1'	04557	2/17/09	12:00		X																	
☆	ME-SS-06 0-1'	~~04558~~ 06572	2/17/09	13:40		X									X								
	ME-SS-07 0-1'	04559	2/17/09	10:20		X																	
	ME-SS-08 0-1'	04560	2/17/09	14:00		X																	

ANALYSIS REQUESTED

~Cont. Code: A=amber glass; G=glass; P=plastic; ST=sterile; V=vial; S=summa can; T=tedlar bag; O=Other

Client Comments:

DI VIALS / ENCORE FROZEN AT: 6-12-09 14:55 OUT

Laboratory 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: 2-18-09 9AM	
Received by: (signature)	Date/Time: 2/18/09 9	
Relinquished by: (signature)	Date/Time: 2/18/09 2:45	
Received by: (signature) Temp 4°	Date/Time: 2/18/09 14:45	

Turnaround **
☒ 5-Day
☒ 10-Day
☐ Other
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? MCP / GAPMC
Data Enhancement Project/RCP? ☒ Y ☐ N
Special Requirements or DL's:

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

****Preservation Codes:**
I = Iced
X = Na hydroxide
H = HCL
T = Na thiosulfate
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other

TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS [illegible] TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY THE CLIENT.

AIHA, NELAC & WE[illegible]E Certified

Holly L. Folsom

From: "Perhala, Sarah" <Sarah.Perhala@aecom.com>
To: "Holly L. Folsom" <hfolsom@contestlabs.com>
Sent: Wednesday, March 11, 2009 4:44 PM
Subject: SPLP for Meriden

LIMT - 23748

Hi Holly

Ok i have an answer, for ME-SS-12 (with not enough volume) just run SPLP on copper and selenium.

For ME-SS-09 1-1.5 FT, run SPLP for antimony, chromium, lead, thallium, and vanadium

Thanks!

Sarah Perhala
Environmental Scientist
AECOM Environment
Direct Phone: 860.263.5746
Cell: 860.581.0562
sarah.perhala@aecom.com

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ANALYTICAL LABORATORY
39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

REPORT DATE 3/24/2009

AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067
ATTN: CHRIS SHORES

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23950
JOB NUMBER: 60073489

PROJECT LOCATION: MERIDEN

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST	Subcontract Lab (if any) Cert. Nos.
AOC-11 MW-01	09B07763	GRND WATER	Not Specified	8260 water	
AOC-11 MW-01	09B07763	GRND WATER	Not Specified	as 6020 npw	
AOC-11 MW-01 DU	09B07769	GRND WATER	Not Specified	as 6020 npw	
AOC-17 MW-1	09B07759	GRND WATER	Not Specified	8260 water	
AOC-17 MW-11 DU	09B07770	GRND WATER	Not Specified	zn 6020 npw	
AOC-3 MW-1	09B07766	GRND WATER	Not Specified	8260 water	
ME-MW-01	09B07758	GRND WATER	Not Specified	8260 water	
ME-MW-02 (INSIDE	09B07762	GRND WATER	Not Specified	6020 h2o 14rcp	
ME-MW-02 (INSIDE	09B07762	GRND WATER	Not Specified	8260 water	
ME-MW-02 (INSIDE	09B07762	GRND WATER	Not Specified	cyanide-total	
ME-MW-02 (INSIDE	09B07762	GRND WATER	Not Specified	etph water	
ME-MW-02 (INSIDE	09B07762	GRND WATER	Not Specified	hg (mg/l) wet	
ME-MW-02 (INSIDE	09B07762	GRND WATER	Not Specified	pah - water	
ME-MW-02-DUP (IN	09B07767	GRND WATER	Not Specified	6020 h2o 14rcp	
ME-MW-02-DUP (IN	09B07767	GRND WATER	Not Specified	cyanide-total	
ME-MW-02-DUP (IN	09B07767	GRND WATER	Not Specified	etph water	
ME-MW-02-DUP (IN	09B07767	GRND WATER	Not Specified	hg (mg/l) wet	
ME-MW-02-DUP (IN	09B07767	GRND WATER	Not Specified	pah - water	
MW-100	09B07761	GRND WATER	Not Specified	8260 water	
MW-101	09B07760	GRND WATER	Not Specified	8260 water	
MW-102	09B07765	GRND WATER	Not Specified	8260 water	
MW-102 DUP	09B07768	GRND WATER	Not Specified	8260 water	
MW-11	09B07764	GRND WATER	Not Specified	8260 water	
MW-11	09B07764	GRND WATER	Not Specified	zn 6020 npw	
TB	09B07771	WATER OTHE	Not Specified	8260 water	

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REPORT DATE 3/24/2009

AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067
ATTN: CHRIS SHORES

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23950
JOB NUMBER: 60073489

Comments :

LIMS BATCH NO. : LIMT-23950

CASE NARRATIVE SUMMARY

Recommended sample holding times were not exceeded for all samples unless listed below:
None Exceeded

All samples for the method(s) listed were received preserved properly in the proper containers at 4°C +/- 2 degrees as specified on the chain-of-custody form unless listed below:
All properly preserved

In method 8270, the benzidine tailing factor was outside of method specifications. Reduced sensitivity and resolution is expected for some base/neutral compounds.

In method 8260, the initial and/or continuing calibration did not meet method specifications. For all samples, 1,4-Dioxane was calibrated with a relative response factor <0.05.

In method 8260, any reported result for Acetone, 2-Hexanone, 1,2,4-Trichlorobenzene, Naphthalene, and 1,2,3-Trichlorobenzene in samples 09B07758, 760, 763 - 766, 768, and 771 is estimated and likely to be biased on the low side based on continuing calibration bias.

In method 8260, any reported result for 1,2,3-Trichlorobenzene in samples 09B07758, 760, 763 - 766, 09B07768, and 771 is likely to be biased on the low side based on laboratory fortified blank (laboratory control sample) recovery bias.

In method 8260, any reported result for 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 2-Hexanone, and 1,2-Dibromo-3-chloropropane in samples 09B07758 and 761 - 762 is likely to be biased on the low side based on laboratory fortified blank (laboratory control sample) recovery bias.

There are no other analytical issues which affect the usability of the data.

DETAILED CASE NARRATIVE

CT ETPH METHOD - ADDITIONAL COMMENTS

All CT ETPH samples were analyzed undiluted unless specified below:
No dilutions were performed.

METHOD SW846-6020 - ADDITIONAL COMMENTS

Sample duplicate and matrix spike performed on sample 09B07769. Sample duplicate is not reported due to non detect sample and duplicate results.

For samples 09B07763 and 09B07769, only As was requested and reported.
For samples 09B07764 and 09B07770, only Zn was requested and reported.

METHOD SW846 9014 - ADDITIONAL COMMENTS

A matrix spike and a matrix spike duplicate were performed on sample 09B07767.

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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067
ATTN: CHRIS SHORES

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23950
JOB NUMBER: 60073489

METHOD SW846 8270 WATER - ADDITIONAL COMMENTS

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
Compounds outside of control limits:
None outside of control limits

All 8270 surrogate standard recoveries were within control limits specified by the method unless listed below:

In method 8270, for sample 09B07762, surrogate recovery for Terphenyl-d12 (138%) was outside of control limits, but with method requirements.

All RCP analyte list compounds were reported for method 8270 unless listed below:

Only PAH compounds were requested and reported.

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 specified below:
All other requested reporting limits are met.

METHOD SW846 8260 LOW LEVEL WATER - ADDITIONAL COMMENTS

If dilutions were performed, only one dilution within the linear calibrated region of the curve is reported.
All 8260 samples were analyzed undiluted unless specified below:

Sample	Dilution(s)
09B07760	undilute and 50x
09B07761	undilute and 10x
09B07764	undilute and 10x
09B07765	undilute and 10x
09B07766	undilute and 10x
09B07768	undilute and 10x

In method 8260, samples 09B07761 - 761, 764 - 766, and 768 were diluted due to high levels of target or non-target compounds in the sample.

In method 8260 for 1,1,1,2-Tetrachloroethane in samples 09B07758, 760, 763 - 766, 768, and 771, data is not affected by continuing calibration non-conformance since bias is on the high side and all results are "not detected".

In method 8260 for 1,4-Dioxane in samples 09B07759, and 761 - 762, data is not affected by continuing calibration non-conformance since bias is on the high side and all results are "not detected".

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, Tetrachloroethylene, Tert-butyl Alcohol, Acetone, 1,4-Dioxane, Vinyl Chloride, Chloromethane, Bromomethane, Naphthalene, 2,2-Dichloropropane, Dichlorodifluoromethane, and 2-Hexanone
Compounds outside of control limits:

In method 8260, data is not affected by laboratory fortified blank (laboratory control sample) recovery

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REPORT DATE 3/24/2009

AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067
ATTN: CHRIS SHORES

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23950
JOB NUMBER: 60073489

outlier(s) for 1,1,1,2-Tetrachloroethane since all results are "not detected" and recovery bias is on the high side.

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 listed below:
All other reporting limits were met.

The results of analyses performed are based on samples as submitted to the laboratory and relate only to the items collected and tested.

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations. AIHA accreditations only apply to NIOSH methods and Environmental Lead Analyses.

AIHA 100033	AIHA ELLAP (LEAD) 100033	NORTH CAROLINA CERT. # 652
MASSACHUSETTS MA0100	NEW HAMPSHIRE NELAP 2516	NEW JERSEY NELAP NJ MA007 (AIR)
CONNECTICUT PH-0567	VERMONT DOH (LEAD) No. LL015036	FLORIDA DOH E871027 (AIR)
NEW YORK ELAP/NELAP 10899	RHODE ISLAND (LIC. No. 112)	

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

Edward Denson 3/24/09
SIGNATURE DATE

Tod Kopyscinski
Air Laboratory Manager

Michael Erickson
Assistant Laboratory Director

Edward Denson
Technical Director

Daren Damboragian
Organics Department Supervisor

* See end of data tabulation for notes and comments pertaining to this sample

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CHRIS SHORES
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : ME-MW-02 (INSIDE)

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07762

‡Sampled : 3/13/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Antimony	ug/L	ND	03/18/09	KMT	5.00			
Arsenic	ug/L	ND	03/18/09	KMT	2.00			
Barium	ug/L	ND	03/18/09	KMT	250			
Beryllium	ug/L	ND	03/18/09	KMT	2.00			
Cadmium	ug/L	ND	03/18/09	KMT	2.50			
Chromium	ug/L	ND	03/18/09	KMT	50.0			
Copper	ug/L	57.8	03/18/09	KMT	25.0			
Lead	ug/L	38.8	03/18/09	KMT	5.00			
Nickel	ug/L	306	03/18/09	KMT	25.0			
Selenium	ug/L	ND	03/18/09	KMT	25.0			
Silver	ug/L	ND	03/18/09	KMT	2.50			
Thallium	ug/L	ND	03/18/09	KMT	1.00			
Vanadium	ug/L	ND	03/18/09	KMT	25.0			
Zinc	ug/L	263	03/18/09	KMT	100			

Analytical Method:
SW846 6020
SAMPLES ARE ANALYZED BY ICP/MS

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

‡ = See attached chain-of-custody record for time sampled

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CHRIS SHORES
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : ME-MW-02-DUP (INSIDE)

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07767 ‡Sampled : 3/13/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Antimony	ug/L	ND	03/18/09	KMT	5.00			
Arsenic	ug/L	ND	03/18/09	KMT	2.00			
Barium	ug/L	ND	03/18/09	KMT	250			
Beryllium	ug/L	ND	03/18/09	KMT	2.00			
Cadmium	ug/L	ND	03/18/09	KMT	2.50			
Chromium	ug/L	ND	03/18/09	KMT	50.0			
Copper	ug/L	38.2	03/18/09	KMT	25.0			
Lead	ug/L	ND	03/18/09	KMT	5.00			
Nickel	ug/L	257	03/18/09	KMT	25.0			
Selenium	ug/L	ND	03/18/09	KMT	25.0			
Silver	ug/L	ND	03/18/09	KMT	2.50			
Thallium	ug/L	ND	03/18/09	KMT	1.00			
Vanadium	ug/L	ND	03/18/09	KMT	25.0			
Zinc	ug/L	166	03/18/09	KMT	100			

Analytical Method:
SW846 6020
SAMPLES ARE ANALYZED BY ICP/MS

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CHRIS SHORES
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : AOC-11 MW-01
Sample ID : 09B07763
‡Sampled : 3/12/2009
Not Specified
Sample Matrix: GRND WATER

LIMS-BAT #: LIMT-23950
Job Number: 60073489

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	ug/l	ND	03/17/09	EH	50.0			
Acrylonitrile	ug/l	ND	03/17/09	EH	2.0			
tert-Amylmethyl Ether	ug/l	ND	03/17/09	EH	0.5			
Benzene	ug/l	ND	03/17/09	EH	0.5			
Bromobenzene	ug/l	ND	03/17/09	EH	0.5			
Bromochloromethane	ug/l	ND	03/17/09	EH	0.5			
Bromodichloromethane	ug/l	ND	03/17/09	EH	0.5			
Bromoform	ug/l	ND	03/17/09	EH	0.5			
Bromomethane	ug/l	ND	03/17/09	EH	1.0			
2-Butanone (MEK)	ug/l	ND	03/17/09	EH	2.0			
tert-Butyl Alcohol	ug/l	ND	03/17/09	EH	10.0			
n-Butylbenzene	ug/l	ND	03/17/09	EH	1.0			
sec-Butylbenzene	ug/l	ND	03/17/09	EH	0.5			
tert-Butylbenzene	ug/l	ND	03/17/09	EH	0.5			
tert-Butylethyl Ether	ug/l	ND	03/17/09	EH	0.5			
Carbon Disulfide	ug/l	ND	03/17/09	EH	0.5			
Carbon Tetrachloride	ug/l	ND	03/17/09	EH	0.5			
Chlorobenzene	ug/l	ND	03/17/09	EH	0.5			
Chlorodibromomethane	ug/l	ND	03/17/09	EH	0.5			
Chloroethane	ug/l	ND	03/17/09	EH	1.0			
Chloroform	ug/l	ND	03/17/09	EH	0.5			
Chloromethane	ug/l	ND	03/17/09	EH	0.5			
2-Chlorotoluene	ug/l	ND	03/17/09	EH	0.5			
4-Chlorotoluene	ug/l	ND	03/17/09	EH	1.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	03/17/09	EH	1.0			
1,2-Dibromoethane	ug/l	ND	03/17/09	EH	0.50			
Dibromomethane	ug/l	ND	03/17/09	EH	0.5			
1,2-Dichlorobenzene	ug/l	ND	03/17/09	EH	0.5			
1,3-Dichlorobenzene	ug/l	ND	03/17/09	EH	0.5			

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ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

‡ = See attached chain-of-custody record for time sampled

con-test®
ANALYTICAL LABORATORY
39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

CHRIS SHORES
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : AOC-11 MW-01

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07763

‡Sampled : 3/12/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	ug/l	ND	03/17/09	EH	0.5			
trans-1,4-Dichloro-2-Butene	ug/l	ND	03/17/09	EH	5.0			
Dichlorodifluoromethane	ug/l	ND	03/17/09	EH	0.5			
1,1-Dichloroethane	ug/l	ND	03/17/09	EH	0.5			
1,2-Dichloroethane	ug/l	ND	03/17/09	EH	0.5			
1,1-Dichloroethylene	ug/l	ND	03/17/09	EH	0.5			
cis-1,2-Dichloroethylene	ug/l	ND	03/17/09	EH	0.5			
trans-1,2-Dichloroethylene	ug/l	ND	03/17/09	EH	0.5			
1,2-Dichloropropane	ug/l	ND	03/17/09	EH	0.5			
1,3-Dichloropropane	ug/l	ND	03/17/09	EH	1.0			
2,2-Dichloropropane	ug/l	ND	03/17/09	EH	0.5			
1,1-Dichloropropene	ug/l	ND	03/17/09	EH	0.5			
cis-1,3-Dichloropropene	ug/l	ND	03/17/09	EH	0.5			
trans-1,3-Dichloropropene	ug/l	ND	03/17/09	EH	0.5			
Diethyl Ether	ug/l	ND	03/17/09	EH	0.5			
Diisopropyl Ether	ug/l	ND	03/17/09	EH	0.5			
1,4-Dioxane	ug/l	ND	03/17/09	EH	10.0			
Ethyl Benzene	ug/l	ND	03/17/09	EH	0.5			
Hexachlorobutadiene	ug/l	ND	03/17/09	EH	0.4			
2-Hexanone	ug/l	ND	03/17/09	EH	50.0			
Isopropylbenzene	ug/l	ND	03/17/09	EH	1.0			
p-Isopropyltoluene	ug/l	ND	03/17/09	EH	0.5			
MTBE	ug/l	ND	03/17/09	EH	0.5			
Methylene Chloride	ug/l	ND	03/17/09	EH	1.0			
MIBK	ug/l	ND	03/17/09	EH	2.0			
Naphthalene	ug/l	ND	03/17/09	EH	5.0			
n-Propylbenzene	ug/l	ND	03/17/09	EH	0.5			
Styrene	ug/l	ND	03/17/09	EH	1.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	03/17/09	EH	0.5			

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

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CHRIS SHORES
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : AOC-11 MW-01

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07763

‡Sampled : 3/12/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,1,2,2-Tetrachloroethane	ug/l	ND	03/17/09	EH	0.5			
Tetrachloroethylene	ug/l	ND	03/17/09	EH	0.5			
Tetrahydrofuran	ug/l	ND	03/17/09	EH	5.0			
Toluene	ug/l	ND	03/17/09	EH	0.5			
1,2,3-Trichlorobenzene	ug/l	ND	03/17/09	EH	5.0			
1,2,4-Trichlorobenzene	ug/l	ND	03/17/09	EH	1.0			
1,3,5-Trichlorobenzene	ug/l	ND	03/17/09	EH	1.0			
1,1,1-Trichloroethane	ug/l	ND	03/17/09	EH	1.0			
1,1,2-Trichloroethane	ug/l	ND	03/17/09	EH	0.5			
Trichloroethylene	ug/l	ND	03/17/09	EH	0.5			
Trichlorofluoromethane	ug/l	ND	03/17/09	EH	0.5			
1,2,3-Trichloropropane	ug/l	ND	03/17/09	EH	0.5			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	03/17/09	EH	0.5			
1,2,4-Trimethylbenzene	ug/l	ND	03/17/09	EH	0.5			
1,3,5-Trimethylbenzene	ug/l	ND	03/17/09	EH	0.5			
Vinyl Chloride	ug/l	ND	03/17/09	EH	0.5			
m + p Xylene	ug/l	ND	03/17/09	EH	1.0			
o-Xylene	ug/l	ND	03/17/09	EH	0.5			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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CHRIS SHORES
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : AOC-17 MW-1

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07759

‡Sampled : 3/13/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	ug/l	ND	03/18/09	EH	50.0			
Acrylonitrile	ug/l	ND	03/18/09	EH	2.0			
tert-Amylmethyl Ether	ug/l	ND	03/18/09	EH	0.5			
Benzene	ug/l	ND	03/18/09	EH	0.5			
Bromobenzene	ug/l	ND	03/18/09	EH	0.5			
Bromochloromethane	ug/l	ND	03/18/09	EH	0.5			
Bromodichloromethane	ug/l	ND	03/18/09	EH	0.5			
Bromoform	ug/l	ND	03/18/09	EH	0.5			
Bromomethane	ug/l	ND	03/18/09	EH	1.0			
2-Butanone (MEK)	ug/l	ND	03/18/09	EH	2.0			
tert-Butyl Alcohol	ug/l	ND	03/18/09	EH	10.0			
n-Butylbenzene	ug/l	ND	03/18/09	EH	1.0			
sec-Butylbenzene	ug/l	1.8	03/18/09	EH	0.5			
tert-Butylbenzene	ug/l	ND	03/18/09	EH	0.5			
tert-Butylethyl Ether	ug/l	ND	03/18/09	EH	0.5			
Carbon Disulfide	ug/l	ND	03/18/09	EH	0.5			
Carbon Tetrachloride	ug/l	ND	03/18/09	EH	0.5			
Chlorobenzene	ug/l	ND	03/18/09	EH	0.5			
Chlorodibromomethane	ug/l	ND	03/18/09	EH	0.5			
Chloroethane	ug/l	ND	03/18/09	EH	1.0			
Chloroform	ug/l	ND	03/18/09	EH	0.5			
Chloromethane	ug/l	ND	03/18/09	EH	0.5			
2-Chlorotoluene	ug/l	ND	03/18/09	EH	0.5			
4-Chlorotoluene	ug/l	ND	03/18/09	EH	1.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	03/18/09	EH	1.0			
1,2-Dibromoethane	ug/l	ND	03/18/09	EH	0.50			
Dibromomethane	ug/l	ND	03/18/09	EH	0.5			
1,2-Dichlorobenzene	ug/l	ND	03/18/09	EH	0.5			
1,3-Dichlorobenzene	ug/l	ND	03/18/09	EH	0.5			

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CHRIS SHORES
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : AOC-17 MW-1

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07759

‡Sampled : 3/13/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	ug/l	ND	03/18/09	EH	0.5			
trans-1,4-Dichloro-2-Butene	ug/l	ND	03/18/09	EH	5.0			
Dichlorodifluoromethane	ug/l	ND	03/18/09	EH	0.5			
1,1-Dichloroethane	ug/l	ND	03/18/09	EH	0.5			
1,2-Dichloroethane	ug/l	ND	03/18/09	EH	0.5			
1,1-Dichloroethylene	ug/l	1.3	03/18/09	EH	0.5			
cis-1,2-Dichloroethylene	ug/l	19.0	03/18/09	EH	0.5			
trans-1,2-Dichloroethylene	ug/l	4.6	03/18/09	EH	0.5			
1,2-Dichloropropane	ug/l	ND	03/18/09	EH	0.5			
1,3-Dichloropropane	ug/l	ND	03/18/09	EH	1.0			
2,2-Dichloropropane	ug/l	ND	03/18/09	EH	0.5			
1,1-Dichloropropene	ug/l	ND	03/18/09	EH	0.5			
cis-1,3-Dichloropropene	ug/l	ND	03/18/09	EH	0.5			
trans-1,3-Dichloropropene	ug/l	ND	03/18/09	EH	0.5			
Diethyl Ether	ug/l	ND	03/18/09	EH	0.5			
Diisopropyl Ether	ug/l	ND	03/18/09	EH	0.5			
1,4-Dioxane	ug/l	ND	03/18/09	EH	10.0			
Ethyl Benzene	ug/l	ND	03/18/09	EH	0.5			
Hexachlorobutadiene	ug/l	ND	03/18/09	EH	0.4			
2-Hexanone	ug/l	ND	03/18/09	EH	50.0			
Isopropylbenzene	ug/l	1.0	03/18/09	EH	0.5			
p-Isopropyltoluene	ug/l	ND	03/18/09	EH	0.5			
MTBE	ug/l	ND	03/18/09	EH	0.5			
Methylene Chloride	ug/l	ND	03/18/09	EH	1.0			
MIBK	ug/l	ND	03/18/09	EH	2.0			
Naphthalene	ug/l	ND	03/18/09	EH	5.0			
n-Propylbenzene	ug/l	ND	03/18/09	EH	0.5			
Styrene	ug/l	ND	03/18/09	EH	1.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	03/18/09	EH	0.5			

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CHRIS SHORES
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : AOC-17 MW-1
Sample ID : 09B07759
‡Sampled : 3/13/2009
Not Specified
Sample Matrix: GRND WATER

LIMS-BAT #: LIMT-23950
Job Number: 60073489

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,1,2,2-Tetrachloroethane	ug/l	ND	03/18/09	EH	0.5			
Tetrachloroethylene	ug/l	1.2	03/18/09	EH	0.5			
Tetrahydrofuran	ug/l	ND	03/18/09	EH	5.0			
Toluene	ug/l	ND	03/18/09	EH	0.5			
1,2,3-Trichlorobenzene	ug/l	ND	03/18/09	EH	5.0			
1,2,4-Trichlorobenzene	ug/l	ND	03/18/09	EH	1.0			
1,3,5-Trichlorobenzene	ug/l	ND	03/18/09	EH	1.0			
1,1,1-Trichloroethane	ug/l	ND	03/18/09	EH	1.0			
1,1,2-Trichloroethane	ug/l	ND	03/18/09	EH	0.5			
Trichloroethylene	ug/l	4.8	03/18/09	EH	0.5			
Trichlorofluoromethane	ug/l	ND	03/18/09	EH	0.5			
1,2,3-Trichloropropane	ug/l	ND	03/18/09	EH	0.5			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	03/18/09	EH	0.5			
1,2,4-Trimethylbenzene	ug/l	ND	03/18/09	EH	0.5			
1,3,5-Trimethylbenzene	ug/l	ND	03/18/09	EH	0.5			
Vinyl Chloride	ug/l	43.9	03/18/09	EH	0.5			
m + p Xylene	ug/l	ND	03/18/09	EH	1.0			
o-Xylene	ug/l	0.8	03/18/09	EH	0.5			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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CHRIS SHORES
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : AOC-3 MW-1
Sample ID : 09B07766
‡Sampled : 3/12/2009
Not Specified
Sample Matrix: GRND WATER

LIMS-BAT #: LIMT-23950
Job Number: 60073489

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	ug/l	ND	03/17/09	EH	50.0			
Acrylonitrile	ug/l	ND	03/17/09	EH	2.0			
tert-Amylmethyl Ether	ug/l	ND	03/17/09	EH	0.5			
Benzene	ug/l	ND	03/17/09	EH	0.5			
Bromobenzene	ug/l	ND	03/17/09	EH	0.5			
Bromochloromethane	ug/l	ND	03/17/09	EH	0.5			
Bromodichloromethane	ug/l	ND	03/17/09	EH	0.5			
Bromoform	ug/l	ND	03/17/09	EH	0.5			
Bromomethane	ug/l	ND	03/17/09	EH	1.0			
2-Butanone (MEK)	ug/l	ND	03/17/09	EH	2.0			
tert-Butyl Alcohol	ug/l	ND	03/17/09	EH	10.0			
n-Butylbenzene	ug/l	ND	03/17/09	EH	1.0			
sec-Butylbenzene	ug/l	ND	03/17/09	EH	0.5			
tert-Butylbenzene	ug/l	ND	03/17/09	EH	0.5			
tert-Butylethyl Ether	ug/l	ND	03/17/09	EH	0.5			
Carbon Disulfide	ug/l	ND	03/17/09	EH	0.5			
Carbon Tetrachloride	ug/l	ND	03/17/09	EH	0.5			
Chlorobenzene	ug/l	ND	03/17/09	EH	0.5			
Chlorodibromomethane	ug/l	ND	03/17/09	EH	0.5			
Chloroethane	ug/l	ND	03/17/09	EH	1.0			
Chloroform	ug/l	ND	03/17/09	EH	0.5			
Chloromethane	ug/l	ND	03/17/09	EH	0.5			
2-Chlorotoluene	ug/l	ND	03/17/09	EH	0.5			
4-Chlorotoluene	ug/l	ND	03/17/09	EH	1.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	03/17/09	EH	1.0			
1,2-Dibromoethane	ug/l	ND	03/17/09	EH	0.50			
Dibromomethane	ug/l	ND	03/17/09	EH	0.5			
1,2-Dichlorobenzene	ug/l	ND	03/17/09	EH	0.5			
1,3-Dichlorobenzene	ug/l	ND	03/17/09	EH	0.5			

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AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : AOC-3 MW-1
Sample ID : 09B07766
Sample Matrix: GRND WATER

LIMS-BAT #: LIMT-23950
Job Number: 60073489

‡Sampled : 3/12/2009
Not Specified

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	ug/l	ND	03/17/09	EH	0.5			
trans-1,4-Dichloro-2-Butene	ug/l	ND	03/17/09	EH	5.0			
Dichlorodifluoromethane	ug/l	ND	03/17/09	EH	0.5			
1,1-Dichloroethane	ug/l	ND	03/17/09	EH	0.5			
1,2-Dichloroethane	ug/l	ND	03/17/09	EH	0.5			
1,1-Dichloroethylene	ug/l	ND	03/17/09	EH	0.5			
cis-1,2-Dichloroethylene	ug/l	40.0	03/17/09	EH	0.5			
trans-1,2-Dichloroethylene	ug/l	1.0	03/17/09	EH	0.5			
1,2-Dichloropropane	ug/l	ND	03/17/09	EH	0.5			
1,3-Dichloropropane	ug/l	ND	03/17/09	EH	1.0			
2,2-Dichloropropane	ug/l	ND	03/17/09	EH	0.5			
1,1-Dichloropropene	ug/l	ND	03/17/09	EH	0.5			
cis-1,3-Dichloropropene	ug/l	ND	03/17/09	EH	0.5			
trans-1,3-Dichloropropene	ug/l	ND	03/17/09	EH	0.5			
Diethyl Ether	ug/l	ND	03/17/09	EH	0.5			
Diisopropyl Ether	ug/l	ND	03/17/09	EH	0.5			
1,4-Dioxane	ug/l	ND	03/17/09	EH	10.0			
Ethyl Benzene	ug/l	ND	03/17/09	EH	0.5			
Hexachlorobutadiene	ug/l	ND	03/17/09	EH	0.4			
2-Hexanone	ug/l	ND	03/17/09	EH	50.0			
Isopropylbenzene	ug/l	ND	03/17/09	EH	1.0			
p-Isopropyltoluene	ug/l	ND	03/17/09	EH	0.5			
MTBE	ug/l	ND	03/17/09	EH	0.5			
Methylene Chloride	ug/l	ND	03/17/09	EH	1.0			
MIBK	ug/l	ND	03/17/09	EH	2.0			
Naphthalene	ug/l	ND	03/17/09	EH	5.0			
n-Propylbenzene	ug/l	ND	03/17/09	EH	0.5			
Styrene	ug/l	ND	03/17/09	EH	1.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	03/17/09	EH	0.5			

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

CHRIS SHORES
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : AOC-3 MW-1

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07766

‡Sampled : 3/12/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,1,2,2-Tetrachloroethane	ug/l	ND	03/17/09	EH	0.5			
Tetrachloroethylene	ug/l	112	03/17/09	EH	0.5			
Tetrahydrofuran	ug/l	ND	03/17/09	EH	5.0			
Toluene	ug/l	ND	03/17/09	EH	0.5			
1,2,3-Trichlorobenzene	ug/l	ND	03/17/09	EH	5.0			
1,2,4-Trichlorobenzene	ug/l	ND	03/17/09	EH	1.0			
1,3,5-Trichlorobenzene	ug/l	ND	03/17/09	EH	1.0			
1,1,1-Trichloroethane	ug/l	ND	03/17/09	EH	1.0			
1,1,2-Trichloroethane	ug/l	ND	03/17/09	EH	0.5			
Trichloroethylene	ug/l	36.4	03/17/09	EH	0.5			
Trichlorofluoromethane	ug/l	ND	03/17/09	EH	0.5			
1,2,3-Trichloropropane	ug/l	ND	03/17/09	EH	0.5			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	0.6	03/17/09	EH	0.5			
1,2,4-Trimethylbenzene	ug/l	ND	03/17/09	EH	0.5			
1,3,5-Trimethylbenzene	ug/l	ND	03/17/09	EH	0.5			
Vinyl Chloride	ug/l	7.4	03/17/09	EH	0.5			
m + p Xylene	ug/l	ND	03/17/09	EH	1.0			
o-Xylene	ug/l	ND	03/17/09	EH	0.5			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

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NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

‡ = See attached chain-of-custody record for time sampled

con-test®
ANALYTICAL LABORATORY
39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

CHRIS SHORES
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : ME-MW-01

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07758

‡Sampled : 3/13/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	ug/l	ND	03/17/09	EH	50.0			
Acrylonitrile	ug/l	ND	03/17/09	EH	2.0			
tert-Amylmethyl Ether	ug/l	ND	03/17/09	EH	0.5			
Benzene	ug/l	ND	03/17/09	EH	0.5			
Bromobenzene	ug/l	ND	03/17/09	EH	0.5			
Bromochloromethane	ug/l	ND	03/17/09	EH	0.5			
Bromodichloromethane	ug/l	ND	03/17/09	EH	0.5			
Bromoform	ug/l	ND	03/17/09	EH	0.5			
Bromomethane	ug/l	ND	03/17/09	EH	1.0			
2-Butanone (MEK)	ug/l	ND	03/17/09	EH	2.0			
tert-Butyl Alcohol	ug/l	ND	03/17/09	EH	10.0			
n-Butylbenzene	ug/l	ND	03/17/09	EH	1.0			
sec-Butylbenzene	ug/l	ND	03/17/09	EH	0.5			
tert-Butylbenzene	ug/l	ND	03/17/09	EH	0.5			
tert-Butylethyl Ether	ug/l	ND	03/17/09	EH	0.5			
Carbon Disulfide	ug/l	ND	03/17/09	EH	0.5			
Carbon Tetrachloride	ug/l	ND	03/17/09	EH	0.5			
Chlorobenzene	ug/l	ND	03/17/09	EH	0.5			
Chlorodibromomethane	ug/l	ND	03/17/09	EH	0.5			
Chloroethane	ug/l	ND	03/17/09	EH	1.0			
Chloroform	ug/l	ND	03/17/09	EH	0.5			
Chloromethane	ug/l	ND	03/17/09	EH	0.5			
2-Chlorotoluene	ug/l	ND	03/17/09	EH	0.5			
4-Chlorotoluene	ug/l	ND	03/17/09	EH	1.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	03/17/09	EH	1.0			
1,2-Dibromoethane	ug/l	ND	03/17/09	EH	0.50			
Dibromomethane	ug/l	ND	03/17/09	EH	0.5			
1,2-Dichlorobenzene	ug/l	ND	03/17/09	EH	0.5			
1,3-Dichlorobenzene	ug/l	ND	03/17/09	EH	0.5			

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CHRIS SHORES
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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : ME-MW-01

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07758

‡Sampled : 3/13/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	ug/l	ND	03/17/09	EH	0.5			
trans-1,4-Dichloro-2-Butene	ug/l	ND	03/17/09	EH	5.0			
Dichlorodifluoromethane	ug/l	ND	03/17/09	EH	0.5			
1,1-Dichloroethane	ug/l	ND	03/17/09	EH	0.5			
1,2-Dichloroethane	ug/l	ND	03/17/09	EH	0.5			
1,1-Dichloroethylene	ug/l	ND	03/17/09	EH	0.5			
cis-1,2-Dichloroethylene	ug/l	5.9	03/17/09	EH	0.5			
trans-1,2-Dichloroethylene	ug/l	ND	03/17/09	EH	0.5			
1,2-Dichloropropane	ug/l	ND	03/17/09	EH	0.5			
1,3-Dichloropropane	ug/l	ND	03/17/09	EH	1.0			
2,2-Dichloropropane	ug/l	ND	03/17/09	EH	0.5			
1,1-Dichloropropene	ug/l	ND	03/17/09	EH	0.5			
cis-1,3-Dichloropropene	ug/l	ND	03/17/09	EH	0.5			
trans-1,3-Dichloropropene	ug/l	ND	03/17/09	EH	0.5			
Diethyl Ether	ug/l	ND	03/17/09	EH	0.5			
Diisopropyl Ether	ug/l	ND	03/17/09	EH	0.5			
1,4-Dioxane	ug/l	ND	03/17/09	EH	10.0			
Ethyl Benzene	ug/l	ND	03/17/09	EH	0.5			
Hexachlorobutadiene	ug/l	ND	03/17/09	EH	0.4			
2-Hexanone	ug/l	ND	03/17/09	EH	50.0			
Isopropylbenzene	ug/l	ND	03/17/09	EH	1.0			
p-Isopropyltoluene	ug/l	ND	03/17/09	EH	0.5			
MTBE	ug/l	ND	03/17/09	EH	0.5			
Methylene Chloride	ug/l	ND	03/17/09	EH	1.0			
MIBK	ug/l	ND	03/17/09	EH	2.0			
Naphthalene	ug/l	ND	03/17/09	EH	5.0			
n-Propylbenzene	ug/l	ND	03/17/09	EH	0.5			
Styrene	ug/l	ND	03/17/09	EH	1.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	03/17/09	EH	0.5			

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CHRIS SHORES
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : ME-MW-01

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07758

‡Sampled : 3/13/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,1,2,2-Tetrachloroethane	ug/l	ND	03/17/09	EH	0.5			
Tetrachloroethylene	ug/l	30.6	03/17/09	EH	0.5			
Tetrahydrofuran	ug/l	ND	03/17/09	EH	5.0			
Toluene	ug/l	ND	03/17/09	EH	0.5			
1,2,3-Trichlorobenzene	ug/l	ND	03/17/09	EH	5.0			
1,2,4-Trichlorobenzene	ug/l	ND	03/17/09	EH	1.0			
1,3,5-Trichlorobenzene	ug/l	ND	03/17/09	EH	1.0			
1,1,1-Trichloroethane	ug/l	ND	03/17/09	EH	1.0			
1,1,2-Trichloroethane	ug/l	ND	03/17/09	EH	0.5			
Trichloroethylene	ug/l	59.4	03/17/09	EH	0.5			
Trichlorofluoromethane	ug/l	ND	03/17/09	EH	0.5			
1,2,3-Trichloropropane	ug/l	ND	03/17/09	EH	0.5			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	03/17/09	EH	0.5			
1,2,4-Trimethylbenzene	ug/l	ND	03/17/09	EH	0.5			
1,3,5-Trimethylbenzene	ug/l	ND	03/17/09	EH	0.5			
Vinyl Chloride	ug/l	ND	03/17/09	EH	0.5			
m + p Xylene	ug/l	ND	03/17/09	EH	1.0			
o-Xylene	ug/l	ND	03/17/09	EH	0.5			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : ME-MW-02 (INSIDE)
Sample ID : 09B07762
‡Sampled : 3/13/2009
Not Specified
Sample Matrix: GRND WATER

LIMS-BAT #: LIMT-23950
Job Number: 60073489

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	ug/l	ND	03/18/09	EH	50.0			
Acrylonitrile	ug/l	ND	03/18/09	EH	2.0			
tert-Amylmethyl Ether	ug/l	ND	03/18/09	EH	0.5			
Benzene	ug/l	ND	03/18/09	EH	0.5			
Bromobenzene	ug/l	ND	03/18/09	EH	0.5			
Bromochloromethane	ug/l	ND	03/18/09	EH	0.5			
Bromodichloromethane	ug/l	ND	03/18/09	EH	0.5			
Bromoform	ug/l	ND	03/18/09	EH	0.5			
Bromomethane	ug/l	ND	03/18/09	EH	1.0			
2-Butanone (MEK)	ug/l	ND	03/18/09	EH	2.0			
tert-Butyl Alcohol	ug/l	ND	03/18/09	EH	10.0			
n-Butylbenzene	ug/l	ND	03/18/09	EH	1.0			
sec-Butylbenzene	ug/l	ND	03/18/09	EH	0.5			
tert-Butylbenzene	ug/l	ND	03/18/09	EH	0.5			
tert-Butylethyl Ether	ug/l	ND	03/18/09	EH	0.5			
Carbon Disulfide	ug/l	ND	03/18/09	EH	0.5			
Carbon Tetrachloride	ug/l	ND	03/18/09	EH	0.5			
Chlorobenzene	ug/l	ND	03/18/09	EH	0.5			
Chlorodibromomethane	ug/l	ND	03/18/09	EH	0.5			
Chloroethane	ug/l	ND	03/18/09	EH	1.0			
Chloroform	ug/l	ND	03/18/09	EH	0.5			
Chloromethane	ug/l	ND	03/18/09	EH	0.5			
2-Chlorotoluene	ug/l	ND	03/18/09	EH	0.5			
4-Chlorotoluene	ug/l	ND	03/18/09	EH	1.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	03/18/09	EH	1.0			
1,2-Dibromoethane	ug/l	ND	03/18/09	EH	0.50			
Dibromomethane	ug/l	ND	03/18/09	EH	0.5			
1,2-Dichlorobenzene	ug/l	ND	03/18/09	EH	0.5			
1,3-Dichlorobenzene	ug/l	ND	03/18/09	EH	0.5			

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CHRIS SHORES
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : ME-MW-02 (INSIDE)
Sample ID : 09B07762
‡Sampled : 3/13/2009
Not Specified
Sample Matrix: GRND WATER

LIMS-BAT #: LIMT-23950
Job Number: 60073489

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	ug/l	ND	03/18/09	EH	0.5			
trans-1,4-Dichloro-2-Butene	ug/l	ND	03/18/09	EH	5.0			
Dichlorodifluoromethane	ug/l	ND	03/18/09	EH	0.5			
1,1-Dichloroethane	ug/l	ND	03/18/09	EH	0.5			
1,2-Dichloroethane	ug/l	ND	03/18/09	EH	0.5			
1,1-Dichloroethylene	ug/l	ND	03/18/09	EH	0.5			
cis-1,2-Dichloroethylene	ug/l	ND	03/18/09	EH	0.5			
trans-1,2-Dichloroethylene	ug/l	ND	03/18/09	EH	0.5			
1,2-Dichloropropane	ug/l	ND	03/18/09	EH	0.5			
1,3-Dichloropropane	ug/l	ND	03/18/09	EH	1.0			
2,2-Dichloropropane	ug/l	ND	03/18/09	EH	0.5			
1,1-Dichloropropene	ug/l	ND	03/18/09	EH	0.5			
cis-1,3-Dichloropropene	ug/l	ND	03/18/09	EH	0.5			
trans-1,3-Dichloropropene	ug/l	ND	03/18/09	EH	0.5			
Diethyl Ether	ug/l	ND	03/18/09	EH	0.5			
Diisopropyl Ether	ug/l	ND	03/18/09	EH	0.5			
1,4-Dioxane	ug/l	ND	03/18/09	EH	10.0			
Ethyl Benzene	ug/l	ND	03/18/09	EH	0.5			
Hexachlorobutadiene	ug/l	ND	03/18/09	EH	0.4			
2-Hexanone	ug/l	ND	03/18/09	EH	50.0			
Isopropylbenzene	ug/l	ND	03/18/09	EH	1.0			
p-Isopropyltoluene	ug/l	ND	03/18/09	EH	0.5			
MTBE	ug/l	ND	03/18/09	EH	0.5			
Methylene Chloride	ug/l	ND	03/18/09	EH	1.0			
MIBK	ug/l	ND	03/18/09	EH	2.0			
Naphthalene	ug/l	ND	03/18/09	EH	5.0			
n-Propylbenzene	ug/l	ND	03/18/09	EH	0.5			
Styrene	ug/l	ND	03/18/09	EH	1.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	03/18/09	EH	0.5			

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CHRIS SHORES
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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : ME-MW-02 (INSIDE)

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07762

‡Sampled : 3/13/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,1,2,2-Tetrachloroethane	ug/l	ND	03/18/09	EH	0.5			
Tetrachloroethylene	ug/l	ND	03/18/09	EH	0.5			
Tetrahydrofuran	ug/l	ND	03/18/09	EH	5.0			
Toluene	ug/l	ND	03/18/09	EH	0.5			
1,2,3-Trichlorobenzene	ug/l	ND	03/18/09	EH	5.0			
1,2,4-Trichlorobenzene	ug/l	ND	03/18/09	EH	1.0			
1,3,5-Trichlorobenzene	ug/l	ND	03/18/09	EH	1.0			
1,1,1-Trichloroethane	ug/l	ND	03/18/09	EH	1.0			
1,1,2-Trichloroethane	ug/l	ND	03/18/09	EH	0.5			
Trichloroethylene	ug/l	ND	03/18/09	EH	0.5			
Trichlorofluoromethane	ug/l	ND	03/18/09	EH	0.5			
1,2,3-Trichloropropane	ug/l	ND	03/18/09	EH	0.5			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	03/18/09	EH	0.5			
1,2,4-Trimethylbenzene	ug/l	ND	03/18/09	EH	0.5			
1,3,5-Trimethylbenzene	ug/l	ND	03/18/09	EH	0.5			
Vinyl Chloride	ug/l	ND	03/18/09	EH	0.5			
m + p Xylene	ug/l	ND	03/18/09	EH	1.0			
o-Xylene	ug/l	ND	03/18/09	EH	0.5			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : MW-100

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07761

‡Sampled : 3/13/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	ug/l	ND	03/18/09	EH	50.0			
Acrylonitrile	ug/l	ND	03/18/09	EH	2.0			
tert-Amylmethyl Ether	ug/l	ND	03/18/09	EH	0.5			
Benzene	ug/l	ND	03/18/09	EH	0.5			
Bromobenzene	ug/l	ND	03/18/09	EH	0.5			
Bromochloromethane	ug/l	ND	03/18/09	EH	0.5			
Bromodichloromethane	ug/l	ND	03/18/09	EH	0.5			
Bromoform	ug/l	ND	03/18/09	EH	0.5			
Bromomethane	ug/l	ND	03/18/09	EH	1.0			
2-Butanone (MEK)	ug/l	ND	03/18/09	EH	2.0			
tert-Butyl Alcohol	ug/l	ND	03/18/09	EH	10.0			
n-Butylbenzene	ug/l	ND	03/18/09	EH	1.0			
sec-Butylbenzene	ug/l	ND	03/18/09	EH	0.5			
tert-Butylbenzene	ug/l	ND	03/18/09	EH	0.5			
tert-Butylethyl Ether	ug/l	ND	03/18/09	EH	0.5			
Carbon Disulfide	ug/l	ND	03/18/09	EH	0.5			
Carbon Tetrachloride	ug/l	ND	03/18/09	EH	0.5			
Chlorobenzene	ug/l	ND	03/18/09	EH	0.5			
Chlorodibromomethane	ug/l	ND	03/18/09	EH	0.5			
Chloroethane	ug/l	ND	03/18/09	EH	1.0			
Chloroform	ug/l	1.3	03/18/09	EH	0.5			
Chloromethane	ug/l	ND	03/18/09	EH	0.5			
2-Chlorotoluene	ug/l	ND	03/18/09	EH	0.5			
4-Chlorotoluene	ug/l	ND	03/18/09	EH	1.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	03/18/09	EH	1.0			
1,2-Dibromoethane	ug/l	ND	03/18/09	EH	0.50			
Dibromomethane	ug/l	ND	03/18/09	EH	0.5			
1,2-Dichlorobenzene	ug/l	ND	03/18/09	EH	0.5			
1,3-Dichlorobenzene	ug/l	ND	03/18/09	EH	0.5			

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CHRIS SHORES
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : MW-100

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07761

‡Sampled : 3/13/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	ug/l	ND	03/18/09	EH	0.5			
trans-1,4-Dichloro-2-Butene	ug/l	ND	03/18/09	EH	5.0			
Dichlorodifluoromethane	ug/l	ND	03/18/09	EH	0.5			
1,1-Dichloroethane	ug/l	ND	03/18/09	EH	0.5			
1,2-Dichloroethane	ug/l	ND	03/18/09	EH	0.5			
1,1-Dichloroethylene	ug/l	ND	03/18/09	EH	0.5			
cis-1,2-Dichloroethylene	ug/l	4.2	03/18/09	EH	0.5			
trans-1,2-Dichloroethylene	ug/l	ND	03/18/09	EH	0.5			
1,2-Dichloropropane	ug/l	ND	03/18/09	EH	0.5			
1,3-Dichloropropane	ug/l	ND	03/18/09	EH	1.0			
2,2-Dichloropropane	ug/l	ND	03/18/09	EH	0.5			
1,1-Dichloropropene	ug/l	ND	03/18/09	EH	0.5			
cis-1,3-Dichloropropene	ug/l	ND	03/18/09	EH	0.5			
trans-1,3-Dichloropropene	ug/l	ND	03/18/09	EH	0.5			
Diethyl Ether	ug/l	ND	03/18/09	EH	0.5			
Diisopropyl Ether	ug/l	ND	03/18/09	EH	0.5			
1,4-Dioxane	ug/l	ND	03/18/09	EH	10.0			
Ethyl Benzene	ug/l	ND	03/18/09	EH	0.5			
Hexachlorobutadiene	ug/l	ND	03/18/09	EH	0.4			
2-Hexanone	ug/l	ND	03/18/09	EH	50.0			
Isopropylbenzene	ug/l	ND	03/18/09	EH	1.0			
p-Isopropyltoluene	ug/l	ND	03/18/09	EH	0.5			
MTBE	ug/l	ND	03/18/09	EH	0.5			
Methylene Chloride	ug/l	ND	03/18/09	EH	1.0			
MIBK	ug/l	ND	03/18/09	EH	2.0			
Naphthalene	ug/l	ND	03/18/09	EH	5.0			
n-Propylbenzene	ug/l	ND	03/18/09	EH	0.5			
Styrene	ug/l	ND	03/18/09	EH	1.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	03/18/09	EH	0.5			

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ANALYTICAL LABORATORY
39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

CHRIS SHORES
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : MW-100

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07761

‡Sampled : 3/13/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,1,2,2-Tetrachloroethane	ug/l	ND	03/18/09	EH	0.5			
Tetrachloroethylene	ug/l	234	03/18/09	EH	0.5			
Tetrahydrofuran	ug/l	ND	03/18/09	EH	5.0			
Toluene	ug/l	ND	03/18/09	EH	0.5			
1,2,3-Trichlorobenzene	ug/l	ND	03/18/09	EH	5.0			
1,2,4-Trichlorobenzene	ug/l	ND	03/18/09	EH	1.0			
1,3,5-Trichlorobenzene	ug/l	ND	03/18/09	EH	1.0			
1,1,1-Trichloroethane	ug/l	ND	03/18/09	EH	1.0			
1,1,2-Trichloroethane	ug/l	ND	03/18/09	EH	0.5			
Trichloroethylene	ug/l	167	03/18/09	EH	0.5			
Trichlorofluoromethane	ug/l	ND	03/18/09	EH	0.5			
1,2,3-Trichloropropane	ug/l	ND	03/18/09	EH	0.5			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	03/18/09	EH	0.5			
1,2,4-Trimethylbenzene	ug/l	ND	03/18/09	EH	0.5			
1,3,5-Trimethylbenzene	ug/l	ND	03/18/09	EH	0.5			
Vinyl Chloride	ug/l	ND	03/18/09	EH	0.5			
m + p Xylene	ug/l	ND	03/18/09	EH	1.0			
o-Xylene	ug/l	ND	03/18/09	EH	0.5			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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CHRIS SHORES
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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : MW-101

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07760

‡Sampled : 3/13/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	ug/l	ND	03/17/09	EH	50.0			
Acrylonitrile	ug/l	ND	03/17/09	EH	2.0			
tert-Amylmethyl Ether	ug/l	ND	03/17/09	EH	0.5			
Benzene	ug/l	ND	03/17/09	EH	0.5			
Bromobenzene	ug/l	ND	03/17/09	EH	0.5			
Bromochloromethane	ug/l	ND	03/17/09	EH	0.5			
Bromodichloromethane	ug/l	ND	03/17/09	EH	0.5			
Bromoform	ug/l	ND	03/17/09	EH	0.5			
Bromomethane	ug/l	ND	03/17/09	EH	1.0			
2-Butanone (MEK)	ug/l	ND	03/17/09	EH	2.0			
tert-Butyl Alcohol	ug/l	ND	03/17/09	EH	10.0			
n-Butylbenzene	ug/l	ND	03/17/09	EH	1.0			
sec-Butylbenzene	ug/l	ND	03/17/09	EH	0.5			
tert-Butylbenzene	ug/l	ND	03/17/09	EH	0.5			
tert-Butylethyl Ether	ug/l	ND	03/17/09	EH	0.5			
Carbon Disulfide	ug/l	ND	03/17/09	EH	0.5			
Carbon Tetrachloride	ug/l	ND	03/17/09	EH	0.5			
Chlorobenzene	ug/l	ND	03/17/09	EH	0.5			
Chlorodibromomethane	ug/l	ND	03/17/09	EH	0.5			
Chloroethane	ug/l	ND	03/17/09	EH	1.0			
Chloroform	ug/l	1.5	03/17/09	EH	0.5			
Chloromethane	ug/l	ND	03/17/09	EH	0.5			
2-Chlorotoluene	ug/l	ND	03/17/09	EH	0.5			
4-Chlorotoluene	ug/l	ND	03/17/09	EH	1.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	03/17/09	EH	1.0			
1,2-Dibromoethane	ug/l	ND	03/17/09	EH	0.50			
Dibromomethane	ug/l	ND	03/17/09	EH	0.5			
1,2-Dichlorobenzene	ug/l	ND	03/17/09	EH	0.5			
1,3-Dichlorobenzene	ug/l	ND	03/17/09	EH	0.5			

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CHRIS SHORES
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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : MW-101

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07760

‡Sampled : 3/13/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	ug/l	ND	03/17/09	EH	0.5			
trans-1,4-Dichloro-2-Butene	ug/l	ND	03/17/09	EH	5.0			
Dichlorodifluoromethane	ug/l	ND	03/17/09	EH	0.5			
1,1-Dichloroethane	ug/l	ND	03/17/09	EH	0.5			
1,2-Dichloroethane	ug/l	ND	03/17/09	EH	0.5			
1,1-Dichloroethylene	ug/l	13.2	03/17/09	EH	0.5			
cis-1,2-Dichloroethylene	ug/l	623	03/17/09	EH	0.5			
trans-1,2-Dichloroethylene	ug/l	72.3	03/17/09	EH	0.5			
1,2-Dichloropropane	ug/l	ND	03/17/09	EH	0.5			
1,3-Dichloropropane	ug/l	ND	03/17/09	EH	1.0			
2,2-Dichloropropane	ug/l	ND	03/17/09	EH	0.5			
1,1-Dichloropropene	ug/l	ND	03/17/09	EH	0.5			
cis-1,3-Dichloropropene	ug/l	ND	03/17/09	EH	0.5			
trans-1,3-Dichloropropene	ug/l	ND	03/17/09	EH	0.5			
Diethyl Ether	ug/l	ND	03/17/09	EH	0.5			
Diisopropyl Ether	ug/l	ND	03/17/09	EH	0.5			
1,4-Dioxane	ug/l	ND	03/17/09	EH	10.0			
Ethyl Benzene	ug/l	ND	03/17/09	EH	0.5			
Hexachlorobutadiene	ug/l	ND	03/17/09	EH	0.4			
2-Hexanone	ug/l	ND	03/17/09	EH	50.0			
Isopropylbenzene	ug/l	ND	03/17/09	EH	1.0			
p-Isopropyltoluene	ug/l	ND	03/17/09	EH	0.5			
MTBE	ug/l	ND	03/17/09	EH	0.5			
Methylene Chloride	ug/l	ND	03/17/09	EH	1.0			
MIBK	ug/l	ND	03/17/09	EH	2.0			
Naphthalene	ug/l	ND	03/17/09	EH	5.0			
n-Propylbenzene	ug/l	ND	03/17/09	EH	0.5			
Styrene	ug/l	ND	03/17/09	EH	1.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	03/17/09	EH	0.5			

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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : MW-101

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07760

‡Sampled : 3/13/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,1,2,2-Tetrachloroethane	ug/l	ND	03/17/09	EH	0.5			
Tetrachloroethylene	ug/l	252	03/17/09	EH	0.5			
Tetrahydrofuran	ug/l	ND	03/17/09	EH	5.0			
Toluene	ug/l	ND	03/17/09	EH	0.5			
1,2,3-Trichlorobenzene	ug/l	ND	03/17/09	EH	5.0			
1,2,4-Trichlorobenzene	ug/l	ND	03/17/09	EH	1.0			
1,3,5-Trichlorobenzene	ug/l	ND	03/17/09	EH	1.0			
1,1,1-Trichloroethane	ug/l	ND	03/17/09	EH	1.0			
1,1,2-Trichloroethane	ug/l	ND	03/17/09	EH	0.5			
Trichloroethylene	ug/l	1060	03/17/09	EH	0.5			
Trichlorofluoromethane	ug/l	ND	03/17/09	EH	0.5			
1,2,3-Trichloropropane	ug/l	ND	03/17/09	EH	0.5			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	03/17/09	EH	0.5			
1,2,4-Trimethylbenzene	ug/l	ND	03/17/09	EH	0.5			
1,3,5-Trimethylbenzene	ug/l	ND	03/17/09	EH	0.5			
Vinyl Chloride	ug/l	132	03/17/09	EH	0.5			
m + p Xylene	ug/l	ND	03/17/09	EH	1.0			
o-Xylene	ug/l	ND	03/17/09	EH	0.5			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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CHRIS SHORES
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : MW-102

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07765

‡Sampled : 3/12/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	ug/l	ND	03/17/09	EH	50.0			
Acrylonitrile	ug/l	ND	03/17/09	EH	2.0			
tert-Amylmethyl Ether	ug/l	ND	03/17/09	EH	0.5			
Benzene	ug/l	ND	03/17/09	EH	0.5			
Bromobenzene	ug/l	ND	03/17/09	EH	0.5			
Bromochloromethane	ug/l	ND	03/17/09	EH	0.5			
Bromodichloromethane	ug/l	ND	03/17/09	EH	0.5			
Bromoform	ug/l	ND	03/17/09	EH	0.5			
Bromomethane	ug/l	ND	03/17/09	EH	1.0			
2-Butanone (MEK)	ug/l	ND	03/17/09	EH	2.0			
tert-Butyl Alcohol	ug/l	ND	03/17/09	EH	10.0			
n-Butylbenzene	ug/l	ND	03/17/09	EH	1.0			
sec-Butylbenzene	ug/l	ND	03/17/09	EH	0.5			
tert-Butylbenzene	ug/l	ND	03/17/09	EH	0.5			
tert-Butylethyl Ether	ug/l	ND	03/17/09	EH	0.5			
Carbon Disulfide	ug/l	ND	03/17/09	EH	0.5			
Carbon Tetrachloride	ug/l	ND	03/17/09	EH	0.5			
Chlorobenzene	ug/l	ND	03/17/09	EH	0.5			
Chlorodibromomethane	ug/l	ND	03/17/09	EH	0.5			
Chloroethane	ug/l	ND	03/17/09	EH	1.0			
Chloroform	ug/l	0.9	03/17/09	EH	0.5			
Chloromethane	ug/l	ND	03/17/09	EH	0.5			
2-Chlorotoluene	ug/l	ND	03/17/09	EH	0.5			
4-Chlorotoluene	ug/l	ND	03/17/09	EH	1.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	03/17/09	EH	1.0			
1,2-Dibromoethane	ug/l	ND	03/17/09	EH	0.50			
Dibromomethane	ug/l	ND	03/17/09	EH	0.5			
1,2-Dichlorobenzene	ug/l	ND	03/17/09	EH	0.5			
1,3-Dichlorobenzene	ug/l	ND	03/17/09	EH	0.5			

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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : MW-102
Sample ID : 09B07765
‡Sampled : 3/12/2009
Not Specified
Sample Matrix: GRND WATER

LIMS-BAT #: LIMT-23950
Job Number: 60073489

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	ug/l	ND	03/17/09	EH	0.5			
trans-1,4-Dichloro-2-Butene	ug/l	ND	03/17/09	EH	5.0			
Dichlorodifluoromethane	ug/l	ND	03/17/09	EH	0.5			
1,1-Dichloroethane	ug/l	ND	03/17/09	EH	0.5			
1,2-Dichloroethane	ug/l	ND	03/17/09	EH	0.5			
1,1-Dichloroethylene	ug/l	ND	03/17/09	EH	0.5			
cis-1,2-Dichloroethylene	ug/l	5.7	03/17/09	EH	0.5			
trans-1,2-Dichloroethylene	ug/l	0.6	03/17/09	EH	0.5			
1,2-Dichloropropane	ug/l	ND	03/17/09	EH	0.5			
1,3-Dichloropropane	ug/l	ND	03/17/09	EH	1.0			
2,2-Dichloropropane	ug/l	ND	03/17/09	EH	0.5			
1,1-Dichloropropene	ug/l	ND	03/17/09	EH	0.5			
cis-1,3-Dichloropropene	ug/l	ND	03/17/09	EH	0.5			
trans-1,3-Dichloropropene	ug/l	ND	03/17/09	EH	0.5			
Diethyl Ether	ug/l	ND	03/17/09	EH	0.5			
Diisopropyl Ether	ug/l	ND	03/17/09	EH	0.5			
1,4-Dioxane	ug/l	ND	03/17/09	EH	10.0			
Ethyl Benzene	ug/l	ND	03/17/09	EH	0.5			
Hexachlorobutadiene	ug/l	ND	03/17/09	EH	0.4			
2-Hexanone	ug/l	ND	03/17/09	EH	50.0			
Isopropylbenzene	ug/l	ND	03/17/09	EH	1.0			
p-Isopropyltoluene	ug/l	ND	03/17/09	EH	0.5			
MTBE	ug/l	ND	03/17/09	EH	0.5			
Methylene Chloride	ug/l	ND	03/17/09	EH	1.0			
MIBK	ug/l	ND	03/17/09	EH	2.0			
Naphthalene	ug/l	ND	03/17/09	EH	5.0			
n-Propylbenzene	ug/l	ND	03/17/09	EH	0.5			
Styrene	ug/l	ND	03/17/09	EH	1.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	03/17/09	EH	0.5			

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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : MW-102

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07765

‡Sampled : 3/12/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,1,2,2-Tetrachloroethane	ug/l	ND	03/17/09	EH	0.5			
Tetrachloroethylene	ug/l	139	03/17/09	EH	0.5			
Tetrahydrofuran	ug/l	ND	03/17/09	EH	5.0			
Toluene	ug/l	ND	03/17/09	EH	0.5			
1,2,3-Trichlorobenzene	ug/l	ND	03/17/09	EH	5.0			
1,2,4-Trichlorobenzene	ug/l	ND	03/17/09	EH	1.0			
1,3,5-Trichlorobenzene	ug/l	ND	03/17/09	EH	1.0			
1,1,1-Trichloroethane	ug/l	ND	03/17/09	EH	1.0			
1,1,2-Trichloroethane	ug/l	ND	03/17/09	EH	0.5			
Trichloroethylene	ug/l	124	03/17/09	EH	0.5			
Trichlorofluoromethane	ug/l	ND	03/17/09	EH	0.5			
1,2,3-Trichloropropane	ug/l	ND	03/17/09	EH	0.5			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	03/17/09	EH	0.5			
1,2,4-Trimethylbenzene	ug/l	ND	03/17/09	EH	0.5			
1,3,5-Trimethylbenzene	ug/l	ND	03/17/09	EH	0.5			
Vinyl Chloride	ug/l	ND	03/17/09	EH	0.5			
m + p Xylene	ug/l	ND	03/17/09	EH	1.0			
o-Xylene	ug/l	ND	03/17/09	EH	0.5			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : MW-102 DUP
Sample ID : 09B07768
Sample Matrix: GRND WATER

‡Sampled : 3/12/2009
Not Specified

LIMS-BAT #: LIMT-23950
Job Number: 60073489

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	ug/l	ND	03/17/09	EH	50.0			
Acrylonitrile	ug/l	ND	03/17/09	EH	2.0			
tert-Amylmethyl Ether	ug/l	ND	03/17/09	EH	0.5			
Benzene	ug/l	ND	03/17/09	EH	0.5			
Bromobenzene	ug/l	ND	03/17/09	EH	0.5			
Bromochloromethane	ug/l	ND	03/17/09	EH	0.5			
Bromodichloromethane	ug/l	ND	03/17/09	EH	0.5			
Bromoform	ug/l	ND	03/17/09	EH	0.5			
Bromomethane	ug/l	ND	03/17/09	EH	1.0			
2-Butanone (MEK)	ug/l	ND	03/17/09	EH	2.0			
tert-Butyl Alcohol	ug/l	ND	03/17/09	EH	10.0			
n-Butylbenzene	ug/l	ND	03/17/09	EH	1.0			
sec-Butylbenzene	ug/l	ND	03/17/09	EH	0.5			
tert-Butylbenzene	ug/l	ND	03/17/09	EH	0.5			
tert-Butylethyl Ether	ug/l	ND	03/17/09	EH	0.5			
Carbon Disulfide	ug/l	ND	03/17/09	EH	0.5			
Carbon Tetrachloride	ug/l	ND	03/17/09	EH	0.5			
Chlorobenzene	ug/l	ND	03/17/09	EH	0.5			
Chlorodibromomethane	ug/l	ND	03/17/09	EH	0.5			
Chloroethane	ug/l	ND	03/17/09	EH	1.0			
Chloroform	ug/l	ND	03/17/09	EH	0.5			
Chloromethane	ug/l	ND	03/17/09	EH	0.5			
2-Chlorotoluene	ug/l	ND	03/17/09	EH	0.5			
4-Chlorotoluene	ug/l	ND	03/17/09	EH	1.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	03/17/09	EH	1.0			
1,2-Dibromoethane	ug/l	ND	03/17/09	EH	0.50			
Dibromomethane	ug/l	ND	03/17/09	EH	0.5			
1,2-Dichlorobenzene	ug/l	ND	03/17/09	EH	0.5			
1,3-Dichlorobenzene	ug/l	ND	03/17/09	EH	0.5			

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NM = Not Measured
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ANALYTICAL LABORATORY
39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

CHRIS SHORES
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : MW-102 DUP

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07768

‡Sampled : 3/12/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	ug/l	ND	03/17/09	EH	0.5			
trans-1,4-Dichloro-2-Butene	ug/l	ND	03/17/09	EH	5.0			
Dichlorodifluoromethane	ug/l	ND	03/17/09	EH	0.5			
1,1-Dichloroethane	ug/l	ND	03/17/09	EH	0.5			
1,2-Dichloroethane	ug/l	ND	03/17/09	EH	0.5			
1,1-Dichloroethylene	ug/l	ND	03/17/09	EH	0.5			
cis-1,2-Dichloroethylene	ug/l	5.9	03/17/09	EH	0.5			
trans-1,2-Dichloroethylene	ug/l	0.7	03/17/09	EH	0.5			
1,2-Dichloropropane	ug/l	ND	03/17/09	EH	0.5			
1,3-Dichloropropane	ug/l	ND	03/17/09	EH	1.0			
2,2-Dichloropropane	ug/l	ND	03/17/09	EH	0.5			
1,1-Dichloropropene	ug/l	ND	03/17/09	EH	0.5			
cis-1,3-Dichloropropene	ug/l	ND	03/17/09	EH	0.5			
trans-1,3-Dichloropropene	ug/l	ND	03/17/09	EH	0.5			
Diethyl Ether	ug/l	ND	03/17/09	EH	0.5			
Diisopropyl Ether	ug/l	ND	03/17/09	EH	0.5			
1,4-Dioxane	ug/l	ND	03/17/09	EH	10.0			
Ethyl Benzene	ug/l	ND	03/17/09	EH	0.5			
Hexachlorobutadiene	ug/l	ND	03/17/09	EH	0.4			
2-Hexanone	ug/l	ND	03/17/09	EH	50.0			
Isopropylbenzene	ug/l	ND	03/17/09	EH	1.0			
p-Isopropyltoluene	ug/l	ND	03/17/09	EH	0.5			
MTBE	ug/l	ND	03/17/09	EH	0.5			
Methylene Chloride	ug/l	ND	03/17/09	EH	1.0			
MIBK	ug/l	ND	03/17/09	EH	2.0			
Naphthalene	ug/l	ND	03/17/09	EH	5.0			
n-Propylbenzene	ug/l	ND	03/17/09	EH	0.5			
Styrene	ug/l	ND	03/17/09	EH	1.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	03/17/09	EH	0.5			

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CHRIS SHORES
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : MW-102 DUP

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07768

‡Sampled : 3/12/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,1,2,2-Tetrachloroethane	ug/l	ND	03/17/09	EH	0.5			
Tetrachloroethylene	ug/l	134	03/17/09	EH	0.5			
Tetrahydrofuran	ug/l	ND	03/17/09	EH	5.0			
Toluene	ug/l	ND	03/17/09	EH	0.5			
1,2,3-Trichlorobenzene	ug/l	ND	03/17/09	EH	5.0			
1,2,4-Trichlorobenzene	ug/l	ND	03/17/09	EH	1.0			
1,3,5-Trichlorobenzene	ug/l	ND	03/17/09	EH	1.0			
1,1,1-Trichloroethane	ug/l	ND	03/17/09	EH	1.0			
1,1,2-Trichloroethane	ug/l	ND	03/17/09	EH	0.5			
Trichloroethylene	ug/l	115	03/17/09	EH	0.5			
Trichlorofluoromethane	ug/l	ND	03/17/09	EH	0.5			
1,2,3-Trichloropropane	ug/l	ND	03/17/09	EH	0.5			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	03/17/09	EH	0.5			
1,2,4-Trimethylbenzene	ug/l	ND	03/17/09	EH	0.5			
1,3,5-Trimethylbenzene	ug/l	ND	03/17/09	EH	0.5			
Vinyl Chloride	ug/l	ND	03/17/09	EH	0.5			
m + p Xylene	ug/l	ND	03/17/09	EH	1.0			
o-Xylene	ug/l	ND	03/17/09	EH	0.5			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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CHRIS SHORES
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : MW-11

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07764

‡Sampled : 3/12/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	ug/l	ND	03/17/09	EH	50.0			
Acrylonitrile	ug/l	ND	03/17/09	EH	2.0			
tert-Amylmethyl Ether	ug/l	ND	03/17/09	EH	0.5			
Benzene	ug/l	ND	03/17/09	EH	0.5			
Bromobenzene	ug/l	ND	03/17/09	EH	0.5			
Bromochloromethane	ug/l	ND	03/17/09	EH	0.5			
Bromodichloromethane	ug/l	ND	03/17/09	EH	0.5			
Bromoform	ug/l	ND	03/17/09	EH	0.5			
Bromomethane	ug/l	ND	03/17/09	EH	1.0			
2-Butanone (MEK)	ug/l	ND	03/17/09	EH	2.0			
tert-Butyl Alcohol	ug/l	ND	03/17/09	EH	10.0			
n-Butylbenzene	ug/l	ND	03/17/09	EH	1.0			
sec-Butylbenzene	ug/l	ND	03/17/09	EH	0.5			
tert-Butylbenzene	ug/l	ND	03/17/09	EH	0.5			
tert-Butylethyl Ether	ug/l	ND	03/17/09	EH	0.5			
Carbon Disulfide	ug/l	ND	03/17/09	EH	0.5			
Carbon Tetrachloride	ug/l	ND	03/17/09	EH	0.5			
Chlorobenzene	ug/l	ND	03/17/09	EH	0.5			
Chlorodibromomethane	ug/l	ND	03/17/09	EH	0.5			
Chloroethane	ug/l	ND	03/17/09	EH	1.0			
Chloroform	ug/l	ND	03/17/09	EH	0.5			
Chloromethane	ug/l	ND	03/17/09	EH	0.5			
2-Chlorotoluene	ug/l	ND	03/17/09	EH	0.5			
4-Chlorotoluene	ug/l	ND	03/17/09	EH	1.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	03/17/09	EH	1.0			
1,2-Dibromoethane	ug/l	ND	03/17/09	EH	0.50			
Dibromomethane	ug/l	ND	03/17/09	EH	0.5			
1,2-Dichlorobenzene	ug/l	ND	03/17/09	EH	0.5			
1,3-Dichlorobenzene	ug/l	ND	03/17/09	EH	0.5			

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CHRIS SHORES
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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : MW-11

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07764

‡Sampled : 3/12/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	ug/l	ND	03/17/09	EH	0.5			
trans-1,4-Dichloro-2-Butene	ug/l	ND	03/17/09	EH	5.0			
Dichlorodifluoromethane	ug/l	ND	03/17/09	EH	0.5			
1,1-Dichloroethane	ug/l	ND	03/17/09	EH	0.5			
1,2-Dichloroethane	ug/l	ND	03/17/09	EH	0.5			
1,1-Dichloroethylene	ug/l	ND	03/17/09	EH	0.5			
cis-1,2-Dichloroethylene	ug/l	13.1	03/17/09	EH	0.5			
trans-1,2-Dichloroethylene	ug/l	1.3	03/17/09	EH	0.5			
1,2-Dichloropropane	ug/l	ND	03/17/09	EH	0.5			
1,3-Dichloropropane	ug/l	ND	03/17/09	EH	1.0			
2,2-Dichloropropane	ug/l	ND	03/17/09	EH	0.5			
1,1-Dichloropropene	ug/l	ND	03/17/09	EH	0.5			
cis-1,3-Dichloropropene	ug/l	ND	03/17/09	EH	0.5			
trans-1,3-Dichloropropene	ug/l	ND	03/17/09	EH	0.5			
Diethyl Ether	ug/l	ND	03/17/09	EH	0.5			
Diisopropyl Ether	ug/l	ND	03/17/09	EH	0.5			
1,4-Dioxane	ug/l	ND	03/17/09	EH	10.0			
Ethyl Benzene	ug/l	ND	03/17/09	EH	0.5			
Hexachlorobutadiene	ug/l	ND	03/17/09	EH	0.4			
2-Hexanone	ug/l	ND	03/17/09	EH	50.0			
Isopropylbenzene	ug/l	ND	03/17/09	EH	1.0			
p-Isopropyltoluene	ug/l	ND	03/17/09	EH	0.5			
MTBE	ug/l	ND	03/17/09	EH	0.5			
Methylene Chloride	ug/l	ND	03/17/09	EH	1.0			
MIBK	ug/l	ND	03/17/09	EH	2.0			
Naphthalene	ug/l	ND	03/17/09	EH	5.0			
n-Propylbenzene	ug/l	ND	03/17/09	EH	0.5			
Styrene	ug/l	ND	03/17/09	EH	1.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	03/17/09	EH	0.5			

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CHRIS SHORES
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : MW-11

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07764

‡Sampled : 3/12/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,1,2,2-Tetrachloroethane	ug/l	ND	03/17/09	EH	0.5			
Tetrachloroethylene	ug/l	101	03/17/09	EH	0.5			
Tetrahydrofuran	ug/l	ND	03/17/09	EH	5.0			
Toluene	ug/l	ND	03/17/09	EH	0.5			
1,2,3-Trichlorobenzene	ug/l	ND	03/17/09	EH	5.0			
1,2,4-Trichlorobenzene	ug/l	ND	03/17/09	EH	1.0			
1,3,5-Trichlorobenzene	ug/l	ND	03/17/09	EH	1.0			
1,1,1-Trichloroethane	ug/l	ND	03/17/09	EH	1.0			
1,1,2-Trichloroethane	ug/l	ND	03/17/09	EH	0.5			
Trichloroethylene	ug/l	24.1	03/17/09	EH	0.5			
Trichlorofluoromethane	ug/l	ND	03/17/09	EH	0.5			
1,2,3-Trichloropropane	ug/l	ND	03/17/09	EH	0.5			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	03/17/09	EH	0.5			
1,2,4-Trimethylbenzene	ug/l	ND	03/17/09	EH	0.5			
1,3,5-Trimethylbenzene	ug/l	ND	03/17/09	EH	0.5			
Vinyl Chloride	ug/l	ND	03/17/09	EH	0.5			
m + p Xylene	ug/l	ND	03/17/09	EH	1.0			
o-Xylene	ug/l	ND	03/17/09	EH	0.5			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : **TB**

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : **09B07771**

‡Sampled : 3/13/2009
Not Specified

Sample Matrix: WATER OTHER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Acetone	ug/l	ND	03/17/09	EH	50.0			
Acrylonitrile	ug/l	ND	03/17/09	EH	2.0			
tert-Amylmethyl Ether	ug/l	ND	03/17/09	EH	0.5			
Benzene	ug/l	ND	03/17/09	EH	0.5			
Bromobenzene	ug/l	ND	03/17/09	EH	0.5			
Bromochloromethane	ug/l	ND	03/17/09	EH	0.5			
Bromodichloromethane	ug/l	ND	03/17/09	EH	0.5			
Bromoform	ug/l	ND	03/17/09	EH	0.5			
Bromomethane	ug/l	ND	03/17/09	EH	1.0			
2-Butanone (MEK)	ug/l	ND	03/17/09	EH	2.0			
tert-Butyl Alcohol	ug/l	ND	03/17/09	EH	10.0			
n-Butylbenzene	ug/l	ND	03/17/09	EH	1.0			
sec-Butylbenzene	ug/l	ND	03/17/09	EH	0.5			
tert-Butylbenzene	ug/l	ND	03/17/09	EH	0.5			
tert-Butylethyl Ether	ug/l	ND	03/17/09	EH	0.5			
Carbon Disulfide	ug/l	ND	03/17/09	EH	0.5			
Carbon Tetrachloride	ug/l	ND	03/17/09	EH	0.5			
Chlorobenzene	ug/l	ND	03/17/09	EH	0.5			
Chlorodibromomethane	ug/l	ND	03/17/09	EH	0.5			
Chloroethane	ug/l	ND	03/17/09	EH	1.0			
Chloroform	ug/l	ND	03/17/09	EH	0.5			
Chloromethane	ug/l	ND	03/17/09	EH	0.5			
2-Chlorotoluene	ug/l	ND	03/17/09	EH	0.5			
4-Chlorotoluene	ug/l	ND	03/17/09	EH	1.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	03/17/09	EH	1.0			
1,2-Dibromoethane	ug/l	ND	03/17/09	EH	0.50			
Dibromomethane	ug/l	ND	03/17/09	EH	0.5			
1,2-Dichlorobenzene	ug/l	ND	03/17/09	EH	0.5			
1,3-Dichlorobenzene	ug/l	ND	03/17/09	EH	0.5			

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CHRIS SHORES
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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : TB

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07771

‡Sampled : 3/13/2009
Not Specified

Sample Matrix: WATER OTHER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	ug/l	ND	03/17/09	EH	0.5			
trans-1,4-Dichloro-2-Butene	ug/l	ND	03/17/09	EH	5.0			
Dichlorodifluoromethane	ug/l	ND	03/17/09	EH	0.5			
1,1-Dichloroethane	ug/l	ND	03/17/09	EH	0.5			
1,2-Dichloroethane	ug/l	ND	03/17/09	EH	0.5			
1,1-Dichloroethylene	ug/l	ND	03/17/09	EH	0.5			
cis-1,2-Dichloroethylene	ug/l	ND	03/17/09	EH	0.5			
trans-1,2-Dichloroethylene	ug/l	ND	03/17/09	EH	0.5			
1,2-Dichloropropane	ug/l	ND	03/17/09	EH	0.5			
1,3-Dichloropropane	ug/l	ND	03/17/09	EH	1.0			
2,2-Dichloropropane	ug/l	ND	03/17/09	EH	0.5			
1,1-Dichloropropene	ug/l	ND	03/17/09	EH	0.5			
cis-1,3-Dichloropropene	ug/l	ND	03/17/09	EH	0.5			
trans-1,3-Dichloropropene	ug/l	ND	03/17/09	EH	0.5			
Diethyl Ether	ug/l	ND	03/17/09	EH	0.5			
Diisopropyl Ether	ug/l	ND	03/17/09	EH	0.5			
1,4-Dioxane	ug/l	ND	03/17/09	EH	10.0			
Ethyl Benzene	ug/l	ND	03/17/09	EH	0.5			
Hexachlorobutadiene	ug/l	ND	03/17/09	EH	0.4			
2-Hexanone	ug/l	ND	03/17/09	EH	50.0			
Isopropylbenzene	ug/l	ND	03/17/09	EH	1.0			
p-Isopropyltoluene	ug/l	ND	03/17/09	EH	0.5			
MTBE	ug/l	ND	03/17/09	EH	0.5			
Methylene Chloride	ug/l	1.8	03/17/09	EH	0.5			
MIBK	ug/l	ND	03/17/09	EH	2.0			
Naphthalene	ug/l	ND	03/17/09	EH	5.0			
n-Propylbenzene	ug/l	ND	03/17/09	EH	0.5			
Styrene	ug/l	ND	03/17/09	EH	1.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	03/17/09	EH	0.5			

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NM = Not Measured

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* = See end of report for comments and notes applying to this sample

‡ = See attached chain-of-custody record for time sampled

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CHRIS SHORES
AECOM - ROCKY HILL, CT
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : TB

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07771

‡Sampled : 3/13/2009
Not Specified

Sample Matrix: WATER OTHER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
1,1,2,2-Tetrachloroethane	ug/l	ND	03/17/09	EH	0.5			
Tetrachloroethylene	ug/l	ND	03/17/09	EH	0.5			
Tetrahydrofuran	ug/l	ND	03/17/09	EH	5.0			
Toluene	ug/l	ND	03/17/09	EH	0.5			
1,2,3-Trichlorobenzene	ug/l	ND	03/17/09	EH	5.0			
1,2,4-Trichlorobenzene	ug/l	ND	03/17/09	EH	1.0			
1,3,5-Trichlorobenzene	ug/l	ND	03/17/09	EH	1.0			
1,1,1-Trichloroethane	ug/l	ND	03/17/09	EH	1.0			
1,1,2-Trichloroethane	ug/l	ND	03/17/09	EH	0.5			
Trichloroethylene	ug/l	ND	03/17/09	EH	0.5			
Trichlorofluoromethane	ug/l	ND	03/17/09	EH	0.5			
1,2,3-Trichloropropane	ug/l	ND	03/17/09	EH	0.5			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	03/17/09	EH	0.5			
1,2,4-Trimethylbenzene	ug/l	ND	03/17/09	EH	0.5			
1,3,5-Trimethylbenzene	ug/l	ND	03/17/09	EH	0.5			
Vinyl Chloride	ug/l	ND	03/17/09	EH	0.5			
m + p Xylene	ug/l	ND	03/17/09	EH	1.0			
o-Xylene	ug/l	ND	03/17/09	EH	0.5			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : AOC-11 MW-01

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07763

‡Sampled : 3/12/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Arsenic	ug/L	ND	03/18/09	KMT	2.00			

Field Sample # : AOC-11 MW-01 DUP

Sample ID : 09B07769

‡Sampled : 3/12/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Arsenic	ug/L	ND	03/18/09	KMT	2.00			

Analytical Method:
SW846 6020
SAMPLES ARE ANALYZED BY ICP/MS

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3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
LIMS-BAT #: LIMT-23950
Job Number: 60073489

Field Sample # : ME-MW-02 (INSIDE)

Sample ID : 09B07762 ‡Sampled : 3/13/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Cyanide	mg/l	ND	03/18/09	VAK	0.010			

Field Sample # : ME-MW-02-DUP (INSIDE)

Sample ID : 09B07767 ‡Sampled : 3/13/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Cyanide	mg/l	ND	03/18/09	VAK	0.010			

Analytical Method:
SW846 9014 / SM 4500 CN E
DISTILLATION FOLLOWED BY REACTION WITH CHLORAMINE-T/PYRIDINE-BARBITURIC ACID AND PHOSPHATE BUFFER.

RL = Reporting Limit

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NM = Not Measured

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‡ = See attached chain-of-custody record for time sampled

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3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : ME-MW-02 (INSIDE)

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07762 ‡Sampled : 3/13/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Extractable TPH (ETPH)	mg/l	0.130	03/17/09	CJM	0.075			

Field Sample # : ME-MW-02-DUP (INSIDE)

Sample ID : 09B07767 ‡Sampled : 3/13/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Extractable TPH (ETPH)	mg/l	0.126	03/17/09	CJM	0.075			

Analytical Method:
Extractable TPH (CT ETPH)
SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE AND ANALYZED BY GAS CHROMATOGRAPHY WITH FLAME IONIZATION DETECTION (GC/FID).

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3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
LIMS-BAT #: LIMT-23950
Job Number: 60073489

Field Sample # : ME-MW-02 (INSIDE)

Sample ID : 09B07762 ‡Sampled : 3/13/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Mercury	mg/l	ND	03/19/09	KM	0.00010			

Field Sample # : ME-MW-02-DUP (INSIDE)

Sample ID : 09B07767 ‡Sampled : 3/13/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Mercury	mg/l	ND	03/19/09	KM	0.00010			

Analytical Method:
EPA 245.1/SW846 7470
COLD VAPOR TECHNIQUE (FLAMELESS ABSORPTION AT 254 NM)

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Purchase Order No.:

3/24/2009

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : ME-MW-02 (INSIDE)

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07762

‡Sampled : 3/13/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	ug/l	ND	03/18/09	BGL	5.00			
Acenaphthylene	ug/l	ND	03/18/09	BGL	5.00			
Anthracene	ug/l	ND	03/18/09	BGL	6.00			
Benzo(a)anthracene	ug/l	ND	03/18/09	BGL	5.00			
Benzo(a)pyrene	ug/l	ND	03/18/09	BGL	5.00			
Benzo(b)fluoranthene	ug/l	ND	03/18/09	BGL	5.00			
Benzo(g,h,i)perylene	ug/l	ND	03/18/09	BGL	5.00			
Benzo(k)fluoranthene	ug/l	ND	03/18/09	BGL	5.00			
Chrysene	ug/l	ND	03/18/09	BGL	5.00			
Dibenz(a,h)anthracene	ug/l	ND	03/18/09	BGL	5.40			
Fluoranthene	ug/l	ND	03/18/09	BGL	5.00			
Fluorene	ug/l	ND	03/18/09	BGL	5.00			
Indeno(1,2,3-cd)pyrene	ug/l	ND	03/18/09	BGL	5.00			
2-Methylnaphthalene	ug/l	ND	03/18/09	BGL	5.00			
Naphthalene	ug/l	ND	03/18/09	BGL	5.00			
Phenanthrene	ug/l	ND	03/18/09	BGL	5.00			
Pyrene	ug/l	ND	03/18/09	BGL	5.00			
Extraction Date 625/8270		3/16/2009	03/18/09	BGL				

Analytical Method:
625/8270
SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE BY SEPARATORY FUNNEL LIQUID/LIQUID EXTRACTION, FOLLOWED BY KUDERNA-DANISH OR TURBOVAP EVAPORATIVE CONCENTRATION AND QUANTITATED BY GC/MS TARGET COMPOUND ANALYSIS.

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ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : ME-MW-02-DUP (INSIDE)

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07767

‡Sampled : 3/13/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Acenaphthene	ug/l	ND	03/18/09	BGL	5.00			
Acenaphthylene	ug/l	ND	03/18/09	BGL	5.00			
Anthracene	ug/l	ND	03/18/09	BGL	6.00			
Benzo(a)anthracene	ug/l	ND	03/18/09	BGL	5.00			
Benzo(a)pyrene	ug/l	ND	03/18/09	BGL	5.00			
Benzo(b)fluoranthene	ug/l	ND	03/18/09	BGL	5.00			
Benzo(g,h,i)perylene	ug/l	ND	03/18/09	BGL	5.00			
Benzo(k)fluoranthene	ug/l	ND	03/18/09	BGL	5.00			
Chrysene	ug/l	ND	03/18/09	BGL	5.00			
Dibenz(a,h)anthracene	ug/l	ND	03/18/09	BGL	5.40			
Fluoranthene	ug/l	ND	03/18/09	BGL	5.00			
Fluorene	ug/l	ND	03/18/09	BGL	5.00			
Indeno(1,2,3-cd)pyrene	ug/l	ND	03/18/09	BGL	5.00			
2-Methylnaphthalene	ug/l	ND	03/18/09	BGL	5.00			
Naphthalene	ug/l	ND	03/18/09	BGL	5.00			
Phenanthrene	ug/l	ND	03/18/09	BGL	5.00			
Pyrene	ug/l	ND	03/18/09	BGL	5.00			
Extraction Date 625/8270		3/16/2009	03/18/09	BGL				

Analytical Method:
625/8270
SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE BY SEPARATORY FUNNEL LIQUID/LIQUID EXTRACTION, FOLLOWED BY KUDERNA-DANISH OR TURBOVAP EVAPORATIVE CONCENTRATION AND QUANTITATED BY GC/MS TARGET COMPOUND ANALYSIS.

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ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009
Field Sample # : AOC-17 MW-11 DUP

LIMS-BAT #: LIMT-23950
Job Number: 60073489

Sample ID : 09B07770 ‡Sampled : 3/12/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Zinc	ug/L	346	03/18/09	KMT	100			

Field Sample # : MW-11

Sample ID : 09B07764 ‡Sampled : 3/12/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Zinc	ug/L	360	03/18/09	KMT	100			

Analytical Method:
SW846 6020
SAMPLES ARE ANALYZED BY ICP/MS

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ROCKY HILL, CT 06067

3/24/2009

Purchase Order No.:

Project Location: MERIDEN
Date Received: 3/13/2009

LIMS-BAT #: LIMT-23950
Job Number: 60073489

** END OF REPORT **

RL = Reporting Limit

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/24/2009 Lims Bat # : LIMT-23950

QC Batch Number: BATCH-16259

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B07769					
	Arsenic	Sample Amount	<2.00	ug/L	
		Matrix Spk Amt Added	500.00	ug/L	
		MS Amt Measured	553.50	ug/L	
		Matrix Spike % Rec.	110.70	%	75-125
BLANK-130783					
	Silver	Blank	<2.50	ug/L	
	Arsenic	Blank	<2.00	ug/L	
	Barium	Blank	<250.	ug/L	
	Beryllium	Blank	<2.00	ug/L	
	Cadmium	Blank	<2.50	ug/L	
	Chromium	Blank	<50.0	ug/L	
	Copper	Blank	<25.0	ug/L	
	Nickel	Blank	<25.0	ug/L	
	Lead	Blank	<5.00	ug/L	
	Antimony	Blank	<5.00	ug/L	
	Selenium	Blank	<25.0	ug/L	
	Thallium	Blank	<1.00	ug/L	
	Vanadium	Blank	<25.0	ug/L	
	Zinc	Blank	<100.	ug/L	
LFBLANK-92984					
	Silver	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	575.60	ug/L	
		Lab Fort Blk. % Rec.	115.12	%	80-120
	Arsenic	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	558.50	ug/L	
		Lab Fort Blk. % Rec.	111.70	%	80-120
	Barium	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	527.29	ug/L	
		Lab Fort Blk. % Rec.	105.46	%	80-120
	Beryllium	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	520.79	ug/L	
		Lab Fort Blk. % Rec.	104.16	%	80-120
	Cadmium	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	526.10	ug/L	
		Lab Fort Blk. % Rec.	105.22	%	80-120
	Chromium	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	549.60	ug/L	
		Lab Fort Blk. % Rec.	109.92	%	80-120
	Copper	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	546.40	ug/L	
		Lab Fort Blk. % Rec.	109.28	%	80-120
	Nickel	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	542.40	ug/L	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/24/2009 Lims Bat # : LIMT-23950

QC Batch Number: BATCH-16259

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-92984					
	Nickel	Lab Fort Blk. % Rec.	108.48	%	80-120
	Lead	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	562.10	ug/L	
		Lab Fort Blk. % Rec.	112.42	%	80-120
	Antimony	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	535.29	ug/L	
		Lab Fort Blk. % Rec.	107.06	%	80-120
	Selenium	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	533.50	ug/L	
		Lab Fort Blk. % Rec.	106.70	%	80-120
	Thallium	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	530.79	ug/L	
		Lab Fort Blk. % Rec.	106.16	%	80-120
	Vanadium	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	545.60	ug/L	
		Lab Fort Blk. % Rec.	109.12	%	80-120
	Zinc	Lab Fort Blank Amt.	500.00	ug/L	
		Lab Fort Blk. Found	565.29	ug/L	
		Lab Fort Blk. % Rec.	113.06	%	80-120

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/24/2009 Lims Bat # : LIMT-23950

QC Batch Number: CYANIDE-3244

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B07767					
	Cyanide	Sample Amount	<0.010	mg/l	
		Matrix Spk Amt Added	0.389	mg/l	
		MS Amt Measured	0.355	mg/l	
		Matrix Spike % Rec.	91.259	%	75-125
		MSD Amount Added	0.389	mg/l	
		MSD Amt Measured	0.382	mg/l	
		MSD % Recovery	98.200	%	
		MSD Range	6.940	units	
		MS Duplicate RPD	7.327	%	20 Max.
BLANK-130788					
	Cyanide	Blank	<0.010	mg/l	
LFBLANK-92994					
	Cyanide	Lab Fort Blank Amt.	0.783	mg/l	
		Lab Fort Blk. Found	0.681	mg/l	
		Lab Fort Blk. % Rec.	86.973	%	
STDADD-35387					
	Cyanide	Standard Measured	0.324	mg/l	
		Standard Amt Added	0.389	mg/l	
		Standard % Recovery	83.290	%	80-120

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/24/2009 Lims Bat # : LIMT-23950

QC Batch Number: GC/FID-23269

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B07762					
	Terphenyl	Surrogate Recovery	82.4	%	50-150
09B07767					
	Terphenyl	Surrogate Recovery	79.8	%	50-150
BLANK-130733					
	Extractable TPH (ETPH)	Blank	<0.075	mg/l	
LFBLANK-92932					
	Extractable TPH (ETPH)	Lab Fort Blank Amt.	1.000	mg/l	
		Lab Fort Blk. Found	0.833	mg/l	
		Lab Fort Blk. % Rec.	83.300	%	60-120
		Dup Lab Fort Bl Amt.	1.000	mg/l	
		Dup Lab Fort Bl. Fnd	0.850	mg/l	
		Dup Lab Fort Bl %Rec	85.000	%	
		Lab Fort Blank Range	1.700	units	
		Lab Fort Bl. Av. Rec	84.150	%	
		LFB Duplicate RPD	2.020	%	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/24/2009 Lims Bat # : LIMT-23950

QC Batch Number: GCMS/SEMI-12045

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B07762					
	Nitrobenzene-d5	Surrogate Recovery	123.5	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	113.8	%	30-130
	Terphenyl-d14	Surrogate Recovery	137.8	%	30-130
09B07767					
	Nitrobenzene-d5	Surrogate Recovery	96.8	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	88.6	%	30-130
	Terphenyl-d14	Surrogate Recovery	106.2	%	30-130
BLANK-130808					
	Naphthalene	Blank	<5.00	ug/l	
	Acenaphthene	Blank	<5.00	ug/l	
	Acenaphthylene	Blank	<5.00	ug/l	
	Anthracene	Blank	<6.00	ug/l	
	Benzo(a)anthracene	Blank	<5.00	ug/l	
	Benzo(a)pyrene	Blank	<5.00	ug/l	
	Benzo(b)fluoranthene	Blank	<5.00	ug/l	
	Benzo(g,h,i)perylene	Blank	<5.00	ug/l	
	Chrysene	Blank	<5.00	ug/l	
	Dibenz(a,h)anthracene	Blank	<5.40	ug/l	
	Fluoranthene	Blank	<5.00	ug/l	
	Fluorene	Blank	<5.00	ug/l	
	Indeno(1,2,3-cd)pyrene	Blank	<5.00	ug/l	
	2-Methylnaphthalene	Blank	<5.00	ug/l	
	Phenanthrene	Blank	<5.00	ug/l	
	Pyrene	Blank	<5.00	ug/l	
	Benzo(k)fluoranthene	Blank	<5.00	ug/l	
LFBLANK-93012					
	Naphthalene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	81.09	ug/l	
		Lab Fort Blk. % Rec.	81.09	%	40-140
	Acenaphthene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	78.81	ug/l	
		Lab Fort Blk. % Rec.	78.81	%	40-140
	Acenaphthylene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	75.05	ug/l	
		Lab Fort Blk. % Rec.	75.05	%	40-140
	Anthracene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	81.45	ug/l	
		Lab Fort Blk. % Rec.	81.45	%	40-140
	Benzo(a)anthracene	Lab Fort Blank Amt.	100.000	ug/l	
		Lab Fort Blk. Found	85.510	ug/l	
		Lab Fort Blk. % Rec.	85.510	%	40-140
	Benzo(a)pyrene	Lab Fort Blank Amt.	100.000	ug/l	
		Lab Fort Blk. Found	91.980	ug/l	

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LFBLANK-93012					
	Benzo(a)pyrene	Lab Fort Blk. % Rec.	91.980	%	40-140
	Benzo(b)fluoranthene	Lab Fort Blank Amt.	100.000	ug/l	
		Lab Fort Blk. Found	93.690	ug/l	
		Lab Fort Blk. % Rec.	93.690	%	40-140
	Benzo(g,h,i)perylene	Lab Fort Blank Amt.	100.000	ug/l	
		Lab Fort Blk. Found	82.210	ug/l	
		Lab Fort Blk. % Rec.	82.210	%	40-140
	Chrysene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	90.06	ug/l	
		Lab Fort Blk. % Rec.	90.06	%	40-140
	Dibenz(a,h)anthracene	Lab Fort Blank Amt.	100.000	ug/l	
		Lab Fort Blk. Found	94.360	ug/l	
		Lab Fort Blk. % Rec.	94.360	%	40-140
	Fluoranthene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	87.69	ug/l	
		Lab Fort Blk. % Rec.	87.69	%	40-140
	Fluorene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	86.76	ug/l	
		Lab Fort Blk. % Rec.	86.76	%	40-140
	Indeno(1,2,3-cd)pyrene	Lab Fort Blank Amt.	100.000	ug/l	
		Lab Fort Blk. Found	100.380	ug/l	
		Lab Fort Blk. % Rec.	100.380	%	40-140
	2-Methylnaphthalene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	80.06	ug/l	
		Lab Fort Blk. % Rec.	80.06	%	40-140
	Phenanthrene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	85.53	ug/l	
		Lab Fort Blk. % Rec.	85.53	%	40-140
	Pyrene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	85.44	ug/l	
		Lab Fort Blk. % Rec.	85.44	%	40-140
	Benzo(k)fluoranthene	Lab Fort Blank Amt.	100.000	ug/l	
		Lab Fort Blk. Found	91.780	ug/l	
		Lab Fort Blk. % Rec.	91.780	%	40-140

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Report Date: 3/24/2009 Lims Bat # : LIMT-23950

QC Batch Number: GCMS/VOL-21755

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B07758					
	1,2-Dichloroethane-d4	Surrogate Recovery	74.1	%	70-130
	Toluene-d8	Surrogate Recovery	95.3	%	70-130
	Bromofluorobenzene	Surrogate Recovery	103.5	%	70-130
09B07760					
	1,2-Dichloroethane-d4	Surrogate Recovery	76.2	%	70-130
	Toluene-d8	Surrogate Recovery	94.8	%	70-130
	Bromofluorobenzene	Surrogate Recovery	99.2	%	70-130
09B07763					
	1,2-Dichloroethane-d4	Surrogate Recovery	75.1	%	70-130
	Toluene-d8	Surrogate Recovery	93.0	%	70-130
	Bromofluorobenzene	Surrogate Recovery	100.9	%	70-130
09B07764					
	1,2-Dichloroethane-d4	Surrogate Recovery	74.4	%	70-130
	Toluene-d8	Surrogate Recovery	93.7	%	70-130
	Bromofluorobenzene	Surrogate Recovery	99.2	%	70-130
09B07765					
	1,2-Dichloroethane-d4	Surrogate Recovery	75.0	%	70-130
	Toluene-d8	Surrogate Recovery	93.2	%	70-130
	Bromofluorobenzene	Surrogate Recovery	102.3	%	70-130
09B07766					
	1,2-Dichloroethane-d4	Surrogate Recovery	75.7	%	70-130
	Toluene-d8	Surrogate Recovery	94.2	%	70-130
	Bromofluorobenzene	Surrogate Recovery	100.7	%	70-130
09B07768					
	1,2-Dichloroethane-d4	Surrogate Recovery	75.1	%	70-130
	Toluene-d8	Surrogate Recovery	92.9	%	70-130
	Bromofluorobenzene	Surrogate Recovery	98.7	%	70-130
09B07771					
	1,2-Dichloroethane-d4	Surrogate Recovery	73.7	%	70-130
	Toluene-d8	Surrogate Recovery	93.8	%	70-130
	Bromofluorobenzene	Surrogate Recovery	100.4	%	70-130
BLANK-130825					
	Acetone	Blank	<50.0	ug/l	
	Benzene	Blank	<0.5	ug/l	
	Carbon Tetrachloride	Blank	<0.5	ug/l	
	Chloroform	Blank	<0.5	ug/l	
	1,2-Dichloroethane	Blank	<0.5	ug/l	
	1,4-Dichlorobenzene	Blank	<0.5	ug/l	
	Ethyl Benzene	Blank	<0.5	ug/l	
	2-Butanone (MEK)	Blank	<2.0	ug/l	
	MIBK	Blank	<2.0	ug/l	
	Naphthalene	Blank	<5.0	ug/l	
	Styrene	Blank	<1.0	ug/l	

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QC Batch Number: GCMS/VOL-21755

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-130825					
	Tetrachloroethylene	Blank	<0.5	ug/l	
	Toluene	Blank	<0.5	ug/l	
	1,1,1-Trichloroethane	Blank	<1.0	ug/l	
	Trichloroethylene	Blank	<0.5	ug/l	
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Blank	<0.5	ug/l	
	Trichlorofluoromethane	Blank	<0.5	ug/l	
	o-Xylene	Blank	<0.5	ug/l	
	m + p Xylene	Blank	<1.0	ug/l	
	1,2-Dichlorobenzene	Blank	<0.5	ug/l	
	1,3-Dichlorobenzene	Blank	<0.5	ug/l	
	1,1-Dichloroethane	Blank	<0.5	ug/l	
	1,1-Dichloroethylene	Blank	<0.5	ug/l	
	1,4-Dioxane	Blank	<10.0	ug/l	
	MTBE	Blank	<0.5	ug/l	
	trans-1,2-Dichloroethylene	Blank	<0.5	ug/l	
	Vinyl Chloride	Blank	<0.5	ug/l	
	Methylene Chloride	Blank	<1.0	ug/l	
	Chlorobenzene	Blank	<0.5	ug/l	
	Chloromethane	Blank	<0.5	ug/l	
	Bromomethane	Blank	<1.0	ug/l	
	Chloroethane	Blank	<1.0	ug/l	
	cis-1,3-Dichloropropene	Blank	<0.5	ug/l	
	trans-1,3-Dichloropropene	Blank	<0.5	ug/l	
	Chlorodibromomethane	Blank	<0.5	ug/l	
	1,1,2-Trichloroethane	Blank	<0.5	ug/l	
	Bromoform	Blank	<0.5	ug/l	
	1,1,2,2-Tetrachloroethane	Blank	<0.5	ug/l	
	2-Chlorotoluene	Blank	<0.5	ug/l	
	Hexachlorobutadiene	Blank	<0.4	ug/l	
	Isopropylbenzene	Blank	<1.0	ug/l	
	p-Isopropyltoluene	Blank	<0.5	ug/l	
	n-Propylbenzene	Blank	<0.5	ug/l	
	sec-Butylbenzene	Blank	<0.5	ug/l	
	tert-Butylbenzene	Blank	<0.5	ug/l	
	1,2,3-Trichlorobenzene	Blank	<5.0	ug/l	
	1,2,4-Trichlorobenzene	Blank	<1.0	ug/l	
	1,2,4-Trimethylbenzene	Blank	<0.5	ug/l	
	1,3,5-Trimethylbenzene	Blank	<0.5	ug/l	
	Dibromomethane	Blank	<0.5	ug/l	
	cis-1,2-Dichloroethylene	Blank	<0.5	ug/l	
	4-Chlorotoluene	Blank	<1.0	ug/l	
	1,1-Dichloropropene	Blank	<0.5	ug/l	
	1,2-Dichloropropane	Blank	<0.5	ug/l	

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-130825					
	1,3-Dichloropropane	Blank	<1.0	ug/l	
	2,2-Dichloropropane	Blank	<0.5	ug/l	
	1,1,1,2-Tetrachloroethane	Blank	<0.5	ug/l	
	1,2,3-Trichloropropane	Blank	<0.5	ug/l	
	n-Butylbenzene	Blank	<1.0	ug/l	
	Dichlorodifluoromethane	Blank	<0.5	ug/l	
	Bromochloromethane	Blank	<0.5	ug/l	
	Bromobenzene	Blank	<0.5	ug/l	
	Acrylonitrile	Blank	<2.0	ug/l	
	Carbon Disulfide	Blank	<0.5	ug/l	
	2-Hexanone	Blank	<50.0	ug/l	
	trans-1,4-Dichloro-2-Butene	Blank	<5.0	ug/l	
	Diethyl Ether	Blank	<0.5	ug/l	
	Bromodichloromethane	Blank	<0.5	ug/l	
	1,2-Dibromo-3-Chloropropane	Blank	<1.0	ug/l	
	1,2-Dibromoethane	Blank	<0.50	ug/l	
	Tetrahydrofuran	Blank	<5.0	ug/l	
	tert-Butyl Alcohol	Blank	<10.0	ug/l	
	Diisopropyl Ether	Blank	<0.5	ug/l	
	tert-Butylethyl Ether	Blank	<0.5	ug/l	
	tert-Amylmethyl Ether	Blank	<0.5	ug/l	
	1,3,5-Trichlorobenzene	Blank	<1.0	ug/l	
LFBLANK-93031					
	Acetone	Lab Fort Blank Amt.	100.0	ug/l	
		Lab Fort Blk. Found	87.2	ug/l	
		Lab Fort Blk. % Rec.	87.2	%	70-160
	Benzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.1	ug/l	
		Lab Fort Blk. % Rec.	101.4	%	70-130
	Carbon Tetrachloride	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.0	ug/l	
		Lab Fort Blk. % Rec.	90.4	%	70-130
	Chloroform	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.7	ug/l	
		Lab Fort Blk. % Rec.	87.9	%	70-130
	1,2-Dichloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	7.8	ug/l	
		Lab Fort Blk. % Rec.	78.1	%	70-130
	1,4-Dichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.0	ug/l	
		Lab Fort Blk. % Rec.	100.8	%	70-130
	Ethyl Benzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.2	ug/l	

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-93031					
	Ethyl Benzene	Lab Fort Blk. % Rec.	112.6	%	70-130
	2-Butanone (MEK)	Lab Fort Blank Amt.	100.0	ug/l	
		Lab Fort Blk. Found	87.2	ug/l	
		Lab Fort Blk. % Rec.	87.2	%	40-160
	MIBK	Lab Fort Blank Amt.	100.0	ug/l	
		Lab Fort Blk. Found	81.7	ug/l	
		Lab Fort Blk. % Rec.	81.7	%	70-160
	Naphthalene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	6.8	ug/l	
		Lab Fort Blk. % Rec.	68.4	%	40-130
	Styrene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.4	ug/l	
		Lab Fort Blk. % Rec.	114.6	%	70-130
	Tetrachloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.6	ug/l	
		Lab Fort Blk. % Rec.	106.5	%	70-160
	Toluene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.4	ug/l	
		Lab Fort Blk. % Rec.	94.6	%	70-130
	1,1,1-Trichloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.7	ug/l	
		Lab Fort Blk. % Rec.	87.5	%	70-130
	Trichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.4	ug/l	
		Lab Fort Blk. % Rec.	94.8	%	70-130
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.7	ug/l	
		Lab Fort Blk. % Rec.	107.3	%	70-130
	Trichlorofluoromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.5	ug/l	
		Lab Fort Blk. % Rec.	85.1	%	70-130
	o-Xylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.1	ug/l	
		Lab Fort Blk. % Rec.	111.0	%	70-130
	m + p Xylene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	21.7	ug/l	
		Lab Fort Blk. % Rec.	108.5	%	70-130
	1,2-Dichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.4	ug/l	
		Lab Fort Blk. % Rec.	104.7	%	70-130
	1,3-Dichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.8	ug/l	
		Lab Fort Blk. % Rec.	108.4	%	70-130

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LFBLANK-93031					
	1,1-Dichloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.9	ug/l	
		Lab Fort Blk. % Rec.	89.7	%	70-130
	1,1-Dichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.4	ug/l	
		Lab Fort Blk. % Rec.	84.5	%	70-130
	1,4-Dioxane	Lab Fort Blank Amt.	100.0	ug/l	
		Lab Fort Blk. Found	89.6	ug/l	
		Lab Fort Blk. % Rec.	89.6	%	40-130
	MTBE	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.2	ug/l	
		Lab Fort Blk. % Rec.	92.6	%	70-130
	trans-1,2-Dichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.5	ug/l	
		Lab Fort Blk. % Rec.	85.2	%	70-130
	Vinyl Chloride	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.0	ug/l	
		Lab Fort Blk. % Rec.	90.7	%	40-160
	Methylene Chloride	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	7.5	ug/l	
		Lab Fort Blk. % Rec.	75.2	%	70-130
	Chlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	12.4	ug/l	
		Lab Fort Blk. % Rec.	124.8	%	70-130
	Chloromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.4	ug/l	
		Lab Fort Blk. % Rec.	84.9	%	40-160
	Bromomethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	5.4	ug/l	
		Lab Fort Blk. % Rec.	54.9	%	40-160
	Chloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.4	ug/l	
		Lab Fort Blk. % Rec.	94.5	%	70-130
	cis-1,3-Dichloropropene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.8	ug/l	
		Lab Fort Blk. % Rec.	88.7	%	70-130
	trans-1,3-Dichloropropene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.0	ug/l	
		Lab Fort Blk. % Rec.	90.4	%	70-130
	Chlorodibromomethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.7	ug/l	
		Lab Fort Blk. % Rec.	87.5	%	70-130
	1,1,2-Trichloroethane	Lab Fort Blank Amt.	10.0	ug/l	

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LFBLANK-93031					
	1,1,2-Trichloroethane	Lab Fort Blk. Found	9.9	ug/l	
		Lab Fort Blk. % Rec.	99.8	%	70-130
	Bromoform	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.1	ug/l	
		Lab Fort Blk. % Rec.	101.6	%	70-130
	1,1,2,2-Tetrachloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.3	ug/l	
		Lab Fort Blk. % Rec.	113.5	%	70-130
	2-Chlorotoluene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.7	ug/l	
		Lab Fort Blk. % Rec.	107.6	%	70-130
	Hexachlorobutadiene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.5	ug/l	
		Lab Fort Blk. % Rec.	85.6	%	70-130
	Isopropylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.9	ug/l	
		Lab Fort Blk. % Rec.	119.5	%	70-130
	p-Isopropyltoluene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.6	ug/l	
		Lab Fort Blk. % Rec.	96.8	%	70-130
	n-Propylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.4	ug/l	
		Lab Fort Blk. % Rec.	94.7	%	70-130
	sec-Butylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.0	ug/l	
		Lab Fort Blk. % Rec.	90.8	%	70-130
	tert-Butylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.4	ug/l	
		Lab Fort Blk. % Rec.	94.5	%	70-130
	1,2,3-Trichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	6.6	ug/l	
		Lab Fort Blk. % Rec.	66.1	%	70-130
	1,2,4-Trichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	7.4	ug/l	
		Lab Fort Blk. % Rec.	74.2	%	70-130
	1,2,4-Trimethylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.4	ug/l	
		Lab Fort Blk. % Rec.	94.2	%	70-130
	1,3,5-Trimethylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.7	ug/l	
		Lab Fort Blk. % Rec.	107.1	%	70-130
	Dibromomethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.8	ug/l	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/24/2009 Lims Bat # : LIMT-23950

QC Batch Number: GCMS/VOL-21755

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-93031					
	Dibromomethane	Lab Fort Blk. % Rec.	88.2	%	70-130
	cis-1,2-Dichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.6	ug/l	
		Lab Fort Blk. % Rec.	86.0	%	70-130
	4-Chlorotoluene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.9	ug/l	
		Lab Fort Blk. % Rec.	99.8	%	70-130
	1,1-Dichloropropene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.2	ug/l	
		Lab Fort Blk. % Rec.	92.9	%	70-130
	1,2-Dichloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.5	ug/l	
		Lab Fort Blk. % Rec.	95.5	%	70-130
	1,3-Dichloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.7	ug/l	
		Lab Fort Blk. % Rec.	87.9	%	70-130
	2,2-Dichloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.9	ug/l	
		Lab Fort Blk. % Rec.	99.6	%	40-130
	1,1,1,2-Tetrachloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	13.1	ug/l	
		Lab Fort Blk. % Rec.	131.7	%	70-130
	1,2,3-Trichloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.0	ug/l	
		Lab Fort Blk. % Rec.	90.5	%	70-130
	n-Butylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.7	ug/l	
		Lab Fort Blk. % Rec.	87.3	%	70-130
	Dichlorodifluoromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	6.8	ug/l	
		Lab Fort Blk. % Rec.	68.2	%	40-160
	Bromochloromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.7	ug/l	
		Lab Fort Blk. % Rec.	87.8	%	70-130
	Bromobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.2	ug/l	
		Lab Fort Blk. % Rec.	102.8	%	70-130
	Acrylonitrile	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.0	ug/l	
		Lab Fort Blk. % Rec.	90.2	%	70-130
	Carbon Disulfide	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.4	ug/l	
		Lab Fort Blk. % Rec.	94.9	%	70-130

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/24/2009 Lims Bat # : LIMT-23950

QC Batch Number: GCMS/VOL-21755

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-93031					
	2-Hexanone	Lab Fort Blank Amt.	100.0	ug/l	
		Lab Fort Blk. Found	80.7	ug/l	
		Lab Fort Blk. % Rec.	80.7	%	70-160
	trans-1,4-Dichloro-2-Butene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	7.5	ug/l	
		Lab Fort Blk. % Rec.	75.4	%	70-130
	Diethyl Ether	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.4	ug/l	
		Lab Fort Blk. % Rec.	94.4	%	70-130
	Bromodichloromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.1	ug/l	
		Lab Fort Blk. % Rec.	81.8	%	70-130
	1,2-Dibromo-3-Chloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	7.7	ug/l	
		Lab Fort Blk. % Rec.	77.5	%	70-130
	1,2-Dibromoethane	Lab Fort Blank Amt.	10.00	ug/l	
		Lab Fort Blk. Found	9.88	ug/l	
		Lab Fort Blk. % Rec.	98.80	%	70-130
	Tetrahydrofuran	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.1	ug/l	
		Lab Fort Blk. % Rec.	81.8	%	70-130
	tert-Butyl Alcohol	Lab Fort Blank Amt.	100.0	ug/l	
		Lab Fort Blk. Found	92.6	ug/l	
		Lab Fort Blk. % Rec.	92.6	%	40-160
	Diisopropyl Ether	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.4	ug/l	
		Lab Fort Blk. % Rec.	94.8	%	70-130
	tert-Butylethyl Ether	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.0	ug/l	
		Lab Fort Blk. % Rec.	100.7	%	70-130
	tert-Amylmethyl Ether	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.5	ug/l	
		Lab Fort Blk. % Rec.	105.5	%	70-130
	1,3,5-Trichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.6	ug/l	
		Lab Fort Blk. % Rec.	96.3	%	70-130

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/24/2009 Lims Bat # : LIMT-23950

QC Batch Number: GCMS/VOL-21756

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B07759					
	1,2-Dichloroethane-d4	Surrogate Recovery	76.2	%	70-130
	Toluene-d8	Surrogate Recovery	93.6	%	70-130
	Bromofluorobenzene	Surrogate Recovery	100.0	%	70-130
09B07761					
	1,2-Dichloroethane-d4	Surrogate Recovery	75.6	%	70-130
	Toluene-d8	Surrogate Recovery	94.7	%	70-130
	Bromofluorobenzene	Surrogate Recovery	100.2	%	70-130
09B07762					
	1,2-Dichloroethane-d4	Surrogate Recovery	75.8	%	70-130
	Toluene-d8	Surrogate Recovery	94.3	%	70-130
	Bromofluorobenzene	Surrogate Recovery	98.3	%	70-130
BLANK-130826					
	Acetone	Blank	<50.0	ug/l	
	Benzene	Blank	<0.5	ug/l	
	Carbon Tetrachloride	Blank	<0.5	ug/l	
	Chloroform	Blank	<0.5	ug/l	
	1,2-Dichloroethane	Blank	<0.5	ug/l	
	1,4-Dichlorobenzene	Blank	<0.5	ug/l	
	Ethyl Benzene	Blank	<0.5	ug/l	
	2-Butanone (MEK)	Blank	<2.0	ug/l	
	MIBK	Blank	<2.0	ug/l	
	Naphthalene	Blank	<5.0	ug/l	
	Styrene	Blank	<1.0	ug/l	
	Tetrachloroethylene	Blank	<0.5	ug/l	
	Toluene	Blank	<0.5	ug/l	
	1,1,1-Trichloroethane	Blank	<1.0	ug/l	
	Trichloroethylene	Blank	<0.5	ug/l	
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Blank	<0.5	ug/l	
	Trichlorofluoromethane	Blank	<0.5	ug/l	
	o-Xylene	Blank	<0.5	ug/l	
	m + p Xylene	Blank	<1.0	ug/l	
	1,2-Dichlorobenzene	Blank	<0.5	ug/l	
	1,3-Dichlorobenzene	Blank	<0.5	ug/l	
	1,1-Dichloroethane	Blank	<0.5	ug/l	
	1,1-Dichloroethylene	Blank	<0.5	ug/l	
	1,4-Dioxane	Blank	<10.0	ug/l	
	MTBE	Blank	<0.5	ug/l	
	trans-1,2-Dichloroethylene	Blank	<0.5	ug/l	
	Vinyl Chloride	Blank	<0.5	ug/l	
	Methylene Chloride	Blank	<1.0	ug/l	
	Chlorobenzene	Blank	<0.5	ug/l	
	Chloromethane	Blank	<0.5	ug/l	
	Bromomethane	Blank	<1.0	ug/l	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/24/2009 Lims Bat # : LIMT-23950

QC Batch Number: GCMS/VOL-21756

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-130826					
	Chloroethane	Blank	<1.0	ug/l	
	cis-1,3-Dichloropropene	Blank	<0.5	ug/l	
	trans-1,3-Dichloropropene	Blank	<0.5	ug/l	
	Chlorodibromomethane	Blank	<0.5	ug/l	
	1,1,2-Trichloroethane	Blank	<0.5	ug/l	
	Bromoform	Blank	<0.5	ug/l	
	1,1,2,2-Tetrachloroethane	Blank	<0.5	ug/l	
	2-Chlorotoluene	Blank	<0.5	ug/l	
	Hexachlorobutadiene	Blank	<0.4	ug/l	
	Isopropylbenzene	Blank	<1.0	ug/l	
	p-Isopropyltoluene	Blank	<0.5	ug/l	
	n-Propylbenzene	Blank	<0.5	ug/l	
	sec-Butylbenzene	Blank	<0.5	ug/l	
	tert-Butylbenzene	Blank	<0.5	ug/l	
	1,2,3-Trichlorobenzene	Blank	<5.0	ug/l	
	1,2,4-Trichlorobenzene	Blank	<1.0	ug/l	
	1,2,4-Trimethylbenzene	Blank	<0.5	ug/l	
	1,3,5-Trimethylbenzene	Blank	<0.5	ug/l	
	Dibromomethane	Blank	<0.5	ug/l	
	cis-1,2-Dichloroethylene	Blank	<0.5	ug/l	
	4-Chlorotoluene	Blank	<1.0	ug/l	
	1,1-Dichloropropene	Blank	<0.5	ug/l	
	1,2-Dichloropropane	Blank	<0.5	ug/l	
	1,3-Dichloropropane	Blank	<1.0	ug/l	
	2,2-Dichloropropane	Blank	<0.5	ug/l	
	1,1,1,2-Tetrachloroethane	Blank	<0.5	ug/l	
	1,2,3-Trichloropropane	Blank	<0.5	ug/l	
	n-Butylbenzene	Blank	<1.0	ug/l	
	Dichlorodifluoromethane	Blank	<0.5	ug/l	
	Bromochloromethane	Blank	<0.5	ug/l	
	Bromobenzene	Blank	<0.5	ug/l	
	Acrylonitrile	Blank	<2.0	ug/l	
	Carbon Disulfide	Blank	<0.5	ug/l	
	2-Hexanone	Blank	<50.0	ug/l	
	trans-1,4-Dichloro-2-Butene	Blank	<5.0	ug/l	
	Diethyl Ether	Blank	<0.5	ug/l	
	Bromodichloromethane	Blank	<0.5	ug/l	
	1,2-Dibromo-3-Chloropropane	Blank	<1.0	ug/l	
	1,2-Dibromoethane	Blank	<0.50	ug/l	
	Tetrahydrofuran	Blank	<5.0	ug/l	
	tert-Butyl Alcohol	Blank	<10.0	ug/l	
	Diisopropyl Ether	Blank	<0.5	ug/l	
	tert-Butylethyl Ether	Blank	<0.5	ug/l	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

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Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/24/2009 Lims Bat # : LIMT-23950

QC Batch Number: GCMS/VOL-21756

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-130826					
	tert-Amylmethyl Ether	Blank	<0.5	ug/l	
	1,3,5-Trichlorobenzene	Blank	<1.0	ug/l	
LFBLANK-93032					
	Acetone	Lab Fort Blank Amt.	100.0	ug/l	
		Lab Fort Blk. Found	77.1	ug/l	
		Lab Fort Blk. % Rec.	77.1	%	70-160
	Benzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.6	ug/l	
		Lab Fort Blk. % Rec.	96.6	%	70-130
	Carbon Tetrachloride	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.6	ug/l	
		Lab Fort Blk. % Rec.	86.5	%	70-130
	Chloroform	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.2	ug/l	
		Lab Fort Blk. % Rec.	82.2	%	70-130
	1,2-Dichloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	7.3	ug/l	
		Lab Fort Blk. % Rec.	73.0	%	70-130
	1,4-Dichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.8	ug/l	
		Lab Fort Blk. % Rec.	98.4	%	70-130
	Ethyl Benzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.6	ug/l	
		Lab Fort Blk. % Rec.	106.1	%	70-130
	2-Butanone (MEK)	Lab Fort Blank Amt.	100.0	ug/l	
		Lab Fort Blk. Found	80.9	ug/l	
		Lab Fort Blk. % Rec.	80.9	%	40-160
	MIBK	Lab Fort Blank Amt.	100.0	ug/l	
		Lab Fort Blk. Found	70.7	ug/l	
		Lab Fort Blk. % Rec.	70.7	%	70-160
	Naphthalene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	5.3	ug/l	
		Lab Fort Blk. % Rec.	53.1	%	40-130
	Styrene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.7	ug/l	
		Lab Fort Blk. % Rec.	107.6	%	70-130
	Tetrachloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.9	ug/l	
		Lab Fort Blk. % Rec.	99.6	%	70-160
	Toluene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.5	ug/l	
		Lab Fort Blk. % Rec.	85.7	%	70-130
	1,1,1-Trichloroethane	Lab Fort Blank Amt.	10.0	ug/l	

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Sample Matrix Spikes and Matrix Spike Duplicates

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Report Date: 3/24/2009 Lims Bat # : LIMT-23950

QC Batch Number: GCMS/VOL-21756

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-93032					
	1,1,1-Trichloroethane	Lab Fort Blk. Found	8.1	ug/l	
		Lab Fort Blk. % Rec.	81.6	%	70-130
	Trichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.8	ug/l	
		Lab Fort Blk. % Rec.	88.7	%	70-130
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.1	ug/l	
		Lab Fort Blk. % Rec.	101.5	%	70-130
	Trichlorofluoromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.3	ug/l	
		Lab Fort Blk. % Rec.	83.7	%	70-130
	o-Xylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.0	ug/l	
		Lab Fort Blk. % Rec.	100.9	%	70-130
	m + p Xylene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	20.2	ug/l	
		Lab Fort Blk. % Rec.	101.0	%	70-130
	1,2-Dichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.8	ug/l	
		Lab Fort Blk. % Rec.	98.1	%	70-130
	1,3-Dichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.2	ug/l	
		Lab Fort Blk. % Rec.	102.6	%	70-130
	1,1-Dichloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.6	ug/l	
		Lab Fort Blk. % Rec.	86.5	%	70-130
	1,1-Dichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	7.8	ug/l	
		Lab Fort Blk. % Rec.	78.2	%	70-130
	1,4-Dioxane	Lab Fort Blank Amt.	100.0	ug/l	
		Lab Fort Blk. Found	79.0	ug/l	
		Lab Fort Blk. % Rec.	79.0	%	40-130
	MTBE	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.4	ug/l	
		Lab Fort Blk. % Rec.	84.4	%	70-130
	trans-1,2-Dichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.4	ug/l	
		Lab Fort Blk. % Rec.	84.2	%	70-130
	Vinyl Chloride	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.5	ug/l	
		Lab Fort Blk. % Rec.	85.1	%	40-160
	Methylene Chloride	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	7.2	ug/l	

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QC SUMMARY REPORT

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Sample Matrix Spikes and Matrix Spike Duplicates

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Report Date: 3/24/2009 Lims Bat # : LIMT-23950

QC Batch Number: GCMS/VOL-21756

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-93032					
	Methylene Chloride	Lab Fort Blk. % Rec.	72.1	%	70-130
	Chlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.4	ug/l	
		Lab Fort Blk. % Rec.	114.9	%	70-130
	Chloromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.4	ug/l	
		Lab Fort Blk. % Rec.	84.5	%	40-160
	Bromomethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	5.2	ug/l	
		Lab Fort Blk. % Rec.	52.6	%	40-160
	Chloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.0	ug/l	
		Lab Fort Blk. % Rec.	90.1	%	70-130
	cis-1,3-Dichloropropene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	7.9	ug/l	
		Lab Fort Blk. % Rec.	79.4	%	70-130
	trans-1,3-Dichloropropene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.3	ug/l	
		Lab Fort Blk. % Rec.	83.7	%	70-130
	Chlorodibromomethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.1	ug/l	
		Lab Fort Blk. % Rec.	81.0	%	70-130
	1,1,2-Trichloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.5	ug/l	
		Lab Fort Blk. % Rec.	95.0	%	70-130
	Bromoform	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.1	ug/l	
		Lab Fort Blk. % Rec.	91.0	%	70-130
	1,1,2,2-Tetrachloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.6	ug/l	
		Lab Fort Blk. % Rec.	106.6	%	70-130
	2-Chlorotoluene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.5	ug/l	
		Lab Fort Blk. % Rec.	95.6	%	70-130
	Hexachlorobutadiene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.0	ug/l	
		Lab Fort Blk. % Rec.	80.7	%	70-130
	Isopropylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.9	ug/l	
		Lab Fort Blk. % Rec.	109.3	%	70-130
	p-Isopropyltoluene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.2	ug/l	
		Lab Fort Blk. % Rec.	92.7	%	70-130

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/24/2009 Lims Bat # : LIMT-23950

QC Batch Number: GCMS/VOL-21756

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-93032					
	n-Propylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.5	ug/l	
		Lab Fort Blk. % Rec.	85.4	%	70-130
	sec-Butylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.5	ug/l	
		Lab Fort Blk. % Rec.	85.6	%	70-130
	tert-Butylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.9	ug/l	
		Lab Fort Blk. % Rec.	89.2	%	70-130
	1,2,3-Trichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	5.3	ug/l	
		Lab Fort Blk. % Rec.	53.5	%	70-130
	1,2,4-Trichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	6.2	ug/l	
		Lab Fort Blk. % Rec.	62.8	%	70-130
	1,2,4-Trimethylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.8	ug/l	
		Lab Fort Blk. % Rec.	88.6	%	70-130
	1,3,5-Trimethylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.6	ug/l	
		Lab Fort Blk. % Rec.	96.4	%	70-130
	Dibromomethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.4	ug/l	
		Lab Fort Blk. % Rec.	84.9	%	70-130
	cis-1,2-Dichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.1	ug/l	
		Lab Fort Blk. % Rec.	81.9	%	70-130
	4-Chlorotoluene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.2	ug/l	
		Lab Fort Blk. % Rec.	92.4	%	70-130
	1,1-Dichloropropene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.6	ug/l	
		Lab Fort Blk. % Rec.	86.5	%	70-130
	1,2-Dichloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.7	ug/l	
		Lab Fort Blk. % Rec.	87.2	%	70-130
	1,3-Dichloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.0	ug/l	
		Lab Fort Blk. % Rec.	80.4	%	70-130
	2,2-Dichloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.8	ug/l	
		Lab Fort Blk. % Rec.	88.2	%	40-130
	1,1,1,2-Tetrachloroethane	Lab Fort Blank Amt.	10.0	ug/l	

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QC SUMMARY REPORT

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Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/24/2009 Lims Bat # : LIMT-23950

QC Batch Number: GCMS/VOL-21756

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-93032					
	1,1,1,2-Tetrachloroethane	Lab Fort Blk. Found	12.0	ug/l	
		Lab Fort Blk. % Rec.	120.0	%	70-130
	1,2,3-Trichloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.0	ug/l	
		Lab Fort Blk. % Rec.	80.9	%	70-130
	n-Butylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.3	ug/l	
		Lab Fort Blk. % Rec.	83.2	%	70-130
	Dichlorodifluoromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	6.1	ug/l	
		Lab Fort Blk. % Rec.	61.5	%	40-160
	Bromochloromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.9	ug/l	
		Lab Fort Blk. % Rec.	89.6	%	70-130
	Bromobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.5	ug/l	
		Lab Fort Blk. % Rec.	95.6	%	70-130
	Acrylonitrile	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.8	ug/l	
		Lab Fort Blk. % Rec.	88.9	%	70-130
	Carbon Disulfide	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.9	ug/l	
		Lab Fort Blk. % Rec.	89.6	%	70-130
	2-Hexanone	Lab Fort Blank Amt.	100.0	ug/l	
		Lab Fort Blk. Found	68.0	ug/l	
		Lab Fort Blk. % Rec.	68.0	%	70-160
	trans-1,4-Dichloro-2-Butene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	7.5	ug/l	
		Lab Fort Blk. % Rec.	75.2	%	70-130
	Diethyl Ether	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.6	ug/l	
		Lab Fort Blk. % Rec.	86.7	%	70-130
	Bromodichloromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	7.5	ug/l	
		Lab Fort Blk. % Rec.	75.3	%	70-130
	1,2-Dibromo-3-Chloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	6.5	ug/l	
		Lab Fort Blk. % Rec.	65.0	%	70-130
	1,2-Dibromoethane	Lab Fort Blank Amt.	10.00	ug/l	
		Lab Fort Blk. Found	9.27	ug/l	
		Lab Fort Blk. % Rec.	92.70	%	70-130
	Tetrahydrofuran	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	7.5	ug/l	

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QC SUMMARY REPORT

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Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/24/2009 Lims Bat # : LIMT-23950

QC Batch Number: GCMS/VOL-21756

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-93032					
	Tetrahydrofuran	Lab Fort Blk. % Rec.	75.8	%	70-130
	tert-Butyl Alcohol	Lab Fort Blank Amt.	100.0	ug/l	
		Lab Fort Blk. Found	82.6	ug/l	
		Lab Fort Blk. % Rec.	82.6	%	40-160
	Diisopropyl Ether	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.9	ug/l	
		Lab Fort Blk. % Rec.	89.9	%	70-130
	tert-Butylethyl Ether	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.5	ug/l	
		Lab Fort Blk. % Rec.	95.5	%	70-130
	tert-Amylmethyl Ether	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.7	ug/l	
		Lab Fort Blk. % Rec.	97.3	%	70-130
	1,3,5-Trichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.8	ug/l	
		Lab Fort Blk. % Rec.	88.4	%	70-130

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 3/24/2009 Lims Bat # : LIMT-23950

QC Batch Number: HG-9945

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-130838					
	Mercury	Blank	<0.00010	mg/l	
LFBLANK-93043					
	Mercury	Lab Fort Blank Amt.	0.00200	mg/l	
		Lab Fort Blk. Found	0.00208	mg/l	
		Lab Fort Blk. % Rec.	104.40000	%	85-115

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

QUALITY CONTROL DEFINITIONS AND ABBREVIATIONS

QC BATCH NUMBER	This is the number assigned to all samples analyzed together that would be subject to comparison with a particular set of Quality Control Data.
LIMITS	Upper and Lower Control Limits for the QC ANALYSIS Reported. All values normally would fall within these statistically determined limits, unless there is an unusual circumstance that would be documented in a NOTE appearing on the last page of the QC SUMMARY REPORT. Not all QC results will have Limits defined.
Sample Amount	Amount of analyte found in a sample.
Blank	Method Blank that has been taken though all the steps of the analysis.
LFBLANK	Laboratory Fortified Blank (a control sample)
STDADD	Standard Added (a laboratory control sample)
Matrix Spk Amt Added	Amount of analyte spiked into a sample
MS Amt Measured	Amount of analyte found including amount that was spiked
Matrix Spike % Rec.	% Recovery of spiked amount in sample.
Duplicate Value	The result from the Duplicate analysis of the sample.
Duplicate RPD	The Relative Percent Difference between two Duplicate Analyses.
Surrogate Recovery	The % Recovery for non-environmental compounds (surrogates) spiked into samples to determine the performance of the analytical methods.
Sur. Recovery (ELCD)	Surrogate Recovery on the Electrolytic Conductivity Detector.
Sur. Recovery (PID)	Surrogate Recovery on the Photoionization Detector.
Standard Measured	Amount measured for a laboratory control sample
Standard Amt Added	Known value for a laboratory control sample
Standard % Recovery	% recovered for a laboratory control sample with a known value.
Lab Fort Blank Amt	Laboratory Fortified Blank Amount Added
Lab Fort Blk. Found	Laboratory Fortified Blank Amount Found
Lab Fort Blk % Rec	Laboratory Fortified Blank % Recovered
Dup Lab Fort Bl Amt	Duplicate Laboratory Fortified Blank Amount Added
Dup Lab Fort Bl Fnd	Duplicate Laboratory Fortified Blank Amount Found
Dup Lab Fort Bl % Rec	Duplicate Laboratory Fortified Blank % Recovery
Lab Fort Blank Range	Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified Blank Duplicate).
Lab Fort Bl. Av. Rec.	Laboratory Fortified Blank Average Recovery
Duplicate Sample Amt	Sample Value for Duplicate used with Matrix Spike Duplicate
MSD Amount Added	Matrix Spike Duplicate Amount Added (Spiked)
MSD Amt Measured	Matrix Spike Duplicate Amount Measured
MSD % Recovery	Matrix Spike Duplicate % Recovery
MSD Range	Absolute difference between Matrix Spike and Matrix Spike Duplicate Recoveries

REASONABLE CONFIDENCE PROTOCOL

LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory *Client:* AECOM

Project Location: MERIDEN *Project Number:* LIMT-23950

Laboratory Sample ID(s): 09B07758 *Sampling Date(s):* 3/12/09, 3/13/09

List RCP Methods Used (e.g., 8260, 8270, et cetera) 8260, 6020, 9014, ETPH, 7470, 8270

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 or 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° C°)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	☐Yes ☒No ☐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: Edward Denson **Position: Technical Director**

Printed Name: Edward Denson **Date:** 3/24/09

Name of Laboratory: CON-TEST ANALYTICAL LABORATORY

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

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Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

Limit-23950

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: AECOM
Address: 500 ENTERPRISE DR. SUITE 1A, ROCKY HILL, CT
Attention: CHRIS SHORES

Telephone: (860) 263-5765
Project #: 60073489
Client PO #: —

Project Location: MERIDEN
Sampled By: SHORES

DATA DELIVERY (check one):
☐ FAX ☒ EMAIL ☐ WEBSITE CLIENT
Fax #:
Email: chris.shores@aecom.com
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY ☐ OTHER

Proposal Provided? (For Billing purposes) ☐ yes _____ proposal date

State Form Required? ☐ yes ☐ no

ANALYSIS REQUESTED

Field ID	Sample Description	Lab # 04R	Date Sampled Start Date/Time	Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	VOCs	ETPH	PAHs	15 METALS	CYANIDE	ZINC	ARSENIC					# of containers
									I											**Preservation
									V	G	G	P	P	P	P					-Cont.Code
	ME-MW-01	07758	1523	3/13		X	GW	H	X											
	AOC-17 MW-1	07759	1445	3/13		X		H	X											
	MW-101	07760	1345	3/13		X		H	X											
	MW-100	07761	1310	3/13		X		H	X											
	ME-MW-02 (INSIDE)	07762	1055	3/13		X		H/N/X	X	X	X	X	X							
	AOC-11 MW-01	07763	1017	3/12				H/N	X					X						
	[illegible] MW-11	07764	1425	3/12				H/N	X					X						
	MW-102	07765	1502	3/12			↓	H	X											

-Cont. Code: A=amber glass, G=glass, P=plastic, ST=sterile, V=vial, S=summa can, T=ziplock bag, O=Other

Client Comments:

Laboratory 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: 1536 03-13-09	
Received by: (signature)	Date/Time: 3/13/09 1356	
Relinquished by: (signature)	Date/Time: 3/13/09 1800	
Received by: (signature) 3-0C	Date/Time: 3/13/09 1800	

Turnaround **
☒ 7-Day
☐ 10-Day
☐ Other ____

RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations?
Data Enhancement Project/RCP? ☒ Y ☐ N
Special Requirements or DL's:

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other
X = Na hydroxide
T = Na thiosulfate

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY CLIENT.

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CHAIN OF CUSTODY RECORD

Limt-83450

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: AECOM
Address:
Attention:
Project Location:
Sampled By:

Telephone:( )
Project #
Client PO #

DATA DELIVERY (check one):
☐FAX ☐EMAIL ☐WEBSITE CLIENT
Fax # :
Email:
Format: ☐ EXCEL ☐ PDF ☐ GIS KEY ☐ OTHER

Proposal Provided? (For Billing purposes) ☐ yes proposal date
State Form Required? ☐ yes ☐ no

ANALYSIS REQUESTED

Field ID	Sample Description	Lab # 09B	Date Sampled Start Date/Time	Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	VOCs	ETPH	PAHs	15 Metals	CYANIDE	ZINC	ARSENIC					# of containers / **Preservation / ~Cont.Code
									I											
									V	G	G	P	P	P	P					
	AOC-3 MW-1	07766	1256	3/12		X	GW	H	X											
	ME-MW-02 DUP (INSIDE)	07767	1055	3/13		X	GW	N/X		X	X	X	X							
	MW-102 DUP	07768	1502	3/12		X	GW	H	X											
	AOC-11 MW-01 DUP	07769	1017	3/12		X	GW	N							X					
	AOC-17 MW-11 DUP	07770	1425	3/12		X	GW	N						X						
	TB		1530				GW	H	X											

~Cont. Code: A=amber glass, G=glass, P=plastic, ST=sterile, V=vial, S=summa can, T=tedlar bag, O=other

Client Comments:

Laboratory 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: 1356 03-13-09
Received by: (signature)	Date/Time: 3/13/09 1356
Relinquished by: (signature)	Date/Time: 3/13/09 1800
Received by: (signature)	Date/Time: 3/13/09 1800

Turnaround **
☐ 7-Day
☐ 10-Day
☐ Other
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations?
Data Enhancement Project/RCP? ☐ Y ☐ N
Special Requirements or DL's:

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other
X = Na hydroxide
T = Na thiosulfate

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

AIHA, NELAC & WBE/DBE 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: AECOM RECEIVED BY: OEC DATE: 3/13/08

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
Temperature °C by Temp blank 3.0 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 sent in to Con-Test

	# of containers		# of containers
1 Liter Amber	4	8 oz clear jar	
500 mL Amber		4 oz clear jar	
250 mL Amber (8oz amber)		2 oz clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic	8	Air Cassette	
40 mL Vial - type listed below	22	Brass Sleeves	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Summa Cans	
Flashpoint bottle		Regulators	
Encore		Other	

Laboratory Comments: pH<2 NA 7/2 OEC to switch samples from MW-2 to MW-2 Dup per client. OEC 7/16
ME MW-2 for Metal and ME MW-2 Dup for Cyanide. Seem to be switched
client call OEC 7/17

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____ Time and Date Frozen: _____
Thiosulfate _____ Unpreserved _____

Do all samples have the proper pH: Yes No N/A

Appendix F

2007 Conceptual Site Model

Appendix F

2007 Conceptual Site Model

8.0 CONCEPTUAL SITE MODEL

As described in Section 2.0, the site has historically been used for commercial and industrial activities. Based on the history of the site and information from previous investigations, a Conceptual Site Model (CSM) has been constructed to better evaluate the environmental conditions on the site.

The development of a conceptual site model (CSM) is an evaluation process used to develop a comprehensive understanding of environmental site conditions. The CSM is typically revised as additional pertinent information is obtained and is therefore an iterative process. Ultimately, the resultant CSM provides a current comprehensive status of environmental conditions at a site. Typical issues evaluated include potential historical and present site operations/activities, areas of concern (AOCs), constituents of concern, geology, hydrogeology and hydrology, subsurface structures, degree and extent of contaminants within each media affected, and determination of potential receptors of the identified impacts. The CSM process integrates these issues to develop the comprehensive environmental site conditions. The CSM for the site is summarized in Table 9. Table 9 presents each site AOC, confirmed constituents of concern (COCs) exceeding RSR criteria (if any) in each AOC, and general recommendations for further investigations and/or remediation. Table 9 also includes data and information from previous investigations. This table was developed to facilitate the tracking of activities in each AOC.

8.1 Current Site Understanding

This section presents a discussion regarding the current understanding of the site with respect to site AOCs, COCs, Stabilization Areas (SAs) and RSR requirements. Based on our understanding of the site and a review of the data, a number of AOCs and SAs overlap and therefore are addressed together. Using the CSM, individual AOCs and SAs have been separated into the following four categories;

1) AOCs where RSR exceedances (soil and groundwater) have been identified and additional investigations and/or remediation may be approperiate;
2) AOCs where no RSR exceedances have been detected, and/or no additional investigations/remediation are recommended, and/or the area can be closed out with existing data;
3) AOCs which were not addresses as part of the Phase II/III investigation;
4) AOCs which may be addressed after demolition or during flood control evaluation.

In evaluating the four categories, with the focus on the areas where additional investigations and or remediation may be appropriate, please refer to the CSM (Table 9) and figures 4, 5 and 6 for additional information. The boundary between 77 Cooper Street and 104 Butler Street is depicted on the City of Meriden Economic Development Office site map, included in Appendix B. Figure 4, 5 and 6 present map views and RSR exceedances in the soil at 0-2', 2-4' and greater than 4' below land surface, respectively. These figures will help in planning remediation activities. Additionally, figure 7 presents RSR exceedances in site groundwater.

AOC RSR Exceedances in Soil - Additional Investigation and/or Remediation

A total of 33 AOCs/SAs have been identified as potentially requiring additional investigations and/or remediation, and have been combined into the following 11 main portions of the site. A number of the AOCs/SAs have been combined due to physical proximity, and to maximize future investigation/remediation efforts. In other words, investigation/remediation tasks can be utilized to address more than one AOC.

1) AOC-*1, (AOC-18, SA-K, SA-L, and SA-M)* – ETPH and PAH exceedances were noted in the soil adjacent to the 20,000-gallon USTs. This area is adjacent to Building C (Boiler Building), the COCs have been identified and remediation will be required. The full extent of the soil contamination has not

been completely delineated. Figure 4 shows the estimated extent of contamination requiring remediation in the top 2 feet of soil based on existing data. The estimated extents of contamination requiring remediation in deeper soils are shown on Figures 5 and 6. Depth to groundwater in this area is approximately 12' bgs.

Additional investigations would help to refine remediation requirements. It may be practical to re-assess the need for additional investigations during the flood control evaluation and the demolition phase of the project. Contingent upon re-development plans and incorporated flood management components, this area may be excavated and excess material disposed of as non-hazardous, Connecticut Regulated Waste or potentially capped on site.

- PAHs and ETPH > RDEC and I/C DEC at 0-2' bgs;
- PAHs > RDEC and I/C DEC at 2-4' bgs and 4-6' bgs;
- ETPH > RDEC and I/C DEC at 8-10' bgs.

2) AOC-2 *(AOC-5, SA-U, SA-V and SA-W)* – ETPH and PAHs exceedances were noted in the soil. This area is located along the western bank of Harbor Brook on the 77 Cooper Street parcel and near the southern extent of the brook. This area has been investigated, the COCs have been identified, and remediation will be required. The extent of the soil contamination to the south however, has not been delineated. The estimated extent of soil requiring remediation by depth are shown on Figures 4, 5 and 6.

Additional investigations would help to refine remediation requirements. It may be practical to re-assess the need for additional investigations during the flood control evaluation and the demolition phase of the project. Contingent upon re-development plans and incorporated flood management components, this area may be excavated and excess material disposed of

as non-hazardous, Connecticut Regulated Waste or potentially capped on site.

- PAHs and ETPH > RDEC and I/C DEC at 0-0.5' bgs; PAHs (mass) > GB PMC at 0-0.5'bgs;
- PAHs and ETPH > RDEC and I/C DEC at 2-4'; PAHs (mass) > GB PMC;
- PAHs >RDEC and I/C DEC at 5.5-6' bgs; ETPH > RDEC at 6-8' bgs and 9-11' bgs, and the I/C DEC at 6-8' bgs.

3) *AOC-10* – PAH RSR exceedances in the vicinity of the water tower were identified in shallow soil. This area has been investigated, the COCs have been identified, and remediation will be required. The extent of the soil contamination however, has not been completely delineated. The estimated extent of soil requiring remediation in this area is shown on Figure 4.

   Additional investigations would help refine remediation requirements. It may be practical to re-assess the need for additional investigations during the flood control evaluation and/or the demolition phase of the project.

   - PAHs (mass) > RDEC and GB PMC at 0-0.5'bgs.

4) *AOC-11 (AOC-16, SA-T and AOC-15C – debris pile)* – ETPH and total lead RSR exceedances were identified in this area, southwest side of Building A, on the 77 Cooper Street parcel. This area has been investigated, the COCs have been identified, and remediation will be required. Additionally, arsenic was detected in exceedance of the RSR criteria in the groundwater.

   Additional investigations would help to refine remediation requirements. It may be practical to re-assess the need for additional investigations during the flood control evaluation and the demolition phase of the project.

Contingent upon re-development plans and incorporated flood management components, this area may be excavated and excess material disposed of as non-hazardous, Connecticut Regulated Waste.

- ETPH > RDEC at 0-0.5' bgs;
- Total Lead > RDEC at 0-5' and 2-4' bgs.

5) *AOC-15B (SA-B, SA-C, SA-F, SA-I)* – This area includes a large portion of the site, east of Harbor Brook, near the eastern property boundary. ETPH, PAHs and copper RSR exceedances were detected in this area. This area has been investigated, the COCs have been identified, and additional remediation will be required. The extent of the soil contamination however, has not been fully delineated.

Lead was detected in the soil in SA-C at a concentration which, if detected at similar concentrations after being excavated and staged for disposal, could potentially be considered a hazardous waste.

Additional investigations would help to refine remediation requirements. It may be practical to re-assess the need for additional investigations during the flood control evaluation. Contingent upon re-development plans and incorporated flood management components, this area (with the possible exception of the backfill material in SA-C) may be excavated and excess material disposed of as non-hazardous, Connecticut Regulated Waste.

- Total copper and antimony > RDEC and SPLP lead and antimony > GB PMC at 0-0.5' bgs;
- PAHs (mass) > RDEC, I/C DEC and GBPMC at 0-0.5' and 2-4' bgs;
- ETPH > RDEC at 2-4' bgs

6) *AOC-17* – This AOC is located at the end of Cherry Street on the 104 Butler Street parcel. Antimony, arsenic, lead and vanadium RSR exceedances were detected. Additionally, VOCs, (LNAPL in MW-1) and zinc RSR exceedances were detected in the groundwater. This area has been investigated, the COCs have been identified, and remediation will be required. The extent of the soil requiring remediation contamination however, has not been fully delineated. The presence of LNAPL and halogenated VOCs in the groundwater suggest an on-going source of contamination in the area.

Additional investigations would help refine remediation requirements. It may be practical to re-assess the need for additional investigations during the flood control evaluation. Contingent upon re-development plans and incorporated flood management components, this area may be excavated and excess material disposed of as non-hazardous, Connecticut Regulated Waste or potentially capped on site.

- Total arsenic >RDEC and I/C DEC at 0-0.5' bgs;
- Total vanadium >RDEC at 0-0.5' bgs;
- SPLP lead and antimony > GB PMC at 0-0.5' bgs;
- PCE > RDEC at 14-16' and 18-20' bgs (in water table and GB PMC not directly applicable; greater than 15' bgs DEC is not applicable).

7) *AOC-19 (AOC-23, AOC-6, AOC-14, SA-R, SA-S)* – ETPH, PAHs, lead and copper exceedances were noted in the soil. This area is located on the east side of Building A along the western bank of Harbor Brook. This area has been investigated, the COCs have been identified, and additional remediation will be required. The extent of the soil contamination however, has not been fully delineated.

Additional investigations would help refine remediation requirements. It may be practical to re-assess the need for additional investigations during the flood control evaluation and the demolition phase of the project. Contingent upon re-development plans and incorporated flood management components, this area may be excavated and excess material disposed of as non-hazardous, Connecticut Regulated Waste or potentially capped on site.

The stained soil in AOC-23 was removed during CTDEP stabilization activities.

- Total arsenic > RDEC and I/C DEC at 0-2' bgs;
- Total copper > RDEC at 2-4' bgs;
- Total lead > RDEC at 2-5.5' bgs;
- SPLP lead > GBPMC at 2-4' bgs;
- PAHs (mass) > RDEC, I/C DEC and GBPMC at 2-4' bgs, and > RDEC at 4-5.5' bgs;
- ETPH > RDEC and I/C DEC at 4-5.5' and 7-9' bgs.

8) *AOC-24* – This AOC is located north of Building C on the 104 Butler Street parcel. PAHs and TCE RSR exceedances were noted in the soil. This area has been investigated, the COCs have been identified, and remediation will be required. The extent of the soil contamination however, has not been fully delineated.

Additional investigations would help refine remediation requirements. It may be practical to re-assess the need for additional investigations during the flood control evaluation and/or the demolition phase of the project. Contingent upon re-development plans and incorporated flood management components, this area may be excavated and excess material disposed of

as non-hazardous, Connecticut Regulated Waste or potentially capped on site.

- PAHs > RDEC and I/C DEC at 0-0.5' and 2-4' bgs;
- TCE > GB PMC at 2-4' bgs

9) *AOC-31 (Site Wide Surficial Soils)* – This AOC was investigated in conjunction with other AOCs where RSR exceedances have been identified through surficial soil sampling. Without additional investigations where data gaps exist, it is unknown if surficial soils contaminated with COCs above the RSR criteria are present in other areas.

10) *AOC SA-H* - This AOC is located east of Harbor Brook just northeast of Building B. Previous investigations identified ETPH RSR exceedances. This area has been investigated, the COCs have been identified, and remediation will be required. The extent of the soil contamination however, has not been delineated.

Additional investigations would help refine remediation requirements. It may be practical to re-assess the need for additional investigations during the flood control evaluation and/or the demolition phase of the project. Contingent upon re-development plans and incorporated flood management components, this area may be excavated and excess material disposed of as non-hazardous, Connecticut Regulated Waste or potentially capped on-site.

- ETPH > RDEC, I/C DEC and GBPMC (pre-existing data, sample depth undetermined)

11) *AOC-* SA-O – This area is located just southeast of the northern foot bridge on the 104 Butler Street parcel. ETPH RSR exceedances were noted. This

area has been investigated, the COCs have been identified, and additional remediation will be required. The extent of the soil contamination however, has not been fully delineated. Since the area was "stabilized" by CTDEP by removing a localized debris pile, the limits of the additional remediation are not expected to be extensive or deep.

Additional investigations would help refine remediation requirements. It may be practical to re-assess the need for additional investigations during the flood control evaluation. Contingent upon re-development plans and incorporated flood management components, this area may be excavated and excess material disposed of as non-hazardous, Connecticut Regulated Waste or potentially capped on-site.

- ETPH > RDEC at 0-2' bgs

AOC RSR Exceedances in Groundwater – Additional Investigations and/or Remediation

RSR exceedances were detected in six AOCs/SAs, which may additional investigations and/or remediation. The six AOCs/SAs have been combined into the following five main areas of interest. Refer to figure 7 for additional information.

1) *AOC-3 (SA-G)* – This area is located northeast of Building B on the 77 Cooper Street parcel. TCE and vinyl chloride RSR exceedances were detected in the groundwater. The area has been characterized and the COCs have been identified.

   - *TCE > R VC, I/C VC and SWPC*
   - *VC > R VC*

2) *AOC-11* – This AOC is located on the southwest side of Building A, on the 77 Cooper Street parcel. Concentrations of arsenic were detected at concentrations exceeding SWPC in the groundwater. The COCs have been identified but the source and extent are unknown at this time.

   - *Arsenic > SWPC*

3) *AOC-17* – This AOC is located at the end of Cherry Street on the 104 Butler Street parcel and is associated with the AOC-25 (Eastern Property Boundary) contamination. The COCs are similar to those present in AOC-25. Additional investigations may be warranted to refine the CSM and identify the source if active remediation is to be conducted. CTDEP conducted off-site sampling in the vicinity of homes on the northern end of Cherry Street. Very low detections of chlorinated VOCs in samples from GP-3 indicate the edge of the plume is in the vicinity of this location.

   - *TCE > R VC, I/C VC*
   - *VC > R VC*
   - *PCE > R VC, I/C VC and SWPC*
   - *Zinc > SWPC*

4) *AOC-24* – This AOC is located north of Building C and near the northern property boundary. TCE RSR exceedances were identified in the groundwater. The source of the contamination has not been determined, but it may be associated with the chlorinated solvents in AOC 17. The building was demolished and soils have been reworked making the determination of the source difficult.

   - *TCE > R VC*

5) *AOC-25* (Eastern Property Boundary) – This area is located in the vicinity of the eastern property boundary, and may be associated with the groundwater contamination in AOC-17 and/or AOC-24. The COCs have been identified, but the boundary of the plume has not been completely delineated.

- *TCE > R VC and I/C VC*
- *CDCE > R VC*
- *PCE > R VC and SWPC*
- *VC > R VC and I/C VC*

It appears that a VOC groundwater plume extends onto several properties located at the end of Cherry Street, on the west side of the road. VOC RSR exceedances were noted in the groundwater and it appears that VOC RSR exceedances exist at the plume boundary which appears to straddle a portion of the northwestern most Cherry Street residential property. It also appears that the source of the groundwater contamination is an upgradient source either, in the vicinity of the former Building D area. However, an off-site source further to the north or northeast cannot be ruled out.

The CT DEP was notified of the condition with regards to vapors potentially impacting off-site residential properties. In association with the Connecticut Department of Public Health (DPH), the CT DEP investigated the area further, collecting vapor and groundwater data to assess current environmental conditions on the residential properties. Groundwater RSR exceedances were detected but no exceedances were detected in the vapors.

With the exception of AOC-3 and 11, groundwater contamination in exceedance of the RSR criteria appears to be located predominately on the 104 Butler Street parcel. Chlorinated VOCs are the predominate COC in this area. Currently, a definitive on-site source has not been identified, but potential

on-site sources may include improper waste handling/disposal associated with historic activities at former Building D. Historic activities include gun manufacturing, machining, foundry, and pattern shop activities and operations. VOC contaminated soil and soil gas was previously identified in this area and also could represent a potential on-site contaminant source.

Weston (1998) detected chlorinated VOC RSR exceedances in the soil vapor in the vicinity of Former Building D which, combined with other data, suggest a source in the Building D area. However, off-site sources cannot be ruled out. Potential off-site sources of the chlorinated VOCs may include dry cleaners and other businesses, whose operations utilize and released chlorinated VOCs.

Groundwater has not been investigated beneath the factory on the 77 Cooper Street parcel.

AOCs – Areas Addressed during M&E's Phase II/III - No Additional Investigations and/or Remediation Recommended

The following AOCs/SAs were investigated during M&E's Phase II/III and no additional investigations and/or remediation are recommended.

AOC-13, AOC-30, SA-E, SA-N, and SA-P

Areas Not Addressed in this Study

The following AOCs/SAs were not addressed in this Phase II/III investigation. Based upon the information, or the lack of information presented in previous investigations, these AOC/SAs have been categorized into two groups; those AOCs/SAs where additional investigations and/or remediation are not recommended, and those AOCs/SAs where additional investigations/investigations are recommended.

AOC-4 (SA-J), AOC-7, AOC-8, AOC-14, AOC-16, AOC-18, AOC-22, AOC-33 and SA-Q

- *AOC-4 (SA-J), AOC-7, AOC-8, AOC-22 and SA-Q* were not investigated during the Phase II/III but based on the data, no additional investigations and/or remediation are recommended.
- *AOC-16* (debris pile southwest of building A) and *AOC-26* (surface water and sediments) were not investigated during the Phase II/III but can be combined with AOC-11 and AOC-12 respectively, and additional investigations and/or remediation could be combined with demolition and flood control activities. *AOC-14, AOC-18* and *AOC-33* (soil and groundwater beneath building A) were also not investigated. Once Building A has been demolished and the debris removed, AOC-33 (soil and groundwater beneath factory) and AOC-14 (dust piles) can be investigated and/or remediated.

AOCs – Areas Not Investigated by M&E in this Study - Address during Pre-Demolition and Demolition Phase

AOC-9 (ASTs in building A), AOC-20 (wood flooring –building A), AOC-21 (stained concrete – building A), AOC-26 (surface water & sediments) (include with AOC-12 [discharge pipes to brook]), AOC-27 (asbestos materials), AOC-28 (lead paint), AOC-29 (light ballasts), AOC-32 (transformers in building), and SA-D (asbestos impacted soil under heat transfer lines).

- *AOC-9, AOC-20, AOC-21, AOC-27, AOC-28, AOC-29, AOC-32, and SA-D* were not investigated during the Phase II/III. It is recommended that these areas be addressed during pre-demolition and demolition activities.

No.	Area of Concern	Samples	Sample D	dances	Comments and Recommendations
1	2 - 20,000-gallon USTs (pumped out)	AOC-1-SB-01 AOC-1-SB-02 AOC-1-SB-03	0-2', 2-4', 4 10', 10-		Delineate area with 3-4 supplemental soil borings; evaluate PMC with SPLP analyses; VOCs were not detected above the RES DEC or the GWPC X 10 (self-implementing option), which is used to evaluate the PMC; remediate RSR exceedance soil and/or place ELUR on area in conjunction with redevelopment; remove tanks if still present.
2	1 - 1,000-gallon UST (pumped out)	AOC-2-SS1, AOC-2-SB-1	0-0.5', 5.5		Remediate RSR exceedance soil and/or place ELUR on areas in conjunction with redevelopment; remove tank if still present.
3	Former 1 - 10,000-gallon UST	AOC-3-SB/MW-01	2-4',	RES VC and I/C VC; /WPC	Install supplemental 2 wells to better delineate; monitor groundwater; potential ELUR; Weston (1999) detected TCE
4	1 UST of unknown size		N		No additional investigations recommended; use existing data to close out AOC; existing data indicates no exceedances; remove tank if present.
5	2 USTs of unknown size	AOC-5-SS-01, AOC-5-SB-01, AOC-5-SB-02, AOC-5-RB1, AOC-5-RB2	0-0.5', 2-4'(10-1		Advance 2-3 supplemental soil borings to better delineate extent to the south; remediate soil exceedances and/or place ELUR on area in conjunction with redevelopment. In conjunction with flood control evaluation, remove tanks if present.
6	5 USTs of unknown size				Remediate in conjunction with AOC-19; remove tanks
7	2-200 gallon ASTs		AOC-7		Utilizing existing documentation to close out AOC
8	1-1,500-gallon AST		AOC-8		Utilizing existing documentation to close out AOC
9	2-300-gallon ASTs				Evaluate AOC using existing documentation during pre-demolition
10	1 - 150,000-gallon AST (Water tower)	AOC-10-SS-01, AOC-10-SS-02	0-0.5'(		Advance 2-3 supplemental soil borings to better delineate extent; remediate soil exceedances and/or place ELUR on area in conjunction with redevelopment; evaluate PMC with SPLP analyses; install well to evaluate water quality
11	11 - 55-gallon drums	AOC-11-SS-01, AOC-11-SS-02, AOC-11-SB-02, AOC-11-MW-01	0-0.5'(2), 2-4 10'(2	>SWPC	Advance 2-3 supplemental soil borings to better delineate extent; remediate soil exceedances and/or place ELUR on area in conjunction with redevelopment; continued groundwater monitoring recommended
12	Discharge pipes (to Harbor Brook)				Existing sediment data indicates impacts; evaluated during flood control evaluation
13	Dry well	AOC-13-01, AOC-13-SB-01	0-0.5', 2-4' a		soil vapor and groundwater samples collected by Weston (1998); VOC vapors < RSR criteria; VOCs in groundwater downgradient of drywell < 1996 GWVC, but TCE > 2003 RES GWVC and I/C GWVC; monitor groundwater plume
14	dust piles	OC-14 not addressed in this phase of the pr			Evaluate using existing documentation; remediate and/or place ELUR on area; combine with AOC-19
15	Debris piles	AOC-15-SS-01, AOC-15-SS-02, AOC-15-SS-03, AOC-15-SS-04, AOC-15-SS-05, AOC-15-SB-01, AOC-15-SB-02 AOC-15-MW-03, AOC-15-SB-04, AOC-15-SB-05	0-0.5'(5), 2-4		AOC-15B - Delineate area with 5-6 supplemental soil borings; remediate soil exceedances and/or place ELUR on area in conjunction with redevelopment; existing AOC15C data indicates *TPH* > R DEC 2'; AOC-15C, investigate/remediate in conjunction with AOC-11.
16	debris pile - glass				conduct visual inspect; combine with AOC-11
17	Contaminated soil	AOC-17-SS-01, AOC-17-SS-02, AOC-17-SB-01 AOC-17-SB-02	0-0.5'(2), 2- 12-14', 14-16	/C VC in MW-1; *Vinyl Zinc* > SWPC in MW- no exceedance in MW	Advance 3-4 supplemental soil borings to better delineate shallow soil contamination; install 2 wells to evaluate VOC plume source area and potential on-site migration of contaminated groundwater from an upgradient, off-site source area; evaluate the applicability of CT DEP's upgradient policy; remediate soil exceedances and/or place ELUR on area; VOCs detected (< RSR criteria) in soil in 1998 (Weston), TCE and PCE detected in soil vapor (Weston, 1998) > SVVC; Weston (1998) stated 5,600 ft² of chlorinated solvent VOC contaminated soil exists to 15 fbg. It is unclear if this soil has been remediated.
18	ETPH-stained surficial soil		Removed durir		See AOC-1 recommendations

No.	Area of Concern	Samples	Sample D	dances	Comments and Recommendations
19	Contaminated soil	AOC-19-SB-02, AOC-19-SB-03, AOC-19-MW-01	2-4'(3), 5-7 10		Remediate RSR exceedance soil and/or place ELUR on area in conjunction with redevelopment; existing data indicates copper > R DEC 2.5-5'
20	Contaminated wood floor				Inspect floor for indications of a release; collect 4-6 samples for characterization; can be performed as part of pre-demolition work
21	Stained concrete				Inspect concrete for indications of a release; collect 4-6 chip samples for characterization; can be performed as part of pre-demolition work
22	Asbestos debris pile				Review existing data and close out AOC
23	Stained soil				Addressed as part of AOC-19.
24	Possible UST	AOC-24-SS-01, AOC-24-MW-01	0-0.5', 2-	ES VC	Advance 4 supplemental soil borings to better delineate soil contamination; complete borings as nested (shallow and deep) well pairs to better evaluate horizontal and vertical extent of contaminated groundwater; in conjunction with AOC-17 and SA-M, evaluate the applicability of CT DEP's upgradient contaminated groundwater policy; remediate soil exceedances and/or place ELUR on area.
25	Groundwater Contamination On-Site	---	--	se. Wells are located in re detected in AOC-3,	Sample representative wells for metals and VOCs under other AOCs to evaluate groundwater quality at the site. No additional work beyond sampling of these wells.
25	Groundwater Contamination along the Eastern Property Boundary	---	--	TCE > RES VC and I/C d PCE >RES VC, TCE VC and I/C VC; (MW- ride > RES VC, TCE > d I/C VC	Install two-three nested pairs (4-6 wells) upgradient to evaluate potential on-site migration of chlorinated VOC contaminated groundwater from an off-site source area; install two supplemental wells on residential property at end of Cherry Street to evaluate VC adjacent to residential structure; utilize data to address remedial options; CTDEP conducting separate investigation.
26	Contaminated surface water and sediments				In conjunction with AOC-12, evaluate existing surface water and sediment data, including proposed sediment sample data
27	Asbestos-containing materials				
28	Lead paint				
29	Fluorescent light ballasts				
30	Louie's Auto Shop (55 Cooper St.)	AOC-30-SS-01, AOC-30-MW-01	0-0.5', 2-		No exceedances; no additional investigation or remediation recommended at this time
31	Site-wide surficial soils				See recommendations for specific AOCs
32	Building B - transformer/electrical house				Address during pre-demolition activities.
33	Subsurface Soils and Groundwater Beneath Building A				Conduct supplemental Phase II/III to evaluate soil and groundwater; test for VOCs, ETPH, PAHs, metals and PCBs
SA-A	Stabilization Area A Smokestack Removed				
SA-B	Stabilization Area B Contaminated Soil Piles Removed (AOC-15)				In conjunction with AOC-15, delineate area with 5-6 supplemental soil borings; remediate RSR exceedance soil and/or place ELUR on area in conjunction with redevelopment
SA-C	Stabilization Area C Asphalt Piles Removed	AOC-SA-C-SS-01, AOC-SA-C-SB-01	0-0.5',		Remediate RSR exceedance soil and/or place ELUR on area in conjunction with redevelopment
SA-D	Stabilization Area D Asbestos-Impacted Soil Removed				Address in pre-demolition and/or RAP (confirmatory soil sampling) phase
SA-E	Stabilization Area E Metal-Impacted Soil Removed	AOC-SA-E-SB-01	0-2', 2		Evaluate PMC with SPLP analyses; close out AOC
SA-F	Stabilization Area F Impacted Soil Stockpile Staging Area #1 - Evaluate pre-stockpile conditions				See AOC-15 Recommendations
SA-G	Stabilization Area G 10,000-gal. Waste Water UST Removed (AOC-3)				See AOC-3 Recommendations
SA-H	Stabilization Area H Metal-Impacted Soil Removed	AOC-SA-H-SB-01	0-2', 2-		Previous investigations identified ETPH > R DEC, I/C DEC and GB PMC in sample location S-2; advance 3-4 supplemental soil borings to delineate extent; remediate soil exceedances and/or place ELUR on area in conjunction with redevelopment
SA-I	Stabilization Area I Impacted Soil Stockpile Staging Area #2 (Part of AOC-15) - Evaluate pre-stockpile conditions				See AOC-15 Recommendations
SA-J	Stabilization Area J - 275 gal. gasoline UST Removed (AOC-4)				See AOC-4 Recommendations

No.	Area of Concern	Samples	Sample Dedances		Comments and Recommendations
SA-K	Stabilization Area K Oil-Stained Soil removed (AOC-18)				See AOC-18 Recommendations
SA-L	Stabilization Area L 2-20,000-gal. #6 Oil Tanks Cleaned (AOC-1)				See AOC-1 Recommendations
SA-M	Stabilization Area M Impacted-Soil and Fire Debris Pile Removed (AOC-15)	AOC-SA-M-SB-01, AOC-SA-M-SB-02	0-1',		Investigate in conjunction with AOC-24
SA-N	Stabilization Area N Building "C" Asbestos and Lead Abatement Work	AOC-SA-N-SS-01, AOC-SA-N-SS-02	0-0.5		No exceedances; no additional investigation or remediation recommended at this time
SA-O	Stabilization Area O Impacted-Soil and Debris Pile Removed	AOC-SA-O-SB-01, AOC-SA-O-SS-02	0-2',		Advance 3-4 supplemental soil borings to better delineate extent; remediate soil exceedances and/or place ELUR on area in conjunction with redevelopment
SA-P	Stabilization Area P Asbestos Roof Removed from UST Bunker	AOC-SA-P-SS-01, AOC-SS-P-SS-02	0-0.5'		No exceedances; no additional investigation or remediation recommended at this time
SA-Q	Stabilization Area Q Building "B" Asbestos and Lead Abatement Work		Not		Review existing data and close out AOC.
SA-R	Stabilization Area R Metals-Impacted Soils Removed and Stone Cover Installed (AOC-6)				
SA-S	Stabilization Area S Sump Cleaned of Metal-Impacted Sludge				See AOC-19 Recommendations
SA-T	Stabilization Area T Building "A" 2nd & 3rd Floor Asbestos Abatement Work - Address other Parts of Building	AOC-SA-T-SS-01, AOC-SA-T-SS-03, AOC-SA-T-SS-04	0-0.5'		In conjunction with AOC-11, delineate area with 2-3 supplemental soil borings; remediate RSR exceedance soil and/or place ELUR on area in conjunction with redevelopment
SA-U	Stabilization Area U 1,000-gal. heating oil UST Cleaned (AOC-2)				See AOC-2 Recommendations; close out AOC
SA-V	Stabilization Area V UST Grave found (No UST) (AOC-5)				See AOC-5 Recommendations; close out AOC
SA-W	Stabilization Area W Empty Concrete Vault found (AOC-5)				See AOC-5 Recommendations

Notes: 1) See Table 5 for a comprehensive summary of RSR exceedances in soil, including pre-200
2) Supplemental investigations provided in the recommendations column are dependent on

UST = underground storage tank.
AST = aboveground storage tank.
ft^2 = square feet.
ETPH = extractable total petroleum hydrocarbons
VOCs = volatile organic compounds
PAHs = poly-cyclic aromatic hydrocarbons
metals = CT 15 metals
PCBs = polychlorinated biphenyls.
N/A = not applicable.

COCs - Constituents of Concern