Release Abatement Measure Completion Report
Former Nu-Style Facility – 87 Grove Street
RTN 2-16694

Town of Franklin, Massachusetts

April 2013

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1 Introduction

This document is intended to provide a *Release Abatement Measure (RAM) Completion Report* in accordance with the requirements of the Massachusetts Contingency Plan (MCP), Title 310 of the Code of Massachusetts Regulations (CMR) Section 40.0446. In May 2012, Fuss & O'Neill, Inc. (Fuss & O'Neill) submitted a RAM Plan for soil remediation activities at the site in accordance with the MCP (310 CMR 40.0440), on behalf of the property owner, the Town of Franklin (the Town). The purpose of the *RAM Completion Report* documented herein is to document the response actions completed at the site and the completion of activities under the *RAM Plan*.

The Town took ownership of the property via tax-title foreclosure in 2005 after the previous property owner and other entities defaulted on the property. Therefore, the Town is undertaking response actions at the site as a "municipality with exempt status" as defined in Massachusetts General Laws, Chapter 21E, Section 2.

Refer to *Section 5* for Fuss & O'Neill's Limitations of Work Product.

2 Site Conditions

2.1 Site Identification and History

The subject site is an approximately one-acre parcel located on the western side of Grove Street in Franklin, Massachusetts (Norfolk County) and identified by the Town as Tax Assessor's Map 276, Lot 27. An abutting parcel, identified as Tax Assessor's Map 276, Lot 22, was operationally related to the subject site and was acquired by the Town under similar circumstances. However, due to funding constraints related to the federal grant funding the RAM activities, the activities being conducted under the May 2012 *RAM Plan* were restricted to Lot 27. Prior to May 2012, Lot 27 was occupied by a three-story, 12,000 square-foot wood-framed mill building with a partial basement. Lot 22 is currently occupied by a dilapidated 6,000 square-foot wood-framed mill building.

A portion of a United States Geological Survey (USGS) topographic map depicting the location of the subject property is provided as *Figure 1* and a site plan, depicting the boundary of the site and features pertinent to the activities proposed herein, is provided as *Figure 2*.

Both parcels were developed in approximately 1900, and utilized for a variety of industrial purposes through their history. The mill building on Lot 27 was initially constructed by a textile manufacturer (Norfolk Woolen Mills/Unionville Woolen Mills) and later operated by a paint manufacturer (Franklin Paint Company). From approximately 1969 to 1989, the site was utilized by Nu-Style, Inc. (Nu-Style) for the manufacture of costume jewelry. At least five underground storage tanks (USTs) with a total capacity of approximately 15,000 gallons of petroleum were utilized on-site during Nu-Style's ownership.

Nu-Style vacated the building in approximately 1989 and abandoned numerous containers of hazardous materials, as well as contaminated process equipment, on-site. In 1990, four of the USTs were removed. One heating oil UST remained in a bunker near the southwestern corner of the building. IES Inc. (IES), an environmental consultant, conducted a series of preliminary investigations in accordance with M.G.L.

21E in the early 1990s on behalf of Nu-Style's creditors. One of the reports prepared by IES indicated that a reportable condition was present at the site due to the presence of chlorinated volatile organic compounds (VOC). However, the documentation was unclear as to whether this sample was collected from an adjacent parcel (currently identified as Map 276, Lot 26, located to the southwest of the site), rather than the aforementioned operational parcels. At the time of the IES investigation activities, Lot 26, as well as Lots 22 and 27, were part of a contiguous mill complex owned by Nu-Style.

In 1991, Mr. Richard Armstrong, President of Nu-Style, declared bankruptcy, and the property ownership defaulted to the Federal Deposit Insurance Corporation (FDIC). In 1992, MassDEP and Town personnel inspected the property and observed containers and process equipment containing potentially hazardous chemicals. MassDEP referred the discovery to the United States Environmental Protection Agency (USEPA), which conducted a Removal Action under the National Contingency Plan (NCP) at the site in 1992. The Removal Action included the removal of containers of chromic acid, cyanide, nickel sulfate, chlorinated solvents, lubricating oil and contaminated materials from the site and petroleum product from the remaining UST.

Following the completion of the Removal Action in 1992, the site was unmaintained and fell into disrepair. The Town acquired Lots 22 and 27, respectively, via tax-title foreclosure in 2002 and 2005.

2.2 Environmental Conditions

Between 2006 and 2010, Fuss & O'Neill completed a series of environmental assessment activities on the property on behalf of the Town. The following environmental conditions were identified at the site:

- One UST was located on the western side of the Lot 27 building and was removed in accordance with the Massachusetts Fire Code (527 CMR 9.00) in 2007.
- Metals, PAH and chlorinated VOC were present in soil at concentrations exceeding the MassDEP RCS-1 reportable concentrations.
- PAH were present in sediment in Mine Brook downstream of the site at concentrations suggestive of a possible on-site source and in excess of the Consensus-Based Threshold Effects Concentrations (TECs, which have been accepted by MassDEP as risk-based sediment criteria) indicating a potential risk to aquatic life.
- Lead and chlorinated VOC were present in overburden and bedrock groundwater at the site at concentrations greater than the MassDEP RCGW-2 concentrations.
- The building was structurally compromised and at risk of structural failure if not demolished safely, and contained hazardous building materials, including lead paint, asbestos, and polychlorinated biphenyls (PCBs) and diethyl hexyl phthalate (DEHP) in electrical components. Subsequent testing indicated that PCBs were additionally present in building materials (caulking and window glazing compounds) but the concentrations of PCBs did not trigger separate management requirements under the *Toxic Substances Control Act (TSCA)*.

In 2010, the Town was awarded a USEPA Brownfields Cleanup Grant for the site. Based on an *Analysis of Brownfields Cleanup Alternatives* (ABCA), the Town elected to demolish and dispose of the building and remove soil containing metals, PAH and VOC. This alternative would improve soil conditions at the site, mitigate the structural liability associated with the abandoned building, result in the preparation of a

cleared site for possible future redevelopment and facilitate the installation of bedrock wells to evaluate the nature and extent of dissolved chlorinated VOC in bedrock.

2.3 Summary of RAM Plan

Fuss & O'Neill submitted a *RAM Plan* to MassDEP in May 2012. The following project approach was summarized in the *RAM Plan*:

- Erosion and sedimentation controls would be installed at the site in order to mitigate impacts to the adjacent Mine Brook in accordance with an Order of Conditions issued by the Town's Conservation Commission. The controls would include wattles to retain sediment and a scaffolding structure erected over the brook to prevent demolition debris from falling into the brook.
- The building would be demolished and components segregated for off-site disposal. This activity required a waiver from MassDEP, as the building was structurally unsound and not suitable for interior abatement prior to demolition. Asbestos-containing materials would be disposed off-site, while salvageable materials (metal, structural timbers, etc.) would be salvaged by the demolition contractor and clean brick, concrete and masonry materials would be staged on-site for crushing and reuse in accordance with the MassDEP "Asphalt, Brick and Concrete" (ABC) reuse policy.
- Following the completion of building demolition and disposal, soil containing lead and chlorinated VOC would be excavated and staged on-site. The soil would be characterized for off-site disposal in accordance with the MCP, and confirmatory samples would be collected to document the post-excavation soil conditions at the site and support future risk characterization activities.
- The site would be backfilled and stabilized using fill material imported from off-site sources in accordance with the anti-degradation standard at 310 CMR 40.0032(3). Additionally, the southern foundation wall of the former mill building would be supported by a concrete gravity wall and retained for its historical value.

Building demolition activities began in May 2012, under a *Segregation and Demolition Plan* (SDP) prepared by Fuss & O'Neill EnviroScience, LLC (EnviroScience) and approved by MassDEP Central Region under waiver C-AW-12-181. Activities related to the soil management conducted under the RAM commenced in August 2012.

2.4 Additional Conditions

In May 2012, during demolition of the former building conducted under the SDP, a stone-lined underground tunnel approximately eight feet wide was identified in the northern portion of the building, in an area which had been previously identified as a slab-on-grade section of the structure. The closure of this structure was conducted during the execution of RAM activities at the site and is described in further detail below.

The tunnel was an east-west trending buried structure which was observed during demolition to extend approximately 150 feet across the site, ending on its eastern end at the western edge of a slab-on-grade

addition at the northeastern corner of the former building. Based on Town records, this addition was constructed in 1978, and therefore, the tunnel was inferred to have been closed at its eastern end no later than the late 1970s. In approximately the 1960s, Grove Street was developed in its current alignment, which, based on historical mapping, modified the Mine Brook Reservoir to the east of the site and likely blocked the inlet to the structure. The western end of the tunnel terminated in the basement of the Lot 22 building and did not have a hydraulic connection to Mine Brook. While standing water was observed in the structure, the depth of water generally coincided with on-site groundwater depths and was not the result of a direct hydraulic connection to a surface water body. Therefore, the saturated granular material is referenced herein as "sediment" for convenience to distinguish the material from the "soil" originally planned for removal from the site under the RAM.

The "sediment" described herein was not located within the confines of a surface water body or at the bottom of a pond, stream, or river, and does not meet the definition of sediment contained in 310 CMR 40.0006. Based on analytical data compiled in July 2012 by Fuss & O'Neill, this media contained concentrations of PAH which would have potentially posed a risk to future site users and was inconsistent with concentrations of PAH identified in fill material elsewhere at the site.

Regardless of the specific regulatory definition of the material, the LSP-of-record deemed that removal of the material during the RAM activities was the most prudent and cost-effective manner to reduce potential risks posed by the material and was necessary to complete the objectives of the RAM Plan. Completion of RAM activities included backfilling and grading over the former tunnel structure area. As the material buried in the former raceway was exposed during the RAM building demolition activities, and final backfilling and grading of the site was necessary to complete the RAM, the LSP-of-Record deemed that the benefit of removing the material as part of the RAM activities was most feasible prior to backfilling. Removal of the material as part of the RAM, while unforeseen during the planning of the RAM, was technically justified as the most cost-effective and timely risk mitigation measure for this material. Therefore this material was removed for disposal as part of the RAM.

3 Release Abatement Measure Completion Report

The following subsections provide the details required of the *RAM Completion Report*, as per the referenced sections of 310 CMR 40.0446.

3.1 Description of Release, Site Conditions and Receptors (40.0446(4)(a))

3.1.1 Site Conditions and Receptors

The subject site consists of Lot 27, an approximately 1-acre parcel on the western side of Grove Street in an industrial area of Franklin, Massachusetts (Norfolk County). The property is bisected by Mine Brook, a Class B surface water body and tributary of the Charles River. The site itself is currently vacant but adjacent properties to the north, south and east are actively operated by local industrial and commercial operations.

Soil at the subject site consists generally of fill material and gravelly sand over shallow bedrock located at approximately 10 feet below grade. The primary direction of overburden groundwater flow at the site is generally to the south, toward Mine Brook.

Prior to May 2012, the site was formerly occupied by an approximately 100-year old wood-framed mill building, originally developed as a portion of the Norfolk Woolen Mills complex around 1900. The building was later used for paint manufacture and then by Nu-Style for costume jewelry manufacture. The building was abandoned from the early 1990s to 2012 and became dilapidated. The Town Building Commissioner condemned the building in October 2005. In 2012, the Town commissioned the demolition of the building. The site is currently cleared and slopes downward from north to south toward Mine Brook.

The subject site includes a Town-owned right-of-way, called "Old Grove Street," which forms the northern and western boundaries of Lot 27 of the subject site, and is approximately depicted on *Figure 2*. This right-of-way is utilized by local property owners as an access way to nearby properties.

The Town anticipates that the subject site may be redeveloped for later use by one of the neighboring industrial operations. However, the specific end use of the property has not been identified to date.

3.1.2 Description of Release

As documented in a May 2008 *Phase I Initial Site Investigation* and September 2010 *Phase II Site Assessment Report*, the site was operated between the late 1960s and approximately 1989 as a costume jewelry manufacturer. Industrial processes used at the site included electroplating and metals finishing, and chemicals used at the site included heavy metals (including nickel and chromium), acids, bases, cyanides, oils, and chlorinated solvents. Process equipment and chemicals were abandoned at the site when Nu-Style declared bankruptcy in approximately 1991, and were removed by USEPA during a CERCLA Removal Action in 1992.

Between 2007 and 2010, Fuss & O'Neill conducted environmental assessment activities at the site, and two separate release mechanisms were identified at the site:

- Metals and chlorinated VOC were identified in surface soil at the site proximal to three loading docks, located on the northeast, northwest and western sides of the former mill building. These releases were generally characterized by concentrations of metals and VOC in surface soil and overburden groundwater. Based on past environmental sampling activities, the soil releases were generally surface spills to the top three to five feet of soil at the site. The releases of metals and chlorinated VOC were identified in overburden groundwater, and chlorinated VOC were identified in shallow bedrock wells (installed into the first water-bearing fracture, typically less than 20 feet below the bedrock interface). The horizontal and vertical extents of bedrock contamination could not be evaluated without the installation of deeper bedrock wells beneath the former building footprint and therefore, a *Phase II Comprehensive Site Assessment* has not been completed at the site to date.

Sediment in Mine Brook, which abutted the site to the south and west, contained concentrations of PAH immediately downstream of the site which exceeded the Consensus-Based TECs. Based on historic mapping, a raceway looped from Mine Brook upstream of the subject site, beneath the building on the subject site, and westward back to Mine Brook, and a portion of an underground tunnel was historically observed in the adjacent building on Lot 22. Historical documentation compiled by the Town indicated that this operation likely terminated in the 1960s during the realignment of Grove Street, and based on site conditions, the eastern end of the structure was closed by 1978, when an addition was constructed on the northeastern portion of the site. Based on the analytical data set, the approximate historical discharge location of this tunnel was identified as a potential point source of PAH to Mine Brook. During demolition activities, a buried and sealed portion of the former raceway was discovered beneath the building slab. Contaminated soil from this buried portion of the former raceway was removed and the buried raceway section was closed and backfilled during the demolition activities in order to complete the objectives of the RAM Plan.

3.2 Description of the RAM Completed at the Disposal Site (40.0446(4)(b))

The following project approach completed at the site between May 2012 and February 2013, as documented in the May 2012 RAM Plan:

- Erosion and sedimentation controls, as well as a scaffolding constructed as a debris shield, were constructed at the site in accordance with an *Order of Conditions* prepared in accordance with the *Massachusetts Wetlands Protection Act* (310 CMR 10.00).
- The Lot 27 building was demolished and components segregated for recycling and/or off-site disposal. As stated previously, the building had been abandoned and unmaintained for approximately 20 years, and was condemned by the Town Building Commissioner. Therefore, building demolition was conducted without prior abatement due to the compromised state of the structure. Prior to demolition, EnviroScience and ABW obtained waiver C-AW-12-181 authorizing demolition and subsequent segregation and disposal of building materials (including the salvage of brick, concrete, metal, and other materials where feasible to minimize waste generation).
- Clean brick, concrete and masonry materials were staged on-site for crushing and reuse in accordance with the MassDEP "Asphalt, Brick and Concrete" (ABC) reuse policy.
- Following the completion of building demolition and disposal, soil containing lead and chlorinated VOC was excavated and staged on-site. The soil was characterized for off-site disposal in accordance with the MCP, and confirmatory samples were collected at the extents of the excavation to document the post-excavation soil conditions at the site and support future risk characterization activities.
- The southern foundation wall of the former building was buttressed by a poured concrete gravity wall to retain the foundation for its historical value and generate an approximately level site for potential future reuse. A permanent chain-link fence was constructed along the general alignment of these walls to mitigate the potential fall hazard associated with the wall height.
- The site was backfilled and stabilized using fill material imported from off-site sources in accordance with the anti-degradation standard at 310 CMR 40.0032(3).

- While not specifically documented in the original RAM Plan, a raceway tunnel beneath the demolished building was exposed and subsequently closed. Residual solids containing COC in the tunnel were excavated and disposed off-site at an appropriately licensed disposal facility. The tunnel walls were then demolished into themselves and the former tunnel alignment was backfilled along with the remainder of the former building foundation.

Demolition and remediation activities at the site were conducted by Associated Building Wreckers, Inc. (ABW) of Springfield, Massachusetts. ABW was selected by the Town in January 2012 based on a competitive public bidding process in accordance with MGL Chapter 149.

Photographs taken by Fuss & O'Neill and the Town during RAM activities are included in *Appendix A*. The specific RAM activities are detailed in the sections below:

3.2.1 Site Preparation

Prior to the commencement of demolition and remediation, ABW and its subcontractors completed the following site preparation activities:

- Placement of erosion controls, including wattles, for siltation control around the site.
- Construction of a scaffolding structure spanning Mine Brook. The scaffolding structure was constructed to prevent demolition debris from falling into Mine Brook during demolition activities.
- Installation of a lined vehicle washing station and construction entrance to limit dust migration from the site.
- Clearance from local utilities (DigSafe notification).
- Disconnection of water, sewer, electrical and gas lines from the building.
- Installation of temporary site controls, including fencing and locking gates, to prevent unauthorized vehicle access during the project.

Additionally, ABW completed a demolition permit application for local Building Commission approval.

3.2.2 Building Demolition

Building demolition activities were conducted in accordance with a *Segregation and Disposal Plan* prepared by EnviroScience. Prior to demolition, ABW completed MassDEP project notification (10-day notification) form BWP-AQ-06 and asbestos removal notification form ANF-001 for MassDEP submittal.

Demolition activities began on May 10, 2012. The final load of building demolition debris was transported off-site on June 8, 2012. All ACM handling and disposal activities were observed and monitored by a project monitor from EnviroScience. Samples were collected at the four corners (north, south, east and west of the site twice daily for on-site polarized light microscopy (PLM) analysis to evaluate ambient air for the presence of fibers potentially attributable to the demolition activities. One sample was collected daily for transmission electron microscopy (TEM) analysis at a fixed-base analytical laboratory. Samples were additionally collected using dust track monitors.

The brick smokestack was demolished by hand immediately following the completion of building demolition and debris removal. The bricks were retained on-site for crushing and reuse as general fill material.

3.2.3 Soil and Sediment Management

3.2.3.1 Raceway Sediment

On May 21, 2012, ABW personnel demolished the northwesternmost portion of the building, which had been previously described as a slab-on-grade structure. During demolition activities, the underground raceway tunnel was discovered. The portion of the tunnel discovered at that time was a weir-controlled structure with concrete training walls, and appeared to have been specifically designed to regulate wastewater flows from the tunnel. At the time of demolition, the structure contained several inches of standing water and solid materials potentially deposited as sediment prior to the raceway beneath the building being sealed at either end. The alignment of the raceway is depicted on *Figure 2*.

On July 10, 2012, Fuss & O'Neill collected samples of the standing water and sediment-like material from the raceway to evaluate whether these materials were a continuing source of contamination at the site. Two surface water samples and two sediment samples were collected and submitted to Con-Test Analytical Laboratory for analysis of the following:

- VOC via USEPA Method 8260
- Extractable petroleum hydrocarbons (EPH) and target polycyclic aromatic hydrocarbons (PAH) via the MassDEP Method
- Metals, including the *Compendium of Analytical Methods* (CAM) target list, via USEPA Methods 6010 and 7471.

The raceway sediment material and standing water data sets are tabulated in *Tables 1 and 2*. The raceway data generally indicated that both standing water and sediment contained metals (chromium and lead) at concentrations higher than typical on-site soil and groundwater, and the concentrations of PAH in the sediment exceeded MassDEP soil standards for unrestricted reuse and were higher than typical on-site soil. Additionally, as stated previously, the analytical data set developed during the completion of the May 2008 *Phase I ISI* and September 2010 *Phase II ESA* had indicated that a point source of PAH had affected sediment quality in Mine Brook on the western side of the site, in approximately the alignment which would correspond to the former discharge point of the raceway.

In light of these conditions, the Town requested that ABW excavate and demolish the raceway, and remove the PAH-contaminated sediment for off-site disposal. ABW completed these activities in two stages:

- The western portion of the raceway, which had been exposed in May 2012, was excavated on August 20, 2012. Two truckloads, collectively totaling 44.29 tons of sediment were live-loaded for disposal at ESMI of New Hampshire, LLC. (ESMI of NH). The sediment was transported under Bill of Lading and was treated via low-temperature thermal desorption.
- The eastern portion of the raceway was exposed and demolished on January 14, 2013. Sediment from the raceway was staged on-site in a lined stockpile prior to disposal. On January 23, 2013,

two truckloads of sediment collectively totaling 72.11 tons were live-loaded for disposal at ESMI of NH. The sediment was transported under Bill of Lading and was treated via low-temperature thermal desorption. Weight slips and disposal documentation are included in *Appendix B*.

The structure was observed to consist of a stone-walled channel with an arched roof, and a discharge control weir was located at the western end of the structure. Because the structure was lined in this way, it was considered a discrete volume of material and upon removal of the accessible sediment, no additional investigation was warranted during the RAM activities to evaluate potential releases from the raceway structure.

3.2.3.2 Soil Management

Following the raceway excavation activities on August 20, 2012, ABW commenced excavation of the soil containing chlorinated VOC at the site. Excavation began along the northwestern corner of the former building foundation. Approximately 60 cubic yards of soil were excavated and stockpiled on-site on August 20, 2012. Excavation ceased due to the discovery of a previously unidentified sewer line, which was apparently connected to a neighboring business, and was damaged during excavation. Fuss & O'Neill collected eight soil samples at the limits of excavation for laboratory analysis. On September 18, 2012, ABW and Fuss & O'Neill continued excavation at the northwestern portion of the site, expanding the excavation area to the north and east based on analytical data which indicated that chlorinated VOC remained in soil in this area. Fuss & O'Neill collected four additional soil samples from the extents of the excavation. Additional excavation was conducted in this area on January 8, 2013, and one additional confirmatory sample was collected at that time. The soil sample locations are depicted on *Figure 2*.

On September 18, 2012, ABW excavated soil from the vicinity of the northeastern loading dock at the site, where soil samples were previously reported to contain metals (specifically lead and total chromium) at concentrations greater than the MassDEP Method 1 soil standards. One confirmatory soil sample was collected from the excavation grave.

The B-4 excavation area, as depicted on *Figure 2*, was a historical loading dock on the western side of the building and was located adjacent to a bunker with access to the boiler room. ABW began excavation in this area on September 18, 2012. Fuss & O'Neill collected four confirmatory samples on September 18, 2012 at the limits of excavation for laboratory analysis. On January 8, 2013, ABW and Fuss & O'Neill continued excavation at the northeastern portion of the B-4 excavation area, expanding the excavation area based on analytical data which indicated that chlorinated VOC remained in soil in this area. One confirmatory soil sample was collected on January 8, 2013.

The confirmatory soil sampling program was conducted in order to confirm that the areas of soil containing VOC were significantly removed, to the extent feasible, during the completion of RAM activities. With the exception of soil adjacent to the previously undocumented sewer line on the northern end of the property, the concentrations of metals and VOC in the confirmatory soil samples were significantly less than the concentrations identified during preliminary site investigation activities in 2007. Soil in the vicinity of the active sewer line (as well as a water line, based on Franklin DPW representations) was not excavated in order to limit potential utility interruptions.

In January 2013, the soil was accepted for disposal at ESMI of New York, Inc. (ESMI of NY). Between January 7 and 24, 2013, a total of 14 truckloads of soil collectively weighing 406.53 tons were transported under bill of lading to ESMI of NY, for low-temperature thermal desorption treatment. Weight slips and disposal documentation are included in *Appendix B*.

3.2.4 Site Restoration

ABW and its subcontractors installed a steel-reinforced concrete gravity wall, as depicted on *Figure 2*, on the interior (northern) side of the former mill foundation wall. The gravity wall was installed in order to support the weight of soil at the site in order to restore the site to a generally level, stable grade which would not be subject to excessive erosion, and which would result in a generally level site for potential future redevelopment. The gravity wall was constructed of poured concrete in four lifts. The southern foundation wall was restored to a consistent elevation using brick and concrete masonry and completed with a two-inch thick poured concrete cap.

Following the completion of demolition activities and the concrete gravity wall construction, ABW crushed brick, concrete, and masonry rubble from the demolition activities to a maximum dimension of three inches. The rubble fill was used to partially backfill the foundation hole on the southern side of the site. The remainder of the foundation hole, as well as the raceway tunnel, was filled with sand and gravel provided by the Franklin Public Works department. The fill material was generated at off-site locations which were not impacted by releases of OHM which would degrade the site contrary to the anti-degradation provisions of the MCP (310 CMR 40.0032).

3.3 Investigatory and Monitoring Data (40.0446(4)(c))

As stated above in *Section 3.2.1*, all demolition and loading activities related to ACM at the site were monitored by EnviroScience personnel and analytical samples were collected for TEM analysis once per workday, for analysis at an off-site laboratory. Samples were submitted to ESML Analytical of Woburn, Massachusetts (ESML) for TEM analysis. No asbestos fibers were detected in any of the monitoring samples at concentrations greater than the laboratory reporting limits (typical reporting limits were less than 0.005 fibers per cubic centimeter). Asbestos monitoring analytical reports are included in *Appendix C*.

Investigatory data related to the standing water and solids in the raceway are included in *Tables 1 and 2* and the analytical data are included in *Appendix D*. The raceway structure was constructed with stone liner walls and a rock base. The excavation activities resulted in the removal of all accessible sediment and therefore, confirmatory samples were not collected to document the final quality of the surrounding media.

Confirmatory soil samples were collected from the soil excavation areas. The sample locations are depicted on *Figure 2* and analytical data are tabulated in *Table 3* and included in *Appendix D*. Sample numbers which are depicted in strikeout on *Table 3* were removed during later excavation and are not representative of final soil conditions at the site. The soil data were compared to the MassDEP Method 1 S-1 / GW-2 and S-1 / GW-3 standards. Although final use of the site has not been established, these

standards are conservative with respect to potential risk at the site based on potential exposure scenarios (as they apply to sites with unrestricted access where potable water use is not anticipated).

3.4 Findings and Conclusions of RAM (40.0446(4)(d))

The following conditions summarize Fuss & O'Neill's findings at the completion of the RAM activities:

- Approximately 523 tons of contaminated environmental media (soil and raceway materials) were removed from the site. Approximately 407 tons of soil containing metals and chlorinated VOC was removed from the site and disposed at ESMI of NY, and approximately 116 tons of soil/sediment material containing metals and PAH was removed from the site and disposed at ESMI of NH.
- Confirmatory soil samples collected at the extents of the soil excavations generally contained significantly lower, but detectable, concentrations of chlorinated VOC. The concentrations of PCE and TCE at the northern end of the subject site adjacent to the sewer line remain in excess of the MassDEP Method 1 S-1 soil standards, but that soil was not removed due to the presence of on-site utilities.
- A permanent solution has not been achieved to date, because of the following conditions:
    - The nature and extent of VOC in bedrock groundwater have not been characterized.
    - Groundwater which historically contained VOC at concentrations greater than the MassDEP Method 1 groundwater standards has not been documented to have attenuated to date.
    - VOC remain in soil at the northern end of the site at concentrations greater than the MassDEP Method 1 S-1 soil standards, which may warrant further evaluation. A comprehensive risk characterization incorporating the post-remediation soil data set has not been completed to date to demonstrate whether this soil warrants further remediation activities.

The RAM was implemented in order to remove sources of metals and chlorinated VOC in soil, and to eliminate point sources of contamination which had continued to impact groundwater. An additional objective of the building demolition activity was to facilitate the future installation of bedrock monitoring wells in the former building footprint in order to evaluate the nature and extent of chlorinated VOC in bedrock.

Based on the analytical data set compiled at the site, substantial amounts of soil containing VOC at concentrations greater than the Method 1 S-1 soil standards has been removed from the site. While post-removal groundwater quality has not been assessed to date, the removal of the continuing source of contamination is anticipated to improve groundwater quality at the site. Removal of the building has provided access for bedrock drilling activities to be conducted at a later date. Therefore, the primary objectives of the RAM have been achieved.

However, a Permanent Solution and a Condition of No Significant Risk have not been demonstrated at the site. Therefore, a Response Action Outcome Statement is not appropriate at this time.

3.5 Remediation Waste Management (40.0446(4)(e))

Soil and buried raceway material excavated from the areas depicted on *Figure 2* was temporarily stockpiled on-site during coordination with off-site disposal facilities. As noted above, the contaminated soil and raceway materials were disposed off-site during remediation activities. All material was transported off-site under Bills of Lading which were submitted to MassDEP prior to transport of contaminated media.

Weight slips and transport log sheets for the raceway material (sediment) and soil are included as *Appendix B*. A log sheet summary listing the pertinent shipment dates, tonnages, and weight ticket numbers is included on *Table 4*.

All remediation waste generated during RAM activities has been removed from the site and disposed off-site at appropriately licensed disposal facilities.

3.6 Ongoing Management, Maintenance, and Monitoring (40.0446(4)(f))

The RAM Plan did not propose construction of an engineered control (a cap, soil vapor extraction system, groundwater control, etc.), and therefore, no ongoing maintenance activities are proposed at the site. Permanent fencing was installed at the site to mitigate fall hazards related to the wall height in conformance with local and state building code. However, maintenance of the fencing is not required under the RAM Plan as a means to limit access to contaminated media at the site.

The activities described in the RAM, namely the removal of building components containing hazardous building materials and the excavation of soil containing metals and VOC, was completed, and closure of the underground raceway and removal of contaminated media from the raceway was completed. The excavations were backfilled and no further RAM-related activities are required.

Additional activities will be warranted in order to achieve a permanent solution in accordance with the MCP. Specifically, a bedrock investigation is necessary to evaluate the nature and extent of chlorinated VOC in bedrock groundwater, in order to fulfill the requirements of a *Phase II Comprehensive Site Assessment* in accordance with 310 CMR 40.0830. The results of that assessment will be expected to inform future monitoring and/or remedial strategies at the site.

3.7 Department-Requested Information (40.0446(8))

Additional clarifying information was requested by MassDEP during the waiver approval process for the building demolition activities. However, no additional information has been requested by MassDEP regarding the RAM to date.

3.8 Licensed Site Professional Opinion of RAM Compliance (40.0446(5))

It is the opinion of the LSP-of-Record that the RAM was conducted in accordance with the MCP and met the objectives of the previously submitted RAM Plan. No specific Department-required conditions were attached to the approval of the RAM Plan. The LSP Opinion Certification is included in the Bureau of Waste Site Cleanup Form (BWSC106) submitted to eDEP to which this document is attached.

4 References

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5 Limitations of Work Product

This document was prepared for the sole use of the Town of Franklin (the "Client"), the only intended beneficiaries of our work. Those who may use or rely upon the report and the services (hereafter "work product") performed by Fuss & O'Neill, Inc. and/or its subsidiaries or independent professional associates, subconsultants and subcontractors (collectively the "Consultant") expressly accept the work product upon the following specific conditions.

1. Consultant represents that it prepared the work product in accordance with the professional and industry standards prevailing at the time such services were rendered.

2. The work product may contain information that is time sensitive. The work product was prepared by Consultant subject to the particular scope limitations, budgetary and time constraints and business objectives of the Client which are detailed therein or in the contract between Consultant and Client. Changes in use, tenants, work practices, storage, Federal, state or local laws, rules or regulations may affect the work product.

3. The observations described and upon which the work product was based were made under the conditions stated therein. Any conclusions presented in the work product were based solely upon the services described therein, and not on scientific or engineering tasks or procedures beyond the scope of described services.

4. In preparing its work product, Consultant may have relied on certain information provided by state and local officials and information and representations made by other parties referenced therein, and on information contained in the files of state and/or local agencies made available at the time of the project. To the extent that such files which may affect the conclusions of the work product are missing, incomplete, inaccurate or not provided, Consultant is not responsible. Although there may have been some degree of overlap in the information provided by these various sources, Consultant did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this project. Consultant assumes no responsibility or liability to discover or determine any defects in such information which could result in failure to identify contamination or other defect in, at or near the site. Unless specifically stated in the work product, Consultant assumes no responsibility or liability for the accuracy of drawings and reports obtained, received or reviewed.

5. If the purpose of this project was to assess the physical characteristics of the subject property with respect to the presence in the environment of hazardous substances, waste or petroleum and chemical products and wastes as defined in the work product, unless otherwise noted, no specific attempt was made to check the compliance of present or past owners or operators of the subject property with Federal, state, or local laws and regulations, environmental or otherwise.

6. If water level readings have been made, these observations were made at the times and under the conditions stated in the report. However, it must be noted that fluctuations in water levels

may occur due to variations in rainfall, passage of time and other factors and such fluctuations may affect the conclusions and recommendations presented herein.

7. Except as noted in the work product, no quantitative laboratory testing was performed as part of the project. Where such analyses have been conducted by an outside laboratory, Consultant has relied upon the data provided and, unless otherwise described in the work product, has not conducted an independent evaluation of the reliability of these tests.

8. If the conclusions and recommendations contained in the work product are based, in part, upon various types of chemical data, then the conclusions and recommendations are contingent upon the validity of such data. These data (if obtained) have been reviewed and interpretations made by Consultant. If indicated in the work product, some of these data may be preliminary or screening-level data and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time and other factors.

9. Chemical analyses may have been performed for specific parameters during the course of this project, as described in the work product. However, it should be noted that additional chemical constituents not included in the analyses conducted for the project may be present in soil, groundwater, surface water, sediments or building materials at the subject site.

10. Ownership and property interests of all documents, including reports, electronic media, drawings and specifications, prepared or furnished by Consultant pursuant to this project are subject to the terms and conditions specified in the contract between the Consultant and Client, whether or not the project is completed.

11. Unless otherwise specifically noted in the work product or a requirement of the contract between the Consultant and Client, any reuse, modification or disbursement of documents to third parties will be at the sole risk of the third party and without liability or legal exposure to Consultant.

12. In the event that any questions arise with respect to the scope or meaning of Consultant's work product, immediately contact Consultant for clarification, explanation or to update the work product. In addition, Consultant has the right to verify, at the party's expense, the accuracy of the information contained in the work product, as deemed necessary by Consultant, based upon the passage of time or other material change in conditions since conducting the work.

13. Any use of or reliance on the work product shall constitute acceptance of the terms hereof.

Tables

FUSS & O'NEILL

Table 1
Summary of Sediment Analytical Data
Subsurface Raceway Structure
Collected on July 10, 2012

Former Nu-Style Facility
87 Grove Street, Franklin MA

Prepared for the Town of Franklin

April 2013

	Sample Location	Raceway - West	Raceway - East	MassDEP Method 1 Soil Standards		Average Sediment Concentrations	
	Sample Number	0710-01	0710-02	S-1/GW-2	S-1/GW-3	Upstream of Raceway Discharge	Downstream of Raceway Discharge
VOC (USEPA Method 8260)	Units						
cis-1,2-Dichloroethylene	mg/kg	0.0035	0.0094	0.4	100	---	---
Tetrachloroethylene	mg/kg	0.020	0.022	10	30	---	---
Trichloroethylene	mg/kg	0.030	0.017	2	90	---	---
EPH and Target PAH (MassDEP Method)							
C9-C18 Aliphatics	mg/kg	ND < 77	ND < 87	1,000	1,000	---	---
C19-C36 Aliphatics	mg/kg	170	390	3,000	3,000	ND	20
C11-C22 Aromatics	mg/kg	800	190	1,000	1,000	ND	14
Acenaphthene	mg/kg	18	ND < 0.87	1,000	1,000	---	---
Acenaphthylene	mg/kg	1.2	ND < 0.87	600	10	ND	0.13
Anthracene	mg/kg	36	1.1	1,000	1,000	ND	0.19
Benzo(a)anthracene	mg/kg	40	2.6	7	7	ND	0.43
Benzo(a)pyrene	mg/kg	28	2.3	2	2	ND	0.49
Benzo(b)fluoranthene	mg/kg	36	3.1	7	7	ND	0.60
Benzo(g,h,i)perylene	mg/kg	14	1.5	1,000	1,000	---	---
Benzo(k)fluoranthene	mg/kg	14	1.2	70	70	ND	0.59
Chrysene	mg/kg	35	2.7	70	70	ND	0.68
Dibenzo(a,h)anthracene	mg/kg	4.4	ND < 0.87	0.7	0.7	ND	0.09
Fluoranthene	mg/kg	110	5.6	1,000	1,000	ND	1.4
Fluorene	mg/kg	21	ND < 0.87	1,000	1,000	ND	0.07
Indeno(1,2,3-cd)pyrene	mg/kg	17	1.4	7	7	ND	0.18
2-Methylnaphthalene	mg/kg	5.5	ND < 0.87	80	300	---	---
Naphthalene	mg/kg	10	ND < 0.87	40	500	---	---
Phenanthrene	mg/kg	140	5.0	500	500	ND	0.33
Pyrene	mg/kg	98	5.3	1,000	1,000	ND	1.3
Total Metals (USEPA Methods 6010/7471)							
Antimony	mg/kg	ND < 3.8	8.2	20	20	0.64	0.31
Barium	mg/kg	190	230	1,000	1,000	0.16	0.13
Beryllium	mg/kg	0.69	2.3	100	100	0.14	0.14
Cadmium	mg/kg	ND < 0.38	0.43	2	2	1.5	1.6
Chromium	mg/kg	83	120	30*	30*	3.3	7.0
Lead	mg/kg	290	380	300	300	7.6	8.6
Mercury	mg/kg	0.65	1.2	20	20	---	---
Nickel	mg/kg	12	17	20	20	1.8	5.4
Vanadium	mg/kg	8.2	11	600	600	---	---
Zinc	mg/kg	150	200	2,500	2,500	15	23

Notes:
MassDEP: Massachusetts Department of Environmental Protection
USEPA: United States Environmental Protection Agency
VOC: volatile organic compounds
EPH: extractable petroleum hydrocarbons
PAH: polycyclic aromatic hydrocarbons
ND<X: Not detected above laboratory reporting limit
---: not calculated due to limited available data
mg/kg: milligrams per kilogram
Only the last six digits of the sample numbers are listed.
Bold and shaded values exceed one or more of the regulatory criteria.
*: Conservatively assumes chromium is in hexavalent form.

Created by: DCL
Checked by: SAH

"Upstream of Discharge" is the average of the analytical data from sediment samples collected from locations SD-2, SD-3 and SD-4 during Phase II assessment activities. "Downstream of Discharge" is the average of data from sample locations SD-1, SD-5, SD-6 and SD-7. Refer to Fuss & O'Neill's *September 2010 Phase II Site Assessment Report* for the sediment analytical data. "ND" indicates that the reported concentrations in sediment samples were below laboratory reporting limits.

FUSS & O'NEILL

Table 2
Summary of Surface Water Analytical Data
Subsurface Raceway Structure
Collected on July 10, 2012

Former Nu-Style Facility
87 Grove Street, Franklin MA

Prepared for the Town of Franklin
April 2013

	Sample location	Raceway - West	Raceway - East	MassDEP Method 1 Groundwater Standards	
	Sample number	0710-03	0710-04	GW-2	GW-3
Field Measurements	Units				
pH	pH units	6.69	6.39	NE	NE
Specific Conductance	µS/cm	1561	1522	NE	NE
Temperature	°C	25.2	20.8	NE	NE
Dissolved Oxygen	mg/L	4.89	5.60	NE	NE
ORP	mv	-15.7	-44	NE	NE
VOC (USEPA Method 8260)					
cis-1,2-Dichloroethylene	µg/L	2.3	3.4	100	50,000
EPH with Target PAH (MassDEP Method)					
C9-C18 Aliphatics	µg/L	ND < 100	160	5,000	50,000
C19-C36 Aliphatics	µg/L	320	210	NE	50,000
C11-C22 Aromatics	µg/L	120	ND < 100	50,000	5,000
Acenaphthene	µg/L	ND < 2.0	ND < 2.0	NE	6,000
Acenaphthylene	µg/L	ND < 2.0	ND < 2.0	10,000	40
Anthracene	µg/L	ND < 2.0	ND < 2.0	NE	30
Benzo(a)anthracene	µg/L	ND < 2.0	ND < 2.0	NE	1,000
Benzo(a)pyrene	µg/L	ND < 2.0	ND < 2.0	NE	500
Benzo(b)fluoranthene	µg/L	ND < 2.0	ND < 2.0	NE	400
Benzo(g,h,i)perylene	µg/L	ND < 2.0	ND < 2.0	NE	20
Benzo(k)fluoranthene	µg/L	ND < 2.0	ND < 2.0	NE	100
Chrysene	µg/L	ND < 2.0	ND < 2.0	NE	70
Dibenzo(a,h)anthracene	µg/L	ND < 2.0	ND < 2.0	NE	40
Fluoranthene	µg/L	ND < 2.0	ND < 2.0	NE	200
Fluorene	µg/L	ND < 2.0	ND < 2.0	NE	40
Indeno(1,2,3-cd)pyrene	µg/L	ND < 2.0	ND < 2.0	NE	100
2-Methylnaphthalene	µg/L	ND < 2.0	ND < 2.0	2,000	20,000
Naphthalene	µg/L	ND < 2.0	ND < 2.0	1,000	20,000
Phenanthrene	µg/L	ND < 2.0	ND < 2.0	NE	10,000
Pyrene	µg/L	ND < 2.0	ND < 2.0	NE	20
Total Metals (USEPA Methods 6010/7471)					
Antimony	µg/L	1.7	1.4	NE	8,000
Arsenic	µg/L	1.3	0.85	NE	900
Barium	µg/L	150	140	NE	50,000
Beryllium	µg/L	0.82	1.1	NE	200
Chromium	µg/L	21	21	NE	300*
Lead	µg/L	63	70	NE	10
Mercury	µg/L	0.48	0.17	NE	20
Nickel	µg/L	13	13	NE	200
Zinc	µg/L	60	55	NE	900

Notes:
MassDEP: Massachusetts Department of Environmental Protection
USEPA: United States Environmental Protection Agency
VOC: volatile organic compounds
EPH: extractable petroleum hydrocarbons
PAH: polycyclic aromatic hydrocarbons
ND<X: Not detected above laboratory reporting limit
Only the last six digits of the sample numbers are listed.
Bold and shaded values exceed one or more of the regulatory criteria
*: Conservatively assumes chromium is in hexavalent form.
NE: not established

Created by: DCL
Checked by: SAH

mg/L: milligrams per liter
µg/L: micrograms per liter
ORP: oxidation-reduction potential
ntu: nephelometric turbidity units
°C deg: degrees Celsius
µS/cm: microsiemens per centimeter
mv: millivolts
GW: groundwater

FUSS & O'NEILL

Table 3
Summary of Confirmatory Soil Sample Analytical Data
Excavation Areas

Former Nu-Style Facility
87 Grove Street, Franklin MA

Prepared for the Town of Franklin

April 2013

	Sample Location	Northwest Corner Excavation Area													Average of Remaining Soil in Northwest Corner	Average of Remaining Soil Outside of Sewer Line Area	MassDEP Method 1 Soil Standards	
	Sample Number	1028120820-01	1028120820-02	1028120820-03	1028120820-04	1028120820-05	1028120820-06	1028120820-07	1028120820-08	1028120918-01	1028120918-02	1028120918-03	1028120918-04	1028130108-01				
	Sample Depth (fbg)	2-3	5-6	0-2	5-6	0-1.5	3-4	0-1.5	3-4	3-4	0-2	0-2	3-4	0-3			S-1/GW-2	S-1/GW-3
	Sample Date	8/20/2012	8/20/2012	8/20/2012	8/20/2012	8/20/2012	8/20/2012	8/20/2012	8/20/2012	9/18/2012	9/18/2012	9/18/2012	9/18/2012	1/8/2013				
VOC (USEPA Method 8260/5035)	Units																	
1,1,1-Trichloroethane	mg/kg	ND < 0.0020	ND < 0.0027	ND < 0.0019	ND < 0.0023	~~ND < 0.0020~~	~~ND < 0.0018~~	~~ND < 1.2~~	ND < 0.0019	ND < 0.0022	ND < 0.0022	ND < 0.0021	ND < 0.0018	ND < 0.0028	0.002	0.002	500	500
Tetrachloroethylene	mg/kg	0.031	0.14	ND < 0.0019	0.18	~~0.030~~	~~3.3~~	~~160~~	2.0	0.029	**23**	0.12	0.0068	0.11	2.6	0.29	10	30
Trichloroethylene	mg/kg	0.038	0.012	ND < 0.0019	0.017	~~4.8~~	~~13~~	~~280~~	0.9	0.033	**17**	0.11	0.0023	0.046	1.8	0.13	2	90

	Sample Location	Northeast Corner	B-4 Hot Spot					Average of Remaining Soil Around B-4	MassDEP Method 1 Soil Standards	
	Sample Number	1028120918-05	1028120918-06	1028120918-07	1028120918-08	1028120918-09	1028130108-02			
	Sample Depth (fbg)	5-6	6-7	0-2	0-2	0-2	0-3		S-1/GW-2	S-1/GW-3
	Sample Date	9/18/2012	9/18/2012	9/18/2012	9/18/2012	9/18/2012	1/8/2013			
VOC (USEPA Method 8260/5035)	Units									
1,1,1-Trichloroethane	mg/kg	NA	ND < 0.0024	ND < 0.0021	~~0.0038~~	0.012	ND < 0.0010	0.004375	500	500
Tetrachloroethylene	mg/kg	NA	0.034	0.0023	~~53~~	ND < 0.0021	ND < 0.0010	0.010	10	30
Trichloroethylene	mg/kg	NA	0.011	ND < 0.0021	~~21~~	ND < 0.0021	ND < 0.0010	0.00405	2	90
Total Metals (USEPA Methods 6010/7471)										
Antimony	mg/kg	ND < 2.6	NA	NA	~~NA~~	NA	NA	NA	20	20
Barium	mg/kg	31	NA	NA	~~NA~~	NA	NA	NA	1,000	1,000
Beryllium	mg/kg	ND < 0.26	NA	NA	~~NA~~	NA	NA	NA	100	100
Cadmium	mg/kg	ND < 0.26	NA	NA	~~NA~~	NA	NA	NA	2	2
Chromium	mg/kg	7.3	NA	NA	~~NA~~	NA	NA	NA	30*	30*
Lead	mg/kg	42	NA	NA	~~NA~~	NA	NA	NA	300	300
Mercury	mg/kg	ND < 0.026	NA	NA	~~NA~~	NA	NA	NA	20	20
Nickel	mg/kg	5.7	NA	NA	~~NA~~	NA	NA	NA	20	20
Vanadium	mg/kg	18	NA	NA	~~NA~~	NA	NA	NA	600	600
Zinc	mg/kg	33	NA	NA	~~NA~~	NA	NA	NA	2,500	2,500

Notes:
MassDEP: Massachusetts Department of Environmental Protection
USEPA: United States Environmental Protection Agency
VOC: volatile organic compounds
ND<X: Not detected above laboratory reporting limit
NA: not analyzed
mg/kg: milligrams per kilogram
Slashed cells represent soil removed during later excavation.
Bold and underlined values exceed one or more of the MassDEP Method 1 S-1 soil standards
*: Conservatively assumes chromium is in hexavalent form.
fbg: feet below grade

Created by: DCL
Checked by: TJC

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Table 4

Summary of Material Disposal Activities
Raceway Sediment and PCE-Contaminated Soil

Former Nu-Style Facility
87 Grove Street, Franklin MA

Prepared for the Town of Franklin
April 2013

PCE-Contaminated Soil			
Facility	Ticket Number	Date	Tonnage
NY	2058328	1/7/2013	23.35
NY	2058329	1/7/2013	27.65
NY	2058330	1/7/2013	32.47
NY	2058331	1/7/2013	34.62
NY	2058332	1/7/2013	32.81
NY	2058338	1/8/2013	30.94
NY	2058339	1/8/2013	29.33
NY	2058340	1/8/2013	27.16
NY	2058343	1/8/2013	36.47
NY	2058396	1/23/2013	32.03
NY	2058397	1/23/2013	25.84
NY	2058398	1/23/2013	29.03
NY	2058407	1/24/2013	19.88
NY	2058408	1/24/2013	24.95
Subtotal			**406.53**

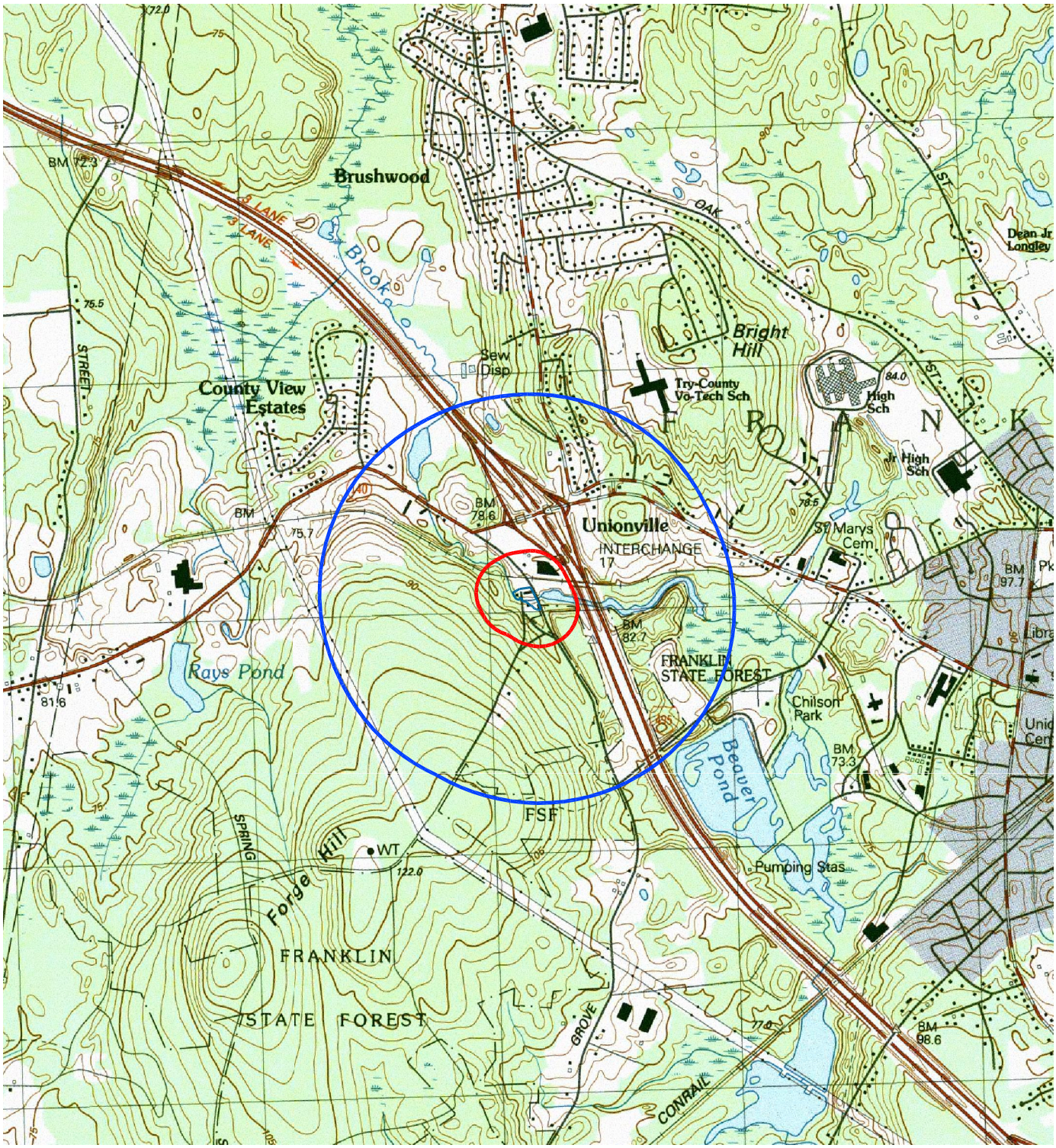
Raceway Sediment			
Facility	Ticket Number	Date	Tonnage
NH	276822	8/20/2012	24.49
NH	276823	8/20/2012	19.80
NH	281530	1/23/2013	36.97
NH	281531	1/23/2013	35.14
Subtotal			**116.40**
Net Tonnage			**522.93**

Notes:

All material was disposed at facilities operated by Environmental Soil Management, Inc. (ESMI). Facilities are located in Loudon, New Hampshire (NH) and Fort Edward, New York (NY).

"Net Tonnage" is the sum of tonnages disposed at ESMI of NH and ESMI of NY.

Figures



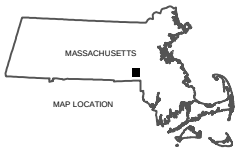
MAP REFERENCE

THIS MAP WAS PREPARED FROM USGS TOPOGRAPHIC QUADRANGLE IMAGES, FRANKLIN, MASSACHUSETTS
© 1995 MASSGIS. ORIGINAL MAP PUBLICATION DATE: 1987

SOURCE: OFFICE OF GEOGRAPHIC AND ENVIRONMENTAL INFORMATION (MASSGIS), COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS

LEGEND

- 500 FOOT RADIUS
- 1/2 MILE RADIUS
- APPROXIMATE SUBJECT PROPERTY BOUNDARY



SCALE:	
HORZ.: 1" = 2000'	
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VERT.:	

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GRAPHIC SCALE

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TOWN OF FRANKLIN

SITE LOCATION MAP

FORMER NU-STYLE FACILITY

87 GROVE STREET FRANKLIN, MASSACHUSETTS

PROJ. No.:	20050458.F30
DATE:	FEBRUARY 2011

FIGURE 1

File Path: J:\DWG\P20050458F30\Environmental\Plan\20050458F30_LOC01.dwg, Layout: 08.5x11-P_RI71-SM-COLOR, Plotted: Tue, Feb 08, 2011 - 4:54 PM User: dlafrance
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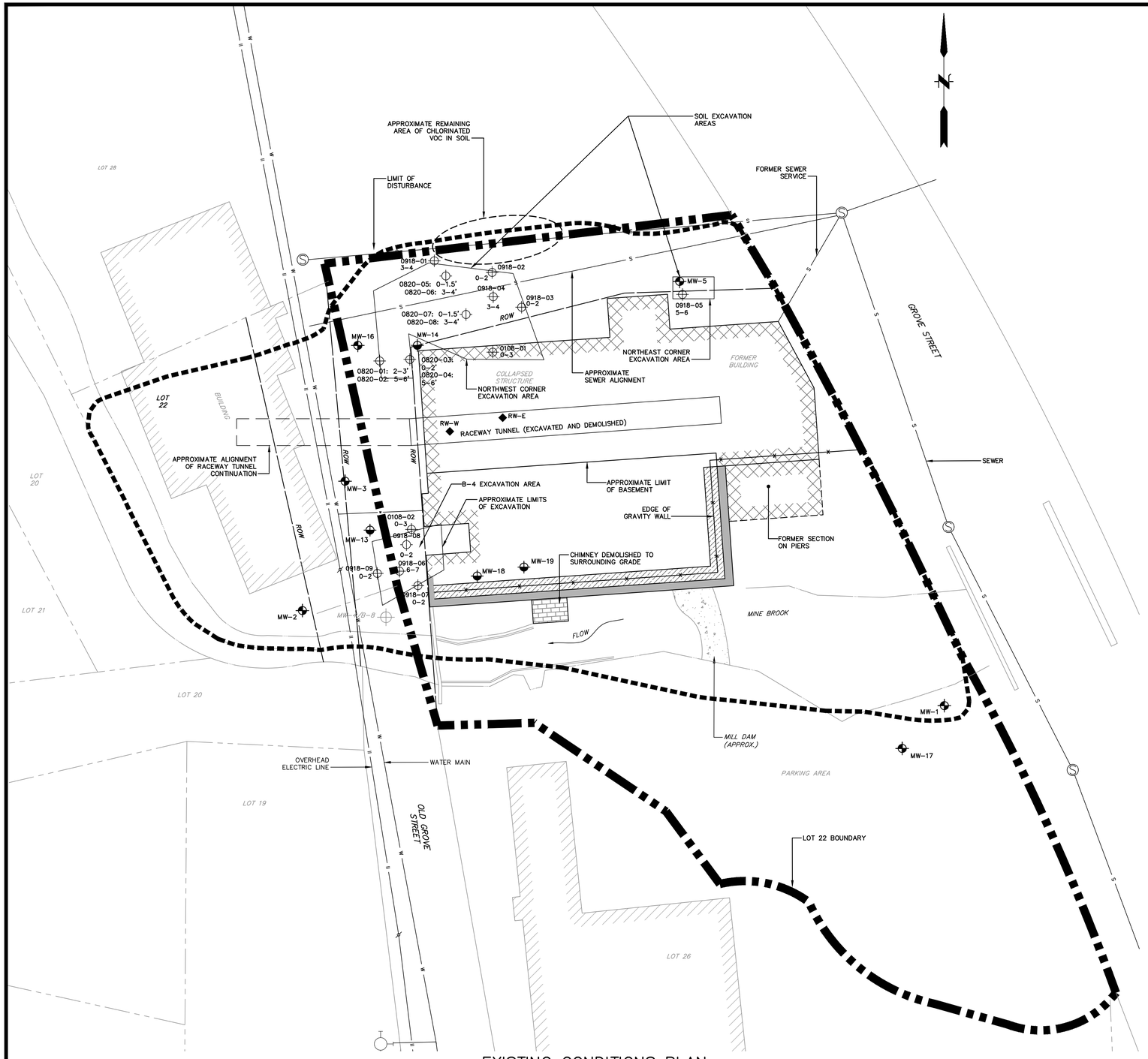

EXISTING CONDITIONS PLAN

SCALE: 1"= 20'

LEGEND

- PROPERTY BOUNDARY
- PARCEL LINES
- ROW — TOWN-OWNED RIGHT OF WAY
- TOWN-OWNED ROADWAY
- EDGE OF WATER
- WETLANDS
- RTN 2-16594 DISPOSAL SITE BOUNDARY (DASHED WHERE APPROXIMATE)
- LIMITS OF EXCAVATION AREA
- FOUNDATION DEMOLISHED DURING RAM ACTIVITIES
- FOUNDATION TO REMAIN
- GRAVITY WALL INSTALLED DURING RAM
- CHAIN LINK FENCE
- OVERBURDEN MONITORING WELL
- SHALLOW BEDROCK MONITORING WELL
- HYDRANT
- SEWER MANHOLE
- 0918-04 3-4 — CONFIRMATORY SOIL SAMPLE LOCATION WITH SAMPLE NUMBER (6 DIGITS) AND DEPTH
- SOIL SAMPLE REMOVED FROM DATA SET (VIA ADDITIONAL EXCAVATION
- RW-E — RACEWAY EAST/WEST CO-LOCATED SEDIMENT & STANDING WATER SAMPLE

REFERENCES:

SITE FEATURES WERE OBTAINED FROM THE FOLLOWING SOURCES:

1. TOWN OF FRANKLIN ASSESSOR'S MAP 276 AND GIS MAPPING
2. SITE OBSERVATIONS BY FUSS & O'NEILL
3. 2010 AERIAL PHOTOGRAPHY FROM GOOGLE
4. JULY 2003 "SITE PLAN MODIFICATION, ASSESSOR'S MAP 72, LOT 7" BY UNITED CONSULTANTS, INC.

NOTES:

1. THE USEPA BROWNFIELDS REMEDIATION GRANT APPLIED SOLELY TO LOT 27. NO ACTION WERE CONDUCTED OUTSIDE OF THE DISPOSAL SITE BOUNDARY OR ON THE LOT 22 PORTION OF THE DISPOSAL SITE. ADDITIONAL RESPONSE ACTIONS MAY BE WARRANTED ON LOT 22 AT A LATER DATE.
2. BACKFILL CONSISTED OF A COMBINATION OF CRUSHED BRICK, CONCRETE AND MASONRY RUBBLE AND IMPORTED SAND & GRAVEL FILL PROVIDED BY THE TOWN OF FRANKLIN. THE GROUND SURFACE WAS RESTORED WITH MULCH AND LEAVES.
3. UTILITY LOCATIONS ARE APPROXIMATE BASED ON TOWN GIS MAPPING AND KNOWLEDGE OF SITE CONDITIONS.
4. MW-18 AND MW-19 WERE DESTROYED DURING DEMOLITION WORK AND WILL BE REPLACED AT A LATER DATE.
5. SOIL ALONG THE NORTHERN PROPERTY LINE IN DASHED BOUNDARY WAS NOT DISTURBED DUE TO PRESENCE OF UTILITIES (WATER & SEWER).

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL

SEAL

SCALE:
HORZ.: 1"= 20'
VERT.:
DATUM:
HORZ.:
VERT.:
20 10 0 20
GRAPHIC SCALE

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TOWN OF FRANKLIN

SITE PLAN

RELEASE ABATEMENT MEASURE COMPLETION REPORT
FORMER NU-STYLE FACILITY

FRANKLIN MASSACHUSETTS

PROJ. No.: 20050458.F31
DATE: MARCH 2013

FIGURE 2

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LAYER STATE:
MS VIEW:

Appendix A

Site Photographs

FUSS & O'NEILL

Site Photographs
Former NuStyle Facility
Franklin, Massachusetts
Taken March 2012 – March 2013

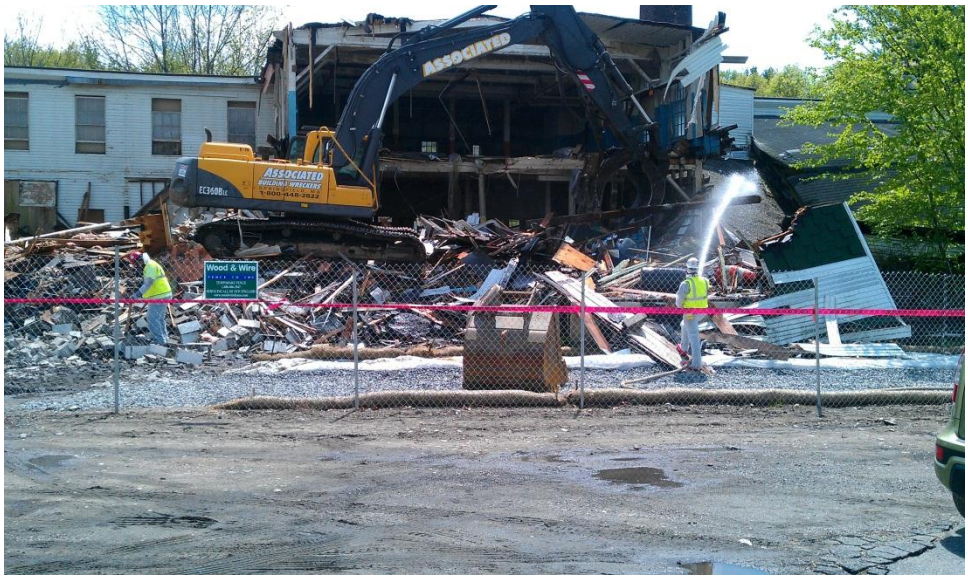
The work was conducted in accordance with an Order of Conditions

Truck wash pad installation

A scaffolding structure was used to prevent falling debris from impacting wetlands

Erosion controls installed along Mine Brook

The property was fenced to prevent unauthorized access



Building demolition

Building demolition (continued)

The chimney was demolished by hand and bricks were pulverized for fill

The scaffolding was dismantled after the overhead project work was completed

The raceway tunnel when initially exposed

The raceway ended inside the basement of the Lot 22 building (bottom left)

The excavation in the northwest corner of the site

The repaired sewer line, which limited the excavation along the northern property line

Backfilling the northwest excavation area

Restoration of the brick masonry wall façade

Installation of the concrete form work for the gravity wall

The cast-in-place concrete gravity wall behind the foundation façade

The foundation wall was capped with a poured concrete cap

The finished exterior foundation wall and fence

The site at substantial completion

FUSS & O'NEILL

Appendix B

Weight Slips and Soil Disposal Documentation

ESMI OF NEW YORK
304 Towpath Road
Fort Edward, New York 12828

(518)747-5500

Ticket No : 2058328
Date : 1/7/2013

Max. Acceptable Soil: 300.00

Customer: RED10
RED TECHNOLOGIES
173 PICKERING ST

PORTLAND,CT 06480

Job No :9423
FORMER NUSTYLE FACILITY
87 GROVE ST
FRANKLIN MA
Running Tonnage: 23.35

Trucker:
CH-80 Cedar Hill

Gross : 81920 Scale 1 In 1:01:30PM
Tare : 35220 STORED Out

Net : 46700 lb
23.350

UF01 07 URBAN FILL

Weigh Master: Kim Matteson #530022

Driver:

Remarks:

Material	$
Delivery	$
Misc	$
Tax	$
Total	$

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BILL OF LADING Transport Log Sheet

Page ________ OF ________

Release Tracking Number: 2 - 16694

I. LOAD INFORMATION:

Load 1:
Signature of Transporter Representative: Ethan W.
Receiving Facility/Temporary Storage Representative: ESMI Kim Macttegan
Date of Shipment: 1-7-13
Time of Shipment: 9:30 ☑ AM ☐ PM
Date of Receipt: 1/7/13
Time of Receipt: 1:01 ☐ AM ☒ PM
Truck/Tractor Registration: NY54772 PA
Trailer Registration (if any): N.Y. 1173 CS
Load Size (cu. yds./tons): 23.35

Load 2:
Signature of Transporter Representative:
Receiving Facility/Temporary Storage Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Load Size (cu. yds./tons):

Load 3:
Signature of Transporter Representative:
Receiving Facility/Temporary Storage Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Load Size (cu. yds./tons):

Load 4:
Signature of Transporter Representative:
Receiving Facility/Temporary Storage Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Load Size (cu. yds./tons):

Load 5:
Signature of Transporter Representative:
Receiving Facility/Temporary Storage Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Load Size (cu. yds./tons):

Load 6:
Signatiure of Transporter Representative:
Receiving Facility/Temporary Storage Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons): 23.35
Total Carried Forward (cu. yds./tons):
Total Carried Forward and This Page (cu. yds./tons): 23.35

ESMI OF NEW YORK
304 Towpath Road
Fort Edward, New York 12828

(518)747-5500

Ticket No : 2058329
Date : 1/7/2013

Max. Acceptable Soil: 300.00

Customer: RED10
RED TECHNOLOGIES
173 PICKERING ST

PORTLAND,CT 06480

Job No :9423
FORMER NUSTYLE FACILITY
87 GROVE ST
FRANKLIN MA
Running Tonnage: 51.00

Trucker:
CH-96 CEDAR HILL

Gross : 90620 Scale 1 In 1:09:19PM
Tare : 35320 STORED Out

Net : 55300 lb
27.650

UF01 07 URBAN FILL

Weigh Master: Kim Matteson #530022

Material $
Delivery $
Misc $
Tax $
Total $

Driver:

Remarks:

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BILL OF LADING Transport Log Sheet

Page _____ OF _____

Release Tracking Number: 2 - 16694

I. LOAD INFORMATION:

Load 1:
Signature of Transporter Representative:
Date of Shipment: 1/7/13
Time of Shipment: 9:15 ☒ AM ☐ PM
Truck/Tractor Registration: 16961-PA
Trailer Registration (if any): AV-96868
Receiving Facility/Temporary Storage Representative:
Date of Receipt: 1/7/13
Time of Receipt: 1:09 ☐ AM ☒ PM
Load Size (cu. yds./tons): 27.65

Load 2:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 3:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 4:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 5:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 6:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons)	27.65
Total Carried Forward (cu. yds./tons):	23.35
Total Carried Forward and This Page (cu. yds./tons):	51.00

1/13/11

ESMI OF NEW YORK
304 Towpath Road
Fort Edward, New York 12828

(518)747-5500

Ticket No : 2058330
Date : 1/7/2013

Max. Acceptable Soil: 300.00

Customer: RED10
RED TECHNOLOGIES
173 PICKERING ST

PORTLAND,CT 06480

Job No :9423
FORMER NUSTYLE FACILITY
87 GROVE ST
FRANKLIN MA
Running Tonnage: 83.47

Trucker:
CH-78 CEDAR HILL

Gross : 98880 Scale 1 In 1:24:12PM
Tare : 33940 STORED Out

Net : 64940 lb
32.470

UF01 07 URBAN FILL

Weigh Master: Kim Matteson #530022

Driver:

Remarks:

Material	$
Delivery	$
Misc	$
Tax	$
Total	$

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BILL OF LADING Transport Log Sheet

Page _____ OF _____

Release Tracking Number: 2 - 16694

I. LOAD INFORMATION:

Load 1:
Signature of Transporter Representative: [signature]
Date of Shipment: 1-7-13
Time of Shipment: 10:00 ☒ AM ☐ PM
Truck/Tractor Registration: 18682 PA / NY 1030B3 / NY
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative: [signature]
Date of Receipt: 1/7/13
Time of Receipt: 1:24 ☐ AM ☒ PM
Load Size (cu. yds./tons): 32.47

Load 2:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 3:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 4:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 5:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 6:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons)	32.47
Total Carried Forward (cu. yds./tons):	51.00
Total Carried Forward and This Page (cu. yds./tons):	83.47

ESMI OF NEW YORK
304 Towpath Road
Fort Edward, New York 12828

(518)747-5500

Ticket No : 2058331
Date : 1/7/2013

Max. Acceptable Soil: 300.00

Customer: RED10
RED TECHNOLOGIES
173 PICKERING ST

PORTLAND,CT 06480

Job No :9423
FORMER NUSTYLE FACILITY
87 GROVE ST
FRANKLIN MA
Running Tonnage: 118.09

Trucker:
CH-88 Cedar Hill

Gross : 103720 Scale 1 In 1:25:30PM
Tare : 34480 STORED Out

Net : 69240 lb
34.620

UF01 07 URBAN FILL

Weigh Master: Kim Matteson #530022

Driver:

Remarks:

Material	$
Delivery	$
Misc	$
Tax	$
Total	$

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BILL OF LADING Transport Log Sheet

Page _____ OF _____

Release Tracking Number: 2 - 16694

I. LOAD INFORMATION:

Load 1:
Signature of Transporter Representative:
Date of Shipment: 1/1
Time of Shipment: 10:00 ☒ AM ☐ PM
Truck/Tractor Registration: 88
Trailer Registration (if any): 74T14

Receiving Facility/Temporary Storage Representative:
Date of Receipt: 1/7/13
Time of Receipt: 1125 ☐ AM ☒ PM
Load Size (cu. yds./tons): 34.62

Load 2:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 3:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 4:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 5:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 6:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons)	34.62
Total Carried Forward (cu. yds./tons):	83.47
Total Carried Forward and This Page (cu. yds./tons):	118.09

ESMI OF NEW YORK
304 Towpath Road
Fort Edward, New York 12828

(518)747-5500

Ticket No : 2058332
Date : 1/7/2013

Max. Acceptable Soil: 300.00

Customer: RED10
RED TECHNOLOGIES
173 PICKERING ST

PORTLAND,CT 06480

Job No :9423
FORMER NUSTYLE FACILITY
87 GROVE ST
FRANKLIN MA
Running Tonnage: 150.90

Trucker:
CH-97 CEDAR HILL

Gross : 102400 Scale 1 In 3:27:09PM
Tare : 36780 STORED Out

Net : 65620 lb
32.810

UF01 07 URBAN FILL

Weigh Master: Kim Matteson #530022

Driver:

Remarks:

Material	$
Delivery	$
Misc	$
Tax	$
Total	$

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BILL OF LADING Transport Log Sheet

Page _____ OF _____

Release Tracking Number: 2 - 16694

I. LOAD INFORMATION:

Load 1:
Signature of Transporter Representative: Rick Cook
Date of Shipment: 1/7/13
Time of Shipment: 11:30 ☑ AM ☐ PM
Truck/Tractor Registration: 160 OR
Trailer Registration (if any): AD80326

Receiving Facility/Temporary Storage Representative: EDMS
Date of Receipt: 1/7/13
Time of Receipt: 3:27 ☐ AM ☒ PM
Load Size (cu. yds./tons): 32.81

Load 2:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 3:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 4:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 5:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 6:
Signatiure of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons)	32.81
Total Carried Forward (cu. yds./tons):	118.09
Total Carried Forward and This Page (cu. yds./tons):	150.90

ESMI OF NEW YORK
304 Towpath Road
Fort Edward, New York 12828

(518)747-5500

Ticket No : 2058338
Date : 1/8/2013

Max. Acceptable Soil: 300.00

Customer: RED10
RED TECHNOLOGIES
173 PICKERING ST

PORTLAND,CT 06480

Job No :9423
FORMER NUSTYLE FACILITY
87 GROVE ST
FRANKLIN MA
Running Tonnage: 181.84

Trucker:
CH-88 Cedar Hill

Gross : 96360 Scale 1 In 11:34:01AM
Tare : 34480 STORED Out

Net : 61880 lb
30.940

UF01 07 URBAN FILL

Weigh Master: Kim Matteson #530022

Driver:

Remarks:

Material	$
Delivery	$
Misc	$
Tax	$
Total	$

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BILL OF LADING Transport Log Sheet

Page _____ OF _____

Release Tracking Number: 2 - 16694

I. LOAD INFORMATION:

Load 1:
Signature of Transporter Representative: Jeffrey Blais
Date of Shipment: 1/8/13
Time of Shipment: 8:00 ☒ AM ☐ PM
Truck/Tractor Registration: 88
Trailer Registration (if any): T14
Receiving Facility/Temporary Storage Representative: ESMS Ken Nolan
Date of Receipt: 1/8/13
Time of Receipt: 11:34 ☒ AM ☐ PM
Load Size (cu. yds./tons): (27) 30.94

Load 2:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 3:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 4:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 5:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 6:
Signatiure of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons)	30.94
Total Carried Forward (cu. yds./tons):	150.90
Total Carried Forward and This Page (cu. yds./tons):	181.84

ESMI OF NEW YORK
304 Towpath Road
Fort Edward, New York 12828

(518)747-5500

Ticket No : 2058339
Date : 1/8/2013

Max. Acceptable Soil: 300.00

Customer: RED10
RED TECHNOLOGIES
173 PICKERING ST

PORTLAND,CT 06480

Job No :9423
FORMER NUSTYLE FACILITY
87 GROVE ST
FRANKLIN MA
Running Tonnage: 211.17

Trucker:
CH-97 CEDAR HILL

Gross : 95440 Scale 1 In 12:54:58PM
Tare : 36780 STORED Out

Net : 58660 lb
29.330

UF01 07 URBAN FILL

Weigh Master: Kim Matteson #530022

Driver:

Remarks:

Material	$
Delivery	$
Misc	$
Tax	$
Total	$

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BILL OF LADING Transport Log Sheet

Page _____ OF _____

Release Tracking Number: 2 - 16694

I. LOAD INFORMATION:

Load 1:
Signature of Transporter Representative: Rich Card
Receiving Facility/Temporary Storage Representative: ESMS
Date of Shipment: 1/8/13
Time of Shipment: 8:40 ☑ AM ☐ PM
Date of Receipt: 1/8/13
Time of Receipt: 12:54 ☐ AM ☑ PM
Truck/Tractor Registration: 16050 PC
Trailer Registration (if any): AD 80326
Load Size (cu. yds./tons): 29.33

Load 2:
Signature of Transporter Representative:
Receiving Facility/Temporary Storage Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Load Size (cu. yds./tons):

Load 3:
Signature of Transporter Representative:
Receiving Facility/Temporary Storage Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Load Size (cu. yds./tons):

Load 4:
Signature of Transporter Representative:
Receiving Facility/Temporary Storage Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Load Size (cu. yds./tons):

Load 5:
Signature of Transporter Representative:
Receiving Facility/Temporary Storage Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Load Size (cu. yds./tons):

Load 6:
Signature of Transporter Representative:
Receiving Facility/Temporary Storage Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons)	29.33
Total Carried Forward (cu. yds./tons):	181.84
Total Carried Forward and This Page (cu. yds./tons):	211.17

ESMI OF NEW YORK
304 Towpath Road
Fort Edward, New York 12828

(518)747-5500 Ticket No : 2058340
Date : 1/8/2013

Max. Acceptable Soil: 300.00

Customer: RED10
RED TECHNOLOGIES
173 PICKERING ST

PORTLAND,CT 06480

Job No :9423
FORMER NUSTYLE FACILITY
87 GROVE ST
FRANKLIN MA
Running Tonnage: 238.33

Trucker:
CH-96 CEDAR HILL

Gross : 89640 Scale 1 In 1:14:23PM
Tare : 35320 STORED Out

Net : 54320 lb
27.160

UF01 07 URBAN FILL

Weigh Master: Kim Matteson #530022

Driver:

Remarks:

Material $
Delivery $
Misc $
Tax $
Total $

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BILL OF LADING Transport Log Sheet

Page _____ OF _____

Release Tracking Number: 2 - 16694

I. LOAD INFORMATION:

Load 1:
Signature of Transporter Representative:
Date of Shipment: 1/28/13
Time of Shipment: 8:00 ☒ AM ☐ PM
Truck/Tractor Registration: 16961 PA
Trailer Registration (if any): AV96868
Receiving Facility/Temporary Storage Representative:
Date of Receipt: 1/31/13
Time of Receipt: 1124 ☐ AM ☒ PM
Load Size (cu. yds./tons): 27.16

Load 2:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 3:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 4:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 5:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 6:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons)	27.16
Total Carried Forward (cu. yds./tons):	211.17
Total Carried Forward and This Page (cu. yds./tons):	238.33

ESMI OF NEW YORK
304 Towpath Road
Fort Edward, New York 12828

(518)747-5500 Ticket No : 2058343
Date : 1/8/2013

Max. Acceptable Soil: 300.00

Customer: RED10
RED TECHNOLOGIES
173 PICKERING ST

PORTLAND,CT 06480

Job No :9423
FORMER NUSTYLE FACILITY
87 GROVE ST
FRANKLIN MA
Running Tonnage: 274.80

Trucker:
CH-78 CEDAR HILL

Gross : 106880 Scale 1 In 2:08:38PM
Tare : 33940 STORED Out

Net : 72940 lb
36.470

UF01 07 URBAN FILL

Weigh Master: Kim Matteson #530022

Driver:

Remarks:

Material	$
Delivery	$
Misc	$
Tax	$
Total	$

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BILL OF LADING Transport Log Sheet

Page _____ OF _____

Release Tracking Number: 2 - 16694

I. LOAD INFORMATION:

Load 1:

Signature of Transporter Representative:

Date of Shipment: 1-8-13

Time of Shipment: 10:15 ☒ AM ☐ PM

Truck/Tractor Registration: 18682PA/NY

Trailer Registration (if any): 103083/NY

Receiving Facility/Temporary Storage Representative:

Date of Receipt: 1/8/13

Time of Receipt: 2:08 ☐ AM ☒ PM

Load Size (cu. yds./tons): 36.47

Load 2:

Signature of Transporter Representative:

Date of Shipment:

Time of Shipment: ☐ AM ☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt:

Time of Receipt: ☐ AM ☐ PM

Load Size (cu. yds./tons):

Load 3:

Signature of Transporter Representative:

Date of Shipment:

Time of Shipment: ☐ AM ☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt:

Time of Receipt: ☐ AM ☐ PM

Load Size (cu. yds./tons):

Load 4:

Signature of Transporter Representative:

Date of Shipment:

Time of Shipment: ☐ AM ☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt:

Time of Receipt: ☐ AM ☐ PM

Load Size (cu. yds./tons):

Load 5:

Signature of Transporter Representative:

Date of Shipment:

Time of Shipment: ☐ AM ☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt:

Time of Receipt: ☐ AM ☐ PM

Load Size (cu. yds./tons):

Load 6:

Signature of Transporter Representative:

Date of Shipment:

Time of Shipment: ☐ AM ☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt:

Time of Receipt: ☐ AM ☐ PM

Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons)	36.47
Total Carried Forward (cu. yds./tons):	238.33
Total Carried Forward and This Page (cu. yds./tons):	274.80

1/13/11

ESMI OF NEW YORK (518)747-5500 Ticket No : 2058396
304 Towpath Road Date : 1/23/2013
Fort Edward, New York 12828

Max. Acceptable Soil: 750.00

Customer: RED10 Job No :9423
RED TECHNOLOGIES FORMER NUSTYLE FACILITY
173 PICKERING ST 87 GROVE ST
FRANKLIN MA
PORTLAND,CT 06480 Running Tonnage: 306.83

Trucker: Gross : 100840 Scale 1 In 2:56:10PM
CH-97 CEDAR HILL Tare : 36780 STORED Out

Net : 64060 lb
UF01 07 URBAN FILL 32.030

Weigh Master: Kim Matteson #530022

Driver:

Remarks:

Material	$
Delivery	$
Misc	$
Tax	$
Total	$

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BILL OF LADING Transport Log Sheet

Page _____ OF _____

Release Tracking Number: 2 - 16694

I. LOAD INFORMATION:

Load 1:
Signature of Transporter Representative: Rick Card
Date of Shipment: 1/23/13
Time of Shipment: 16:30 ☒ AM ☐ PM
Truck/Tractor Registration: 16050 PC
Trailer Registration (if any): AD80326

Receiving Facility/Temporary Storage Representative: ESMS
Date of Receipt: 1/28/13
Time of Receipt: 2:36 ☐ AM ☒ PM
Load Size (cu. yds./tons): 30 32.03

Load 2:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 3:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 4:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 5:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 6:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons)	32.03
Total Carried Forward (cu. yds./tons):	274.80
Total Carried Forward and This Page (cu. yds./tons):	306.83

ESMI OF NEW YORK
304 Towpath Road
Fort Edward, New York 12828

(518)747-5500 Ticket No : 2058397
Date : 1/23/2013

Max. Acceptable Soil: 750.00

Customer: RED10
RED TECHNOLOGIES
173 PICKERING ST

PORTLAND,CT 06480

Job No :9423
FORMER NUSTYLE FACILITY
87 GROVE ST
FRANKLIN MA
Running Tonnage: 332.67

Trucker:
CH-98 Cedar Hill

Gross : 87380 Scale 1 In 3:02:15PM
Tare : 35700 STORED Out

Net : 51680 lb
25.840

UF01 07 URBAN FILL

Weigh Master: Kim Matteson #530022

Driver:

Remarks:

Material	$
Delivery	$
Misc	$
Tax	$
Total	$

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BILL OF LADING Transport Log Sheet

Page _____ **OF** _____

Release Tracking Number 2 - 16694

I. LOAD INFORMATION:

Load 1:
Signature of Transporter Representative: x
Receiving Facility/Temporary Storage Representative:
Date of Shipment: x 1/23/13
Time of Shipment: x 11:30 ☒ AM ☐ PM
Date of Receipt: 1/23/13
Time of Receipt: 3:02 ☐ AM ☒ PM
Truck/Tractor Registration: 15619PA
Trailer Registration (if any): AR85395
Load Size (cu. yds./tons): 25.84

Load 2:
Signature of Transporter Representative:
Receiving Facility/Temporary Storage Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Load Size (cu. yds./tons):

Load 3:
Signature of Transporter Representative:
Receiving Facility/Temporary Storage Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Load Size (cu. yds./tons):

Load 4:
Signature of Transporter Representative:
Receiving Facility/Temporary Storage Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Load Size (cu. yds./tons):

Load 5:
Signature of Transporter Representative:
Receiving Facility/Temporary Storage Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Load Size (cu. yds./tons):

Load 6:
Signature of Transporter Representative:
Receiving Facility/Temporary Storage Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons)	25.84
Total Carried Forward (cu. yds./tons):	306.83
Total Carried Forward and This Page (cu. yds./tons):	332.67

ESMI OF NEW YORK
304 Towpath Road
Fort Edward, New York 12828

(518)747-5500 Ticket No : 2058398
Date : 1/23/2013

Max. Acceptable Soil: 750.00

Customer: RED10
RED TECHNOLOGIES
173 PICKERING ST

PORTLAND,CT 06480

Job No :9423
FORMER NUSTYLE FACILITY
87 GROVE ST
FRANKLIN MA
Running Tonnage: 361.70

Trucker:
VF-05 VANBUREN FARMS

Gross : 94360 Scale 1 In 3:02:59PM
Tare : 36300 STORED Out

Net : 58060 lb
29.030

UF01 07 URBAN FILL

Weigh Master: Kim Matteson #530022

Driver:

Remarks:

Material	$
Delivery	$
Misc	$
Tax	$
Total	$

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BILL OF LADING Transport Log Sheet

Page _____ OF _____

Release Tracking Number: 2 - 16694

I. LOAD INFORMATION:

Load 1:

Signature of Transporter Representative:

Receiving Facility/Temporary Storage Representative:

Date of Shipment: 1-23-13

Time of Shipment: 11:30 ☒ AM ☐ PM

Date of Receipt: 1/23/13

Time of Receipt: 3:02 ☐ AM ☒ PM

Truck/Tractor Registration: 1025 PB

Trailer Registration (if any): BB52518

Load Size (cu. yds./tons): 29.03

Load 2:

Signature of Transporter Representative:

Receiving Facility/Temporary Storage Representative:

Date of Shipment:

Time of Shipment: ☐ AM ☐ PM

Date of Receipt:

Time of Receipt: ☐ AM ☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Load Size (cu. yds./tons):

Load 3:

Signature of Transporter Representative:

Receiving Facility/Temporary Storage Representative:

Date of Shipment:

Time of Shipment: ☐ AM ☐ PM

Date of Receipt:

Time of Receipt: ☐ AM ☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Load Size (cu. yds./tons):

Load 4:

Signature of Transporter Representative:

Receiving Facility/Temporary Storage Representative:

Date of Shipment:

Time of Shipment: ☐ AM ☐ PM

Date of Receipt:

Time of Receipt: ☐ AM ☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Load Size (cu. yds./tons):

Load 5:

Signature of Transporter Representative:

Receiving Facility/Temporary Storage Representative:

Date of Shipment:

Time of Shipment: ☐ AM ☐ PM

Date of Receipt:

Time of Receipt: ☐ AM ☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Load Size (cu. yds./tons):

Load 6:

Signature of Transporter Representative:

Receiving Facility/Temporary Storage Representative:

Date of Shipment:

Time of Shipment: ☐ AM ☐ PM

Date of Receipt:

Time of Receipt: ☐ AM ☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons)	29.03
Total Carried Forward (cu. yds./tons):	332.67
Total Carried Forward and This Page (cu. yds./tons):	361.70

ESMI OF NEW YORK
304 Towpath Road
Fort Edward, New York 12828

(518)747-5500 Ticket No : 2058407
Date : 1/24/2013

Max. Acceptable Soil: 750.00

Customer: RED10
RED TECHNOLOGIES
173 PICKERING ST

PORTLAND,CT 06480

Job No :9423
FORMER NUSTYLE FACILITY
87 GROVE ST
FRANKLIN MA
Running Tonnage: 381.58

Trucker:
CH-97 CEDAR HILL

Gross : 76540 Scale 1 In 3:20:28PM
Tare : 36780 STORED Out

Net : 39760 lb
19.880

UF01 07 URBAN FILL

Weigh Master: Kim Matteson #530022

Driver:

Remarks:

Material	$
Delivery	$
Misc	$
Tax	$
Total	$

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BILL OF LADING Transport Log Sheet

Page _____ OF _____

Release Tracking Number: 2 - 16694

I. LOAD INFORMATION:

Load 1:
Signature of Transporter Representative: Rust Carl
Date of Shipment: 1/24/13
Time of Shipment: 11:25 ☑ AM ☐ PM
Truck/Tractor Registration: 16052 PC
Trailer Registration (if any): AD 80326
Receiving Facility/Temporary Storage Representative: ESMS
Date of Receipt: 1/24/13
Time of Receipt: 3.20 ☐ AM ☒ PM
Load Size (cu. yds/tons): 19.88

Load 2:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 3:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 4:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 5:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 6:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons)	19.88
Total Carried Forward (cu. yds./tons):	361.70
Total Carried Forward and This Page (cu. yds./tons):	381.58

1/13/11

ESMI OF NEW YORK
304 Towpath Road
Fort Edward, New York 12828

(518)747-5500 Ticket No : 2058408
Date : 1/24/2013

Max. Acceptable Soil: 750.00

Customer: RED10
RED TECHNOLOGIES
173 PICKERING ST

PORTLAND,CT 06480

Job No :9423
FORMER NUSTYLE FACILITY
87 GROVE ST
FRANKLIN MA
Running Tonnage: 406.53

Trucker:
CH-80 Cedar Hill

Gross : 85120 Scale 1 In 3:22:22PM
Tare : 35220 STORED Out

Net : 49900 lb
24.950

UF01 07 URBAN FILL

Weigh Master: Kim Matteson #530022

Driver:

Remarks:

Material	$
Delivery	$
Misc	$
Tax	$
Total	$

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BILL OF LADING Transport Log Sheet

Page _____ OF _____

Release Tracking Number: 2 - 16694

I. LOAD INFORMATION:

Load 1:
Signature of Transporter Representative:
Date of Shipment: 1-24-13
Time of Shipment: 11:45 ☑ AM ☐ PM
Truck/Tractor Registration: 54722 PA N:/ 1173 C5 N.Y
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: 1/24/13
Time of Receipt: 3:22 ☐ AM ☒ PM
Load Size (cu. yds./tons): 24.95

Load 2:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 3:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 4:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 5:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 6:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons)	24.95
Total Carried Forward (cu. yds./tons):	381.58
Total Carried Forward and This Page (cu. yds./tons):	406.53

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112A

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number 2 - 16694

SUMMARY OF SHIPMENT SHEET 1 OF 1

A. SUMMARY OF SHIPMENT (To be filled out by the receiving facility upon receipt of Remediation Waste):

1. Date of Shipment: (mm/dd/yyyy)	2. Date of Receipt: (mm/dd/yyyy)	3. Number of Loads Shipped:	4. Daily Volume Shipped: ☐ yds³ ☒ tons ☐ gals
01/07/2013	01/07/2013	5	150.90
01/08/2013	01/08/2013	4	123.90
01/23/2013	01/23/2013	3	86.90
01/24/2013	01/24/2013	2	44.83
5. Totals Recorded on this Summary of Shipment Sheet:			406.53

B. ☐ Check here if additional BWSC112A BOL Summary Sheets are needed.

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112B

Release Tracking Number
2 - 16694

BILL OF LADING (pursuant to 310 CMR 40.0030)
SUMMARY SHEET SIGNATURE PAGE

A. ACKNOWLEDGEMENT OF RECEIPT OF REMEDIATION WASTE AT RECEIVING FACILITY OR TEMPORARY STORAGE:

1. I, Kimberly Matteson, attest under the pains and penalties or perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: Kimberly Matteson 3. Title: Office Manager

4. For: ESMI of New York 5. Date: 01/24/2013 (mm/dd/yyyy)

6. Date of Final Shipment associated with this Bill of Lading: 01/24/2013 (mm/dd/yyyy)

B. ACKNOWLEDGEMENT OF SHIPMENT AND RECEIPT OF REMEDIATION WASTE BY PERSON CONDUCTING RESPONSE ACTIONS ASSOCIATED WITH THIS BILL OF LADING:

1. I, Bryan Taberner, attest under the pains and penalties or perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: [signature] 3. Title: Planning Director

4. For: Town of Franklin (Name of person or entity recorded in Section G) 5. Date: 1/7/13 (mm/dd/yyyy)

Agent for Town, and not as individual.

☐ 6. Check here if the address of the person providing certification is different from address recorded in BWSC112 Section H.

7. Street: _____

8. City/Town: _____ 9. State: _____ 10. Zip Code: _____

11. Telephone: _____ 12. Ext: _____ 13. Fax: _____

☑ 14. Check here if attaching optional supporting documentation such as copies of Load Information Summary Sheets

12-109 – Franklin, MA to ESMI-NH

Report Summary: 2 Recs, 1 Rows, 2 Cols. Compile time: 0 mins 0 secs

		SCHEDULE DATE		
CUSTOMER NAME		0/ 0/ 0	1/ 23/ 13	TOTALS
Associated Building Wrecking, Inc.	Tot		72.11	72.11
	Cnt		2	2
TOTAL NET_TONS		0.00	72.11	72.11
TOTAL COUNT			2	2

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112A

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number: 2 - 16694

SUMMARY OF SHIPMENT SHEET [ ] OF [ ]

A. SUMMARY OF SHIPMENT (To be filled out by the receiving facility upon receipt of Remediation Waste):

1. Date of Shipment: (mm/dd/yyyy)	2. Date of Receipt: (mm/dd/yyyy)	3. Number of Loads Shipped:	4. Daily Volume Shipped: ☐ yds³ ☒ tons ☐ gals
01/23/2013	01/23/2013	2	72.11
5. Totals Recorded on this Summary of Shipment Sheet:		2	72.11

B. ☐ Check here if additional BWSC112A BOL Summary Sheets are needed.

ESMI of N.H.
67 International Drive

Loudon, NH 03307

(603) 783-0228

Ticket No : 281531
Date : 1/23/2013

Max Acceptable Soil: 400.00

Customer: RTECH10
RED TECHNOLOGIES, LLC
10 Northwood Drive

Bloomfield, CT 06002

Job No : 8608
Former Nu-Style Building
87 Grove St
Franklin MA

Running Tonnage: 116.40

Trucker:
ESMI3 ESMI 03

UF01 URBAN FILL

Gross : 105400 Scale 1 In 10:29:02AM
Tare : 35120 STORED Out

Net : 70280 lb
35.140

Weigh Master: ANGELA

Driver:

Remarks: Thank You For Your Business

Material $
Delivery $
Misc $
Tax $

Total $

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BILL OF LADING Transport Log Sheet

Page _____ OF _____

Release Tracking Number: ☐ - ☐

I. LOAD INFORMATION:

Load 1:
Signature of Transporter Representative:
Receiving Facility/Temporary Storage Representative:
Date of Shipment: 1-23-13
Time of Shipment: 8:30 ☒ AM ☐ PM
Date of Receipt: 1/23/13
Time of Receipt: 10:29 ☒ AM ☐ PM
Truck/Tractor Registration: WHAP194R
Trailer Registration (if any): UNT287607
Load Size (cu. yds./tons): 35.14

Load 2:
Signature of Transporter Representative:
Receiving Facility/Temporary Storage Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Load Size (cu. yds./tons):

Load 3:
Signature of Transporter Representative:
Receiving Facility/Temporary Storage Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Load Size (cu. yds./tons):

Load 4:
Signature of Transporter Representative:
Receiving Facility/Temporary Storage Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Load Size (cu. yds./tons):

Load 5:
Signature of Transporter Representative:
Receiving Facility/Temporary Storage Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Load Size (cu. yds./tons):

Load 6:
Signature of Transporter Representative:
Receiving Facility/Temporary Storage Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons): 35.14
Total Carried Forward (cu. yds./tons):
Total Carried Forward and This Page (cu. yds./tons):

1/13/11

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BILL OF LADING Transport Log Sheet

Page _____ OF 1

Release Tracking Number: 2 - 16691

I. LOAD INFORMATION:

Load 1:
Signature of Transporter Representative:
Date of Shipment: 1/23/13
Time of Shipment: 8:30 ☒ AM ☐ PM
Truck/Tractor Registration: AP3292
Trailer Registration (if any): T324751
Receiving Facility/Temporary Storage Representative:
Date of Receipt: 1/23/13
Time of Receipt: 10:27 ☒ AM ☐ PM
Load Size (cu. yds./tons): 36.97

Load 2:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 3:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 4:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 5:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

Load 6:
Signature of Transporter Representative:
Date of Shipment:
Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt: ☐ AM ☐ PM
Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons): 36.97
Total Carried Forward (cu. yds./tons):
Total Carried Forward and This Page (cu. yds./tons):

1/13/11

ESMI of N.H.
67 International Drive
Loudon, NH 03307

(603) 783-0228

Ticket No : 281530
Date : 1/23/2013

Max Acceptable Soil: 400.00

Customer: RTECH10
RED TECHNOLOGIES, LLC
10 Northwood Drive
Bloomfield, CT 06002

Job No : 8608
Former Nu-Style Building
87 Grove St.
Franklin MA

Running Tonnage: 81.26

Trucker:
ESMI9 ESMI 04

Gross : 108680 Scale 1 In 10:27:09AM
Tare : 34740 STORED Out

Net : 73940 lb
36.970

UF01 URBAN FILL

Weigh Master: ANGELA

Driver:

Remarks: Thank You For Your Business

Material $	
Delvry $	
Misc $	
Tax $	
Total $	

ESMI of N.H.
67 International Drive

Loudon, NH 03307

(603) 783-0228

Ticket No : 276822
Date : 8/20/2012

Max. Acceptable Soil: 400.00

Customer: RTECH10
RED TECHNOLOGIES, LLC
10 Northwood Drive

Bloomfield, CT 06002

Job No : 8608
Former Nu-Style Building
87 Grove St.
Franklin MA

Running Tonnage: 24.49

Trucker:
ESMI4 ESMI 04

Gross : 83720 Scale 1 In 9:55:55AM
Tare : 34740 STORED Out

Net : 48980 lb
24.490

UF01 URBAN FILL

Weigh Master: ANGELA

Driver:

Remarks: Thank You For Your Business

Material $
Delvry $
Misc $
Tax $

Total $

ESMI of N.H.
67 International Drive

Loudon, NH 03307

(603) 783-0228

Ticket No : 276823
Date : 8/20/2012

Max Acceptable Soil: 400.00

Customer: RTECH10
RED TECHNOLOGIES, LLC
10 Northwood Drive

Bloomfield, CT 06002

Job No : 8608
Former Nu-Style Building
87 Grove St.
Franklin MA

Running Tonnage: 44.29

Trucker:
ESMI3 ESMI 03

Gross : 74720 Scale 1 In 10:15:41AM
Tare : 35120 STORED Out

Net : 39600 lb
19.800

UF01 URBAN FILL

Weigh Master: ANGELA

Driver:

Remarks: Thank You For Your Business

Material $
Delvry $
Misc $
Tax $

Total $

Appendix C

Asbestos Monitoring Data

EMSL Analytical, Inc.
7 Constitution Way, Suite 107, Woburn, MA 01801
Phone/Fax: (781) 933-8411 / (781) 933-8412
bostonlab@emsl.com

EMSL Order:	131202214
CustomerID:	ENVI54
CustomerPO:	
ProjectID:	

Attn: **Bob May**
Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Phone:	(860) 646-2469
Fax:	(888) 838-1160
Received:	05/14/12 8:30 AM
Analysis Date:	5/15/2012
Collected:	5/11/2012

Project: **20050458.F30 / Nu-Style; Franklin, MA**

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM)
Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

Sample	Location	Volume (Liters)	Area Analyzed (mm^2)	Non Asb	Asbestos Type(s)	# Structures ≥ 0.5µ < 5µ	# Structures ≥5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm^2)	Asbestos Concentration (S/cc)
511JH-TEM-01	Side B - TEM	1200.00	0.0650	0	None Detected			0.0049	**<15.00**	**<0.0049**
131202214-0001										

Analyst(s)

Renaldo Drakes (1)

Renaldo Drakes, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3 and VT AL357102

Initial report from 05/15/2012 10:31:46

EMSL Analytical, Inc.
307 West 38th Street, New York, NY 10018
Phone/Fax: (212) 290-0051 / (212) 290-0058
http://www.emsl.com manhattanlab@emsl.com

EMSL Order:	031214841
CustomerID:	ENVI54
CustomerPO:	
ProjectID:	

Attn: **Fuss & O'Neill EnviroScience, LLC**
146 Hartford Road
Manchester, CT 06040

Phone:	(860) 646-2469
Fax:	(888) 838-1160
Received:	05/15/12 9:59 AM
Analysis Date:	5/16/2012
Collected:	5/14/2012

Project: **20050458.F30/ NU STYLE/ FRANKLIN, MA.**

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

Sample	Location	Volume (Liters)	Area Analyzed (mm^2)	Non Asb	Asbestos Type(s)	# Structures ≥ 0.5µ < 5µ	# Structures ≥5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm^2)	Asbestos Concentration (S/cc)
514JH-TEM 01	SIDE A	1200.00	0.0650	0	None Detected			0.0049	**<15.00**	**<0.0049**
031214841-0001										

Analyst(s)

Venisha Lazarus-Barnes (1)

James Hall, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. New York, NY NVLAP Lab Code 101048-9, AIHA-LAP, LLC--IHLAP 102581, NYS ELAP 11506, NJ NY022, CT PH-0170, MA AA000170

Initial report from 05/16/2012 12:35:01

EMSL Analytical, Inc.
7 Constitution Way, Suite 107, Woburn, MA 01801
Phone/Fax: (781) 933-8411 / (781) 933-8412
bostonlab@emsl.com

EMSL Order:	131202273
CustomerID:	ENVI54
CustomerPO:	
ProjectID:	

Attn: **Bob May**
Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Phone:	(860) 646-2469
Fax:	(888) 838-1160
Received:	05/16/12 9:35 AM
Analysis Date:	5/17/2012
Collected:	5/15/2012

Project: **20050458.F30 / Nu-Style; Franklin, MA**

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM)
Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

Sample	Location	Volume (Liters)	Area Analyzed (mm²)	Non Asb	Asbestos Type(s)	# Structures ≥ 0.5µ < 5µ	# Structures ≥5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)
515JH-TEM-01	Side D - TEM	1200.00		0	None Detected			0.0000	**<0.00**	**<0.0000**
131202273-0001										

Analyst(s)

Renaldo Drakes (1)

Renaldo Drakes, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3 and VT AL357102

Initial report from 05/17/2012 09:17:59

EMSL Analytical, Inc.
7 Constitution Way, Suite 107, Woburn, MA 01801
Phone/Fax: (781) 933-8411 / (781) 933-8412
bostonlab@emsl.com

EMSL Order:	131202296
CustomerID:	ENVI54
CustomerPO:	
ProjectID:	

Attn: **Bob May**
Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Phone:	(860) 646-2469
Fax:	(888) 838-1160
Received:	05/17/12 9:45 AM
Analysis Date:	5/18/2012
Collected:	5/16/2012

Project: **20050458.F3E / Nu-Style; Franklin, MA**

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM)
Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

Sample	Location	Volume (Liters)	Area Analyzed (mm^2)	Non Asb	Asbestos Type(s)	# Structures ≥ 0.5µ < 5µ	# Structures ≥5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm^2)	Asbestos Concentration (S/cc)
516JH-TEM-01	Side D - TEM	1200.00	0.0650	0	None Detected			0.0049	**<15.00**	**<0.0049**
131202296-0001										

Analyst(s)

Allison Libeskind (1)

Renaldo Drakes, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3 and VT AL357102

Initial report from 05/18/2012 09:42:35

EMSL Analytical, Inc.
7 Constitution Way, Suite 107, Woburn, MA 01801
Phone/Fax: (781) 933-8411 / (781) 933-8412
bostonlab@emsl.com

EMSL Order:	131202320
CustomerID:	ENVI54
CustomerPO:	
ProjectID:	

Attn: **Bob May**
Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Phone:	(860) 646-2469
Fax:	(888) 838-1160
Received:	05/18/12 9:50 AM
Analysis Date:	5/21/2012
Collected:	5/17/2012

Project: **20050458.F3E / Nu-Style; Franklin, MA**

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM)
Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

Sample	Location	Volume (Liters)	Area Analyzed (mm^2)	Non Asb	Asbestos Type(s)	# Structures ≥ 0.5µ < 5µ	# Structures ≥5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm^2)	Asbestos Concentration (S/cc)
517JH-TEM-01	Side D - TEM	1200.00	0.0650	0	None Detected			0.0049	**<15.00**	**<0.0049**
131202320-0001										

Analyst(s)

Renaldo Drakes (1)

Renaldo Drakes, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3 and VT AL357102

Initial report from 05/21/2012 09:45:43

EMSL Analytical, Inc.
7 Constitution Way, Suite 107, Woburn, MA 01801
Phone/Fax: (781) 933-8411 / (781) 933-8412
bostonlab@emsl.com

EMSL Order:	131202394
CustomerID:	ENVI54
CustomerPO:	
ProjectID:	

Attn: **Bob May**
Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Phone:	(860) 646-2469
Fax:	(888) 838-1160
Received:	05/23/12 9:40 AM
Analysis Date:	5/23/2012
Collected:	5/18/2012

Project: **20050458.F3E / Nu-Style; Franklin, MA**

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM)
Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

Sample	Location	Volume (Liters)	Area Analyzed (mm²)	Non Asb	Asbestos Type(s)	# Structures ≥ 0.5µ < 5µ	# Structures ≥5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)
518JH-TEM-01	Exterior Side D - TEM	1200.00	0.0650	0	None Detected			0.0049	**<15.00**	**<0.0049**
131202394-0001										

Analyst(s)

Allison Libeskind (1)

Renaldo Drakes, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3 and VT AL357102

Initial report from 05/23/2012 18:14:18

EMSL Analytical, Inc.
7 Constitution Way, Suite 107, Woburn, MA 01801
Phone/Fax: (781) 933-8411 / (781) 933-8412
bostonlab@emsl.com

EMSL Order:	131202367
CustomerID:	ENVI54
CustomerPO:	
ProjectID:	

Attn: **Bob May**
Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Phone:	(860) 646-2469
Fax:	(888) 838-1160
Received:	05/22/12 9:10 AM
Analysis Date:	5/22/2012
Collected:	5/21/2012

Project: **20050458.F3E / Nu-Style; Franklin, MA**

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM)
Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

Sample	Location	Volume (Liters)	Area Analyzed (mm²)	Non Asb	Asbestos Type(s)	# Structures ≥ 0.5µ < 5µ	# Structures ≥5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)
521JH-TEM-01	Side D - TEM	1200.00	0.0650	0	None Detected			0.0049	**<15.00**	**<0.0049**
131202367-0001										

Analyst(s)

Allison Libeskind (1)

Renaldo Drakes, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3 and VT AL357102

Initial report from 05/22/2012 15:10:34

EMSL Analytical, Inc.
7 Constitution Way, Suite 107, Woburn, MA 01801
Phone/Fax: (781) 933-8411 / (781) 933-8412
bostonlab@emsl.com

EMSL Order:	131202394
CustomerID:	ENVI54
CustomerPO:	
ProjectID:	

Attn: **Bob May**
Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Phone:	(860) 646-2469
Fax:	(888) 838-1160
Received:	05/23/12 9:40 AM
Analysis Date:	5/23/2012
Collected:	5/18/2012

Project: **20050458.F3E / Nu-Style; Franklin, MA**

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM)
Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

Sample	Location	Volume (Liters)	Area Analyzed (mm²)	Non Asb	Asbestos Type(s)	# Structures ≥ 0.5µ < 5µ	# Structures ≥5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)
518JH-TEM-01	Exterior Side D - TEM	1200.00	0.0650	0	None Detected			0.0049	**<15.00**	**<0.0049**
131202394-0001										

Analyst(s)

Allison Libeskind (1)

Renaldo Drakes, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3 and VT AL357102

Initial report from 05/23/2012 18:14:18

EMSL Analytical, Inc.
7 Constitution Way, Suite 107, Woburn, MA 01801
Phone/Fax: (781) 933-8411 / (781) 933-8412
bostonlab@emsl.com

EMSL Order:	131202446
CustomerID:	ENVI54
CustomerPO:	
ProjectID:	

Attn: **Bob May**
Fuss & O'Neill EnviroScience, LLC
50 Redfield Street
Boston, MA 06122

Phone:	(617) 282-46754701
Fax:	(888) 838-1160
Received:	05/25/12 9:35 AM
Analysis Date:	5/29/2012
Collected:	5/24/2012

Project: **20050458.F3E / Nu-Style; Franklin, MA**

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM)
Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

Sample	Location	Volume (Liters)	Area Analyzed (mm^2)	Non Asb	Asbestos Type(s)	# Structures ≥ 0.5µ < 5µ	# Structures ≥5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm^2)	Asbestos Concentration (S/cc)
524DD-TEM-01	Downwind C-Side at WM&G - TEM	1200.00	0.0650	1	None Detected			0.0049	**<15.00**	**<0.0049**
131202446-0001										

Analyst(s)

Steve Grise (1)

Renaldo Drakes, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3 and VT AL357102

Initial report from 05/29/2012 12:48:22

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-5974
http://www.emsl.com cinnasblab@EMSL.com

EMSL Order:	041213629
CustomerID:	ENVI54
CustomerPO:	
ProjectID:	

Attn: **Bob May**
Fuss & O'Neill EnviroScience, LLC
50 Redfield Street
Boston, MA 06122

Phone:	(617) 282-46754701
Fax:	(888) 838-1160
Received:	05/30/12 10:00 AM
Analysis Date:	5/30/2012
Collected:	5/25/2012

Project: **20050458.F3E NU-STYLE FRANKLIN MA**

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM)
Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

Sample	Location	Volume (Liters)	Area Analyzed (mm^2)	Non Asb	Asbestos Type(s)	# Structures ≥ 0.5μ < 5μ	# Structures ≥5μ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm^2)	Asbestos Concentration (S/cc)
525DD-TEM-01	DOWNWIND SIDE C	1200.00	0.0660	0	None Detected			0.0049	**<15.00**	**<0.0049**
041213629-0001										

PRELIMINARY RESULT.

Analyst(s)

McLaughlin Paul (1)

Preliminary Report

Actual final results may differ.

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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036

Initial report from

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-5974
http://www.emsl.com cinnasblab@EMSL.com

EMSL Order:	041213630
CustomerID:	ENVI54
CustomerPO:	
ProjectID:	

Attn: **Bob May**
Fuss & O'Neill EnviroScience, LLC
50 Redfield Street
Boston, MA 06122

Phone:	(617) 282-46754701
Fax:	(888) 838-1160
Received:	05/30/12 10:00 AM
Analysis Date:	5/30/2012
Collected:	5/29/2012

Project: **20050458.F3E NU-STYLE FRANKLIN MA**

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM)
Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

Sample	Location	Volume (Liters)	Area Analyzed (mm^2)	Non Asb	Asbestos Type(s)	# Structures ≥ 0.5µ < 5µ	# Structures ≥5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm^2)	Asbestos Concentration (S/cc)
529DD-TEM-01	DOWNWIND SIDE C	1200.00	0.0660	0	None Detected			0.0049	**<15.00**	**<0.0049**
041213630-0001										

Analyst(s)

McLaughlin Paul (1)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036

Initial report from 05/30/2012 18:04:39

EMSL Analytical, Inc.
7 Constitution Way, Suite 107, Woburn, MA 01801
Phone/Fax: (781) 933-8411 / (781) 933-8412
bostonlab@emsl.com

EMSL Order:	131202545
CustomerID:	ENVI54
CustomerPO:	
ProjectID:	

Attn: **Bob May**
Fuss & O'Neill EnviroScience, LLC
50 Redfield Street
Boston, MA 06122

Phone:	(617) 282-46754701
Fax:	(888) 838-1160
Received:	06/01/12 10:00 AM
Analysis Date:	6/4/2012
Collected:	5/31/2012

Project: **20050458.F3E / Nu-Style**

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM)
Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

Sample	Location	Volume (Liters)	Area Analyzed (mm²)	Non Asb	Asbestos Type(s)	# Structures ≥ 0.5µ < 5µ	# Structures ≥5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)
531DD-TEM-01	Downwind Side C - TEM	1200.00	0.0650	0	None Detected			0.0049	**<15.00**	**<0.0049**
131202545-0001										

Analyst(s)

Allison Libeskind (1)

Renaldo Drakes, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3 and VT AL357102

Initial report from 06/04/2012 13:19:56

EMSL Analytical, Inc.
7 Constitution Way, Suite 107, Woburn, MA 01801
Phone/Fax: (781) 933-8411 / (781) 933-8412
bostonlab@emsl.com

EMSL Order:	131202559
CustomerID:	ENVI54
CustomerPO:	
ProjectID:	

Attn: **Bob May**
Fuss & O'Neill EnviroScience, LLC
50 Redfield Street
Boston, MA 06122

Phone:	(617) 282-46754701
Fax:	(888) 838-1160
Received:	06/04/12 8:55 AM
Analysis Date:	6/4/2012
Collected:	6/1/2012

Project: **20050458.F3E / Nu-Style; Franklin, MA**

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

Sample	Location	Volume (Liters)	Area Analyzed (mm^2)	Non Asb	Asbestos Type(s)	# Structures ≥ 0.5µ < 5µ	# Structures ≥5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm^2)	Asbestos Concentration (S/cc)
61DD-TEM-01	Downwind Side C - TEM AHERA	1380.00	0.0650	0	None Detected			0.0043	**<15.00**	**<0.0043**
131202559-0001										

Analyst(s)

Allison Libeskind (1)

Renaldo Drakes, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3 and VT AL357102

Initial report from 06/04/2012 17:38:37

EMSL Analytical, Inc.
7 Constitution Way, Suite 107, Woburn, MA 01801
Phone/Fax: (781) 933-8411 / (781) 933-8412
bostonlab@emsl.com

EMSL Order:	131202687
CustomerID:	ENVI54
CustomerPO:	
ProjectID:	

Attn: **Bob May**
Fuss & O'Neill EnviroScience, LLC
50 Redfield Street
Boston, MA 06122

Phone:	(617) 282-46754701
Fax:	(888) 838-1160
Received:	06/11/12 8:30 AM
Analysis Date:	6/12/2012
Collected:	

Project: **20050458.F3E / Nu-Style; Franklin, MA**

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM)
Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

Sample	Location	Volume (Liters)	Area Analyzed (mm²)	Non Asb	Asbestos Type(s)	# Structures ≥ 0.5µ < 5µ	# Structures ≥5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)
68DD-TEM-01	Downwind Side D Truck Wash - TEM AHERA	1218.00	0.0650	0	None Detected			0.0049	**<15.00**	**<0.0049**
131202687-0001										

Analyst(s)

Renaldo Drakes (1)

Renaldo Drakes, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3 and VT AL357102

Initial report from 06/12/2012 11:43:13

FUSS & O'NEILL

Appendix D

Laboratory Analytical Data

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

July 17, 2012

David Foss
Fuss & O'Neill - Providence
317 Iron Horse Way, Suite 204
Providence, RI 02908

Project Location: Franklin, MA
Client Job Number:
Project Number: 20050458.F31
Laboratory Work Order Number: 12G0278

Enclosed are results of analyses for samples received by the laboratory on July 10, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

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

Fuss & O'Neill - Providence
317 Iron Horse Way, Suite 204
Providence, RI 02908
ATTN: David Foss

REPORT DATE: 7/17/2012

PURCHASE ORDER NUMBER: 102820050458F31

PROJECT NUMBER: 20050458.F31

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12G0278

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

PROJECT LOCATION: Franklin, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
1028120710-01	12G0278-01	Soil		MADEP-EPH-04-1.1	
				SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8260C	
1028120710-02	12G0278-02	Soil		MADEP-EPH-04-1.1	
				SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8260C	
1028120710-03	12G0278-03	Ground Water		MADEP-EPH-04-1.1	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 8260C	
1028120710-04	12G0278-04	Ground Water		MADEP-EPH-04-1.1	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 8260C	
1028120710-05	12G0278-05	Trip Blank Soil	Trip Blank	SW-846 8260C	

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CASE NARRATIVE SUMMARY

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

SW-846 6010C

Qualifications:

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

Analyte & Samples(s) Qualified:

Arsenic, Beryllium, Cadmium

B054796-BSD1

SW-846 8260C

Qualifications:

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

Analyte & Samples(s) Qualified:

Vinyl Chloride

B054842-BS1

Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria.

Analyte & Samples(s) Qualified:

Bromomethane, Chloromethane, Dichlorodifluoromethane (Freon 12)

B054835-BS1, B054842-BS1, B054842-BSD1, B054852-BS1, B054852-BSD1, B054835-BSD1

Elevated reporting limit based on lowest point in calibration.
MA CAM reporting limit not met.

Analyte & Samples(s) Qualified:

1,2-Dibromo-3-chloropropane (DBCP), Bromoform, Bromomethane, Carbon Disulfide, Chlorodibromomethane, Chloromethane, Methylene Chloride, trans-1,3-Dichloropropene

12G0278-05[1028120710-05], 12G0278-03[1028120710-03], 12G0278-04[1028120710-04]

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

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 2,2-Dichloropropane, Hexachlorobutadiene, Naphthalene, n-Butylbenzene, p-Isopropyltoluene (p-Cymene), sec-Butylbenzene

12G0278-03[1028120710-03], 12G0278-04[1028120710-04], B054842-BLK1, B054842-BS1, B054842-BSD1, 12G0278-01[1028120710-01], 12G0278-02[1028120710-02], B054852-BLK1, B054852-BS1, B054852-BSD1

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

Analyte & Samples(s) Qualified:

1,4-Dioxane, 2-Butanone (MEK), Acetone, Tetrahydrofuran

12G0278-01[1028120710-01], 12G0278-02[1028120710-02], 12G0278-03[1028120710-03], 12G0278-04[1028120710-04], 12G0278-05[1028120710-05], B054835-BLK1, B054835-BS1, B054835-BSD1, B054842-BLK1, B054842-BS1, B054842-BSD1, B054852-BLK1, B054852-BS1, B054852-BSD1

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

Analyte & Samples(s) Qualified:

1,4-Dioxane, 2-Hexanone (MBK), 4-Methyl-2-pentanone (MIBK), Bromomethane

B054835-BS1, B054835-BSD1, B054852-BS1, B054852-BSD1

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MADEP-EPH-04-1.1

SPE cartridge contamination with non-petroleum compounds, if present, is verified by GC/MS in each method blank per extraction batch and excluded from C11-C22 aromatic range fraction in all samples in the batch. No significant modifications were made to the method.

SW-846 8260C

Laboratory control sample recoveries for required MCP Data Enhancement 8260 compounds were all within limits specified by the method except for “difficult analytes” where recovery control limits of 40-160% are used and/or unless otherwise listed in this narrative. Difficult analytes: MIBK, MEK, acetone, 1,4-dioxane, chloromethane, dichlorodifluoromethane, 2-hexanone, and bromomethane.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Franklin, MA | Sample Description: | Work Order: 12G0278

Date Received: 7/10/2012

Field Sample #: 1028120710-01 | Sampled: 7/10/2012 11:40

Sample ID: 12G0278-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.14	mg/Kg dry	1	V-16	SW-846 8260C	7/11/12	7/11/12 12:38	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
Benzene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
Bromobenzene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
Bromochloromethane	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
Bromodichloromethane	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
Bromoform	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
Bromomethane	ND	0.014	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
2-Butanone (MEK)	ND	0.058	mg/Kg dry	1	V-16	SW-846 8260C	7/11/12	7/11/12 12:38	MFF
n-Butylbenzene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
sec-Butylbenzene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
tert-Butylbenzene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
Carbon Disulfide	ND	0.0087	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
Carbon Tetrachloride	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
Chlorobenzene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
Chlorodibromomethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
Chloroethane	ND	0.014	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
Chloroform	ND	0.0058	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
Chloromethane	ND	0.014	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
2-Chlorotoluene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
4-Chlorotoluene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
1,2-Dibromoethane (EDB)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
Dibromomethane	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
1,2-Dichlorobenzene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
1,3-Dichlorobenzene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
1,4-Dichlorobenzene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.014	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
1,1-Dichloroethane	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
1,2-Dichloroethane	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
1,1-Dichloroethylene	ND	0.0058	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
cis-1,2-Dichloroethylene	0.0035	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
trans-1,2-Dichloroethylene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
1,2-Dichloropropane	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
1,3-Dichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
2,2-Dichloropropane	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
1,1-Dichloropropene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
cis-1,3-Dichloropropene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
trans-1,3-Dichloropropene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
Diethyl Ether	ND	0.014	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
Diisopropyl Ether (DIPE)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
1,4-Dioxane	ND	0.14	mg/Kg dry	1	V-16	SW-846 8260C	7/11/12	7/11/12 12:38	MFF
Ethylbenzene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Franklin, MA | Sample Description: | Work Order: 12G0278

Date Received: 7/10/2012

Field Sample #: 1028120710-01 | Sampled: 7/10/2012 11:40

Sample ID: 12G0278-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
2-Hexanone (MBK)	ND	0.029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
Isopropylbenzene (Cumene)	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0058	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
Methylene Chloride	ND	0.014	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
Naphthalene	ND	0.0058	mg/Kg dry	1	V-05	SW-846 8260C	7/11/12	7/11/12 12:38	MFF
n-Propylbenzene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
Styrene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
1,1,1,2-Tetrachloroethane	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
1,1,2,2-Tetrachloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
Tetrachloroethylene	0.020	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
Tetrahydrofuran	ND	0.014	mg/Kg dry	1	V-16	SW-846 8260C	7/11/12	7/11/12 12:38	MFF
Toluene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
1,2,3-Trichlorobenzene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
1,2,4-Trichlorobenzene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
1,1,1-Trichloroethane	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
1,1,2-Trichloroethane	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
Trichloroethylene	0.030	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
Trichlorofluoromethane (Freon 11)	ND	0.014	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
1,2,3-Trichloropropane	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
1,2,4-Trimethylbenzene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
1,3,5-Trimethylbenzene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
Vinyl Chloride	ND	0.014	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
m+p Xylene	ND	0.0058	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF
o-Xylene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 12:38	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	104	70-130		7/11/12 12:38
Toluene-d8	96.6	70-130		7/11/12 12:38
4-Bromofluorobenzene	94.8	70-130		7/11/12 12:38

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Project Location: Franklin, MA | Sample Description: | Work Order: 12G0278

Date Received: 7/10/2012

Field Sample #: 1028120710-01 | Sampled: 7/10/2012 11:40

Sample ID: 12G0278-01

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	77	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:35	CJM
C19-C36 Aliphatics	170	77	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:35	CJM
Unadjusted C11-C22 Aromatics	1400	77	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:35	CJM
C11-C22 Aromatics	800	77	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:35	CJM
Acenaphthene	18	0.77	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:35	CJM
Acenaphthylene	1.2	0.77	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:35	CJM
Anthracene	36	0.77	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:35	CJM
Benzo(a)anthracene	40	0.77	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:35	CJM
Benzo(a)pyrene	28	0.77	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:35	CJM
Benzo(b)fluoranthene	36	0.77	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:35	CJM
Benzo(g,h,i)perylene	14	0.77	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:35	CJM
Benzo(k)fluoranthene	14	0.77	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:35	CJM
Chrysene	35	0.77	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:35	CJM
Dibenz(a,h)anthracene	4.4	0.77	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:35	CJM
Fluoranthene	110	0.77	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:35	CJM
Fluorene	21	0.77	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:35	CJM
Indeno(1,2,3-cd)pyrene	17	0.77	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:35	CJM
2-Methylnaphthalene	5.5	0.77	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:35	CJM
Naphthalene	10	0.77	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:35	CJM
Phenanthrene	140	0.77	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:35	CJM
Pyrene	98	0.77	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:35	CJM

Surrogates	% Recovery	Recovery Limits	Flag	
Chlorooctadecane (COD)	49.7	40-140		7/16/12 15:35
o-Terphenyl (OTP)	58.4	40-140		7/16/12 15:35
2-Bromonaphthalene	83.5	40-140		7/16/12 15:35
2-Fluorobiphenyl	85.3	40-140		7/16/12 15:35

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

Project Location: Franklin, MA | Sample Description: | Work Order: 12G0278

Date Received: 7/10/2012

Field Sample #: 1028120710-01 | Sampled: 7/10/2012 11:40

Sample ID: 12G0278-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	3.8	mg/Kg dry	1		SW-846 6010C	7/11/12	7/11/12 17:16	KSH
Arsenic	ND	3.8	mg/Kg dry	1		SW-846 6010C	7/11/12	7/11/12 17:16	KSH
Barium	190	3.8	mg/Kg dry	1		SW-846 6010C	7/11/12	7/11/12 17:16	KSH
Beryllium	0.69	0.38	mg/Kg dry	1		SW-846 6010C	7/11/12	7/11/12 17:16	KSH
Cadmium	ND	0.38	mg/Kg dry	1		SW-846 6010C	7/11/12	7/11/12 17:16	KSH
Chromium	83	0.75	mg/Kg dry	1		SW-846 6010C	7/11/12	7/11/12 17:16	KSH
Lead	290	1.1	mg/Kg dry	1		SW-846 6010C	7/11/12	7/11/12 17:16	KSH
Mercury	0.65	0.076	mg/Kg dry	2		SW-846 7471B	7/11/12	7/11/12 13:59	SAJ
Nickel	12	0.75	mg/Kg dry	1		SW-846 6010C	7/11/12	7/11/12 17:16	KSH
Selenium	ND	7.5	mg/Kg dry	1		SW-846 6010C	7/11/12	7/11/12 17:16	KSH
Silver	ND	0.75	mg/Kg dry	1		SW-846 6010C	7/11/12	7/12/12 11:14	KSH
Thallium	ND	3.8	mg/Kg dry	1		SW-846 6010C	7/11/12	7/11/12 17:16	KSH
Vanadium	8.2	1.5	mg/Kg dry	1		SW-846 6010C	7/11/12	7/11/12 17:16	KSH
Zinc	150	1.5	mg/Kg dry	1		SW-846 6010C	7/11/12	7/11/12 17:16	KSH

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

Project Location: Franklin, MA | Sample Description: | Work Order: 12G0278

Date Received: 7/10/2012

Field Sample #: 1028120710-01 | Sampled: 7/10/2012 11:40

Sample ID: 12G0278-01

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	64.0		% Wt	1		SM 2540G	7/13/12	7/14/12 8:45	CMF

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Project Location: Franklin, MA | Sample Description: | Work Order: 12G0278

Date Received: 7/10/2012

Field Sample #: 1028120710-02 | Sampled: 7/10/2012 11:50

Sample ID: 12G0278-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.16	mg/Kg dry	1	V-16	SW-846 8260C	7/11/12	7/11/12 13:05	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0016	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
Benzene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
Bromobenzene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
Bromochloromethane	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
Bromodichloromethane	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
Bromoform	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
Bromomethane	ND	0.016	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
2-Butanone (MEK)	ND	0.066	mg/Kg dry	1	V-16	SW-846 8260C	7/11/12	7/11/12 13:05	MFF
n-Butylbenzene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
sec-Butylbenzene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
tert-Butylbenzene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0016	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
Carbon Disulfide	ND	0.0099	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
Carbon Tetrachloride	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
Chlorobenzene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
Chlorodibromomethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
Chloroethane	ND	0.016	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
Chloroform	ND	0.0066	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
Chloromethane	ND	0.016	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
2-Chlorotoluene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
4-Chlorotoluene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
1,2-Dibromoethane (EDB)	ND	0.0016	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
Dibromomethane	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
1,2-Dichlorobenzene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
1,3-Dichlorobenzene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
1,4-Dichlorobenzene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.016	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
1,1-Dichloroethane	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
1,2-Dichloroethane	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
1,1-Dichloroethylene	ND	0.0066	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
cis-1,2-Dichloroethylene	0.0094	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
trans-1,2-Dichloroethylene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
1,2-Dichloropropane	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
1,3-Dichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
2,2-Dichloropropane	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
1,1-Dichloropropene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
cis-1,3-Dichloropropene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
trans-1,3-Dichloropropene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
Diethyl Ether	ND	0.016	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
Diisopropyl Ether (DIPE)	ND	0.0016	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
1,4-Dioxane	ND	0.16	mg/Kg dry	1	V-16	SW-846 8260C	7/11/12	7/11/12 13:05	MFF
Ethylbenzene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF

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

Project Location: Franklin, MA | Sample Description: | Work Order: 12G0278

Date Received: 7/10/2012

Field Sample #: 1028120710-02 | Sampled: 7/10/2012 11:50

Sample ID: 12G0278-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
2-Hexanone (MBK)	ND	0.033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
Isopropylbenzene (Cumene)	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0066	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
Methylene Chloride	ND	0.016	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
Naphthalene	ND	0.0066	mg/Kg dry	1	V-05	SW-846 8260C	7/11/12	7/11/12 13:05	MFF
n-Propylbenzene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
Styrene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
1,1,1,2-Tetrachloroethane	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
1,1,2,2-Tetrachloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
Tetrachloroethylene	0.022	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
Tetrahydrofuran	ND	0.016	mg/Kg dry	1	V-16	SW-846 8260C	7/11/12	7/11/12 13:05	MFF
Toluene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
1,2,3-Trichlorobenzene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
1,2,4-Trichlorobenzene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
1,1,1-Trichloroethane	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
1,1,2-Trichloroethane	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
Trichloroethylene	0.017	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
Trichlorofluoromethane (Freon 11)	ND	0.016	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
1,2,3-Trichloropropane	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
1,2,4-Trimethylbenzene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
1,3,5-Trimethylbenzene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
Vinyl Chloride	ND	0.016	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
m+p Xylene	ND	0.0066	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF
o-Xylene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	7/11/12	7/11/12 13:05	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	111	70-130		7/11/12 13:05
Toluene-d8	97.2	70-130		7/11/12 13:05
4-Bromofluorobenzene	97.2	70-130		7/11/12 13:05

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

Project Location: Franklin, MA | Sample Description: | Work Order: 12G0278

Date Received: 7/10/2012

Field Sample #: 1028120710-02 | Sampled: 7/10/2012 11:50

Sample ID: 12G0278-02

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	87	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:56	CJM
C19-C36 Aliphatics	390	87	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:56	CJM
Unadjusted C11-C22 Aromatics	230	87	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:56	CJM
C11-C22 Aromatics	190	87	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:56	CJM
Acenaphthene	ND	0.87	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:56	CJM
Acenaphthylene	ND	0.87	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:56	CJM
Anthracene	1.1	0.87	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:56	CJM
Benzo(a)anthracene	2.6	0.87	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:56	CJM
Benzo(a)pyrene	2.3	0.87	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:56	CJM
Benzo(b)fluoranthene	3.1	0.87	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:56	CJM
Benzo(g,h,i)perylene	1.5	0.87	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:56	CJM
Benzo(k)fluoranthene	1.2	0.87	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:56	CJM
Chrysene	2.7	0.87	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:56	CJM
Dibenz(a,h)anthracene	ND	0.87	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:56	CJM
Fluoranthene	5.6	0.87	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:56	CJM
Fluorene	ND	0.87	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:56	CJM
Indeno(1,2,3-cd)pyrene	1.4	0.87	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:56	CJM
2-Methylnaphthalene	ND	0.87	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:56	CJM
Naphthalene	ND	0.87	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:56	CJM
Phenanthrene	5.0	0.87	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:56	CJM
Pyrene	5.3	0.87	mg/Kg dry	5		MADEP-EPH-04-1.1	7/13/12	7/16/12 15:56	CJM

Surrogates	% Recovery	Recovery Limits	Flag	
Chlorooctadecane (COD)	90.4	40-140		7/16/12 15:56
o-Terphenyl (OTP)	85.2	40-140		7/16/12 15:56
2-Bromonaphthalene	92.6	40-140		7/16/12 15:56
2-Fluorobiphenyl	93.3	40-140		7/16/12 15:56

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Franklin, MA | Sample Description: | Work Order: 12G0278

Date Received: 7/10/2012

Field Sample #: 1028120710-02 | Sampled: 7/10/2012 11:50

Sample ID: 12G0278-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	8.2	4.1	mg/Kg dry	1		SW-846 6010C	7/11/12	7/11/12 17:36	KSH
Arsenic	ND	4.1	mg/Kg dry	1		SW-846 6010C	7/11/12	7/11/12 17:36	KSH
Barium	230	4.1	mg/Kg dry	1		SW-846 6010C	7/11/12	7/11/12 17:36	KSH
Beryllium	2.3	0.41	mg/Kg dry	1		SW-846 6010C	7/11/12	7/11/12 17:36	KSH
Cadmium	0.43	0.41	mg/Kg dry	1		SW-846 6010C	7/11/12	7/11/12 17:36	KSH
Chromium	120	0.83	mg/Kg dry	1		SW-846 6010C	7/11/12	7/11/12 17:36	KSH
Lead	380	1.2	mg/Kg dry	1		SW-846 6010C	7/11/12	7/11/12 17:36	KSH
Mercury	1.2	0.22	mg/Kg dry	5		SW-846 7471B	7/11/12	7/11/12 14:01	SAJ
Nickel	17	0.83	mg/Kg dry	1		SW-846 6010C	7/11/12	7/11/12 17:36	KSH
Selenium	ND	8.3	mg/Kg dry	1		SW-846 6010C	7/11/12	7/11/12 17:36	KSH
Silver	ND	0.83	mg/Kg dry	1		SW-846 6010C	7/11/12	7/12/12 11:43	KSH
Thallium	ND	4.1	mg/Kg dry	1		SW-846 6010C	7/11/12	7/11/12 17:36	KSH
Vanadium	11	1.7	mg/Kg dry	1		SW-846 6010C	7/11/12	7/11/12 17:36	KSH
Zinc	200	1.7	mg/Kg dry	1		SW-846 6010C	7/11/12	7/11/12 17:36	KSH

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

Project Location: Franklin, MA | Sample Description: | Work Order: 12G0278

Date Received: 7/10/2012

Field Sample #: 1028120710-02 | Sampled: 7/10/2012 11:50

Sample ID: 12G0278-02

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	56.6		% Wt	1		SM 2540G	7/13/12	7/14/12 8:45	CMF

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Project Location: Franklin, MA | Sample Description: | Work Order: 12G0278

Date Received: 7/10/2012

Field Sample #: 1028120710-03 | Sampled: 7/10/2012 12:05

Sample ID: 12G0278-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	20	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
Bromomethane	ND	5.0	µg/L	1	RL-07	SW-846 8260C	7/11/12	7/12/12 9:28	TJR
2-Butanone (MEK)	ND	10	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
n-Butylbenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	7/11/12	7/12/12 9:28	TJR
sec-Butylbenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	7/11/12	7/12/12 9:28	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
Carbon Disulfide	ND	5.0	µg/L	1	RL-07	SW-846 8260C	7/11/12	7/12/12 9:28	TJR
Carbon Tetrachloride	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
Chloromethane	ND	5.0	µg/L	1	RL-07	SW-846 8260C	7/11/12	7/12/12 9:28	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
cis-1,2-Dichloroethylene	2.3	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	7/11/12	7/12/12 9:28	TJR
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
cis-1,3-Dichloropropene	ND	0.40	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
trans-1,3-Dichloropropene	ND	0.40	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	7/11/12	7/12/12 9:28	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR

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

Project Location: Franklin, MA | Sample Description: | Work Order: 12G0278

Date Received: 7/10/2012

Field Sample #: 1028120710-03 | Sampled: 7/10/2012 12:05

Sample ID: 12G0278-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.50	µg/L	1	V-05	SW-846 8260C	7/11/12	7/12/12 9:28	TJR
2-Hexanone (MBK)	ND	20	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1	V-05	SW-846 8260C	7/11/12	7/12/12 9:28	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
Methylene Chloride	ND	5.0	µg/L	1	RL-07	SW-846 8260C	7/11/12	7/12/12 9:28	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
Tetrahydrofuran	ND	2.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
1,2,3-Trichlorobenzene	ND	2.0	µg/L	1	V-05	SW-846 8260C	7/11/12	7/12/12 9:28	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	7/11/12	7/12/12 9:28	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:28	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	88.1	70-130		7/12/12 9:28
Toluene-d8	97.6	70-130		7/12/12 9:28
4-Bromofluorobenzene	101	70-130		7/12/12 9:28

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

Project Location: Franklin, MA | Sample Description: | Work Order: 12G0278

Date Received: 7/10/2012

Field Sample #: 1028120710-03 | Sampled: 7/10/2012 12:05

Sample ID: 12G0278-03

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/16/12 19:49	CJM
C19-C36 Aliphatics	320	100	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/16/12 19:49	CJM
Unadjusted C11-C22 Aromatics	120	100	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/16/12 19:49	CJM
C11-C22 Aromatics	120	100	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/16/12 19:49	CJM
Acenaphthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/16/12 19:49	CJM
Acenaphthylene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/16/12 19:49	CJM
Anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/16/12 19:49	CJM
Benzo(a)anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/16/12 19:49	CJM
Benzo(a)pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/16/12 19:49	CJM
Benzo(b)fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/16/12 19:49	CJM
Benzo(g,h,i)perylene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/16/12 19:49	CJM
Benzo(k)fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/16/12 19:49	CJM
Chrysene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/16/12 19:49	CJM
Dibenz(a,h)anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/16/12 19:49	CJM
Fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/16/12 19:49	CJM
Fluorene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/16/12 19:49	CJM
Indeno(1,2,3-cd)pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/16/12 19:49	CJM
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/16/12 19:49	CJM
Naphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/16/12 19:49	CJM
Phenanthrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/16/12 19:49	CJM
Pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/16/12 19:49	CJM

Surrogates	% Recovery	Recovery Limits	Flag	
Chlorooctadecane (COD)	58.3	40-140		7/16/12 19:49
o-Terphenyl (OTP)	81.8	40-140		7/16/12 19:49
2-Bromonaphthalene	92.0	40-140		7/16/12 19:49
2-Fluorobiphenyl	91.4	40-140		7/16/12 19:49

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

Project Location: Franklin, MA | Sample Description: | Work Order: 12G0278

Date Received: 7/10/2012

Field Sample #: 1028120710-03 | Sampled: 7/10/2012 12:05

Sample ID: 12G0278-03

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	1.7	1.0	µg/L	1		SW-846 6020A	7/16/12	7/16/12 16:14	KSH
Arsenic	1.3	0.40	µg/L	1		SW-846 6020A	7/16/12	7/16/12 16:14	KSH
Barium	150	50	µg/L	5		SW-846 6020A	7/16/12	7/16/12 16:03	KSH
Beryllium	0.82	0.40	µg/L	1		SW-846 6020A	7/16/12	7/16/12 16:14	KSH
Cadmium	ND	0.50	µg/L	1		SW-846 6020A	7/16/12	7/16/12 16:14	KSH
Chromium	21	1.0	µg/L	1		SW-846 6020A	7/16/12	7/16/12 16:14	KSH
Lead	63	1.0	µg/L	1		SW-846 6020A	7/16/12	7/16/12 16:14	KSH
Mercury	0.00048	0.00010	mg/L	1		SW-846 7470A	7/11/12	7/11/12 12:15	SAJ
Nickel	13	5.0	µg/L	1		SW-846 6020A	7/16/12	7/16/12 16:14	KSH
Selenium	ND	5.0	µg/L	1		SW-846 6020A	7/16/12	7/16/12 16:14	KSH
Silver	ND	0.50	µg/L	1		SW-846 6020A	7/16/12	7/16/12 16:14	KSH
Thallium	ND	0.20	µg/L	1		SW-846 6020A	7/16/12	7/16/12 16:14	KSH
Vanadium	ND	5.0	µg/L	1		SW-846 6020A	7/16/12	7/16/12 16:14	KSH
Zinc	60	10	µg/L	1		SW-846 6020A	7/16/12	7/16/12 16:14	KSH

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

Project Location: Franklin, MA | Sample Description: | Work Order: 12G0278

Date Received: 7/10/2012

Field Sample #: 1028120710-04 | Sampled: 7/10/2012 12:15

Sample ID: 12G0278-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	20	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
Bromomethane	ND	5.0	µg/L	1	RL-07	SW-846 8260C	7/11/12	7/12/12 9:59	TJR
2-Butanone (MEK)	ND	10	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
n-Butylbenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	7/11/12	7/12/12 9:59	TJR
sec-Butylbenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	7/11/12	7/12/12 9:59	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
Carbon Disulfide	ND	5.0	µg/L	1	RL-07	SW-846 8260C	7/11/12	7/12/12 9:59	TJR
Carbon Tetrachloride	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
Chloromethane	ND	5.0	µg/L	1	RL-07	SW-846 8260C	7/11/12	7/12/12 9:59	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
cis-1,2-Dichloroethylene	3.4	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	7/11/12	7/12/12 9:59	TJR
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
cis-1,3-Dichloropropene	ND	0.40	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
trans-1,3-Dichloropropene	ND	0.40	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	7/11/12	7/12/12 9:59	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Franklin, MA | Sample Description: | Work Order: 12G0278

Date Received: 7/10/2012

Field Sample #: 1028120710-04 | Sampled: 7/10/2012 12:15

Sample ID: 12G0278-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.50	µg/L	1	V-05	SW-846 8260C	7/11/12	7/12/12 9:59	TJR
2-Hexanone (MBK)	ND	20	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1	V-05	SW-846 8260C	7/11/12	7/12/12 9:59	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
Methylene Chloride	ND	5.0	µg/L	1	RL-07	SW-846 8260C	7/11/12	7/12/12 9:59	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
Tetrahydrofuran	ND	2.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
1,2,3-Trichlorobenzene	ND	2.0	µg/L	1	V-05	SW-846 8260C	7/11/12	7/12/12 9:59	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	7/11/12	7/12/12 9:59	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	7/11/12	7/12/12 9:59	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	88.8	70-130		7/12/12 9:59
Toluene-d8	100	70-130		7/12/12 9:59
4-Bromofluorobenzene	99.2	70-130		7/12/12 9:59

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Franklin, MA | Sample Description: | Work Order: 12G0278

Date Received: 7/10/2012

Field Sample #: 1028120710-04 | Sampled: 7/10/2012 12:15

Sample ID: 12G0278-04

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	160	100	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/17/12 12:01	CJM
C19-C36 Aliphatics	210	100	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/17/12 12:01	CJM
Unadjusted C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/17/12 12:01	CJM
C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/17/12 12:01	CJM
Acenaphthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/17/12 12:01	CJM
Acenaphthylene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/17/12 12:01	CJM
Anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/17/12 12:01	CJM
Benzo(a)anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/17/12 12:01	CJM
Benzo(a)pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/17/12 12:01	CJM
Benzo(b)fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/17/12 12:01	CJM
Benzo(g,h,i)perylene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/17/12 12:01	CJM
Benzo(k)fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/17/12 12:01	CJM
Chrysene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/17/12 12:01	CJM
Dibenz(a,h)anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/17/12 12:01	CJM
Fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/17/12 12:01	CJM
Fluorene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/17/12 12:01	CJM
Indeno(1,2,3-cd)pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/17/12 12:01	CJM
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/17/12 12:01	CJM
Naphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/17/12 12:01	CJM
Phenanthrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/17/12 12:01	CJM
Pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/13/12	7/17/12 12:01	CJM

Surrogates	% Recovery	Recovery Limits	Flag	
Chlorooctadecane (COD)	80.8	40-140		7/17/12 12:01
o-Terphenyl (OTP)	72.2	40-140		7/17/12 12:01
2-Bromonaphthalene	83.1	40-140		7/17/12 12:01
2-Fluorobiphenyl	82.9	40-140		7/17/12 12:01

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

Project Location: Franklin, MA | Sample Description: | Work Order: 12G0278

Date Received: 7/10/2012

Field Sample #: 1028120710-04 | Sampled: 7/10/2012 12:15

Sample ID: 12G0278-04

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	1.4	1.0	µg/L	1		SW-846 6020A	7/16/12	7/16/12 15:43	KSH
Arsenic	0.85	0.40	µg/L	1		SW-846 6020A	7/16/12	7/16/12 15:43	KSH
Barium	140	50	µg/L	5		SW-846 6020A	7/16/12	7/16/12 16:06	KSH
Beryllium	1.1	0.40	µg/L	1		SW-846 6020A	7/16/12	7/16/12 15:43	KSH
Cadmium	ND	0.50	µg/L	1		SW-846 6020A	7/16/12	7/16/12 15:43	KSH
Chromium	21	1.0	µg/L	1		SW-846 6020A	7/16/12	7/16/12 15:43	KSH
Lead	70	1.0	µg/L	1		SW-846 6020A	7/16/12	7/16/12 15:43	KSH
Mercury	0.00017	0.00010	mg/L	1		SW-846 7470A	7/11/12	7/11/12 12:16	SAJ
Nickel	13	5.0	µg/L	1		SW-846 6020A	7/16/12	7/16/12 15:43	KSH
Selenium	ND	5.0	µg/L	1		SW-846 6020A	7/16/12	7/16/12 15:43	KSH
Silver	ND	0.50	µg/L	1		SW-846 6020A	7/16/12	7/16/12 15:43	KSH
Thallium	ND	0.20	µg/L	1		SW-846 6020A	7/16/12	7/16/12 15:43	KSH
Vanadium	ND	5.0	µg/L	1		SW-846 6020A	7/16/12	7/16/12 15:43	KSH
Zinc	55	10	µg/L	1		SW-846 6020A	7/16/12	7/16/12 15:43	KSH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Franklin, MA | Sample Description: Trip Blank | Work Order: 12G0278

Date Received: 7/10/2012

Field Sample #: 1028120710-05 | Sampled: 7/10/2012 12:45

Sample ID: 12G0278-05

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	2.5	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.025	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
Benzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
Bromobenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
Bromochloromethane	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
Bromodichloromethane	ND	0.10	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
Bromoform	ND	0.25	mg/Kg wet	1	RL-07	SW-846 8260C	7/11/12	7/11/12 20:39	MFF
Bromomethane	ND	0.25	mg/Kg wet	1	RL-07	SW-846 8260C	7/11/12	7/11/12 20:39	MFF
2-Butanone (MEK)	ND	1.0	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
n-Butylbenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
sec-Butylbenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
tert-Butylbenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.025	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
Carbon Disulfide	ND	0.50	mg/Kg wet	1	RL-07	SW-846 8260C	7/11/12	7/11/12 20:39	MFF
Carbon Tetrachloride	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
Chlorobenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
Chlorodibromomethane	ND	0.25	mg/Kg wet	1	RL-07	SW-846 8260C	7/11/12	7/11/12 20:39	MFF
Chloroethane	ND	0.10	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
Chloroform	ND	0.10	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
Chloromethane	ND	0.10	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
2-Chlorotoluene	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
4-Chlorotoluene	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.25	mg/Kg wet	1	RL-07	SW-846 8260C	7/11/12	7/11/12 20:39	MFF
1,2-Dibromoethane (EDB)	ND	0.025	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
Dibromomethane	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
1,2-Dichlorobenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
1,3-Dichlorobenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
1,4-Dichlorobenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
1,1-Dichloroethane	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
1,2-Dichloroethane	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
1,1-Dichloroethylene	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
trans-1,2-Dichloroethylene	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
1,2-Dichloropropane	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
1,3-Dichloropropane	ND	0.025	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
2,2-Dichloropropane	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
1,1-Dichloropropene	ND	0.10	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
cis-1,3-Dichloropropene	ND	0.10	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
trans-1,3-Dichloropropene	ND	0.25	mg/Kg wet	1	RL-07	SW-846 8260C	7/11/12	7/11/12 20:39	MFF
Diethyl Ether	ND	0.10	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
Diisopropyl Ether (DIPE)	ND	0.025	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
1,4-Dioxane	ND	2.5	mg/Kg wet	1	V-16	SW-846 8260C	7/11/12	7/11/12 20:39	MFF
Ethylbenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Franklin, MA | Sample Description: Trip Blank | Work Order: 12G0278

Date Received: 7/10/2012

Field Sample #: 1028120710-05 | Sampled: 7/10/2012 12:45

Sample ID: 12G0278-05

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
2-Hexanone (MBK)	ND	0.50	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
Isopropylbenzene (Cumene)	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
Methylene Chloride	ND	0.25	mg/Kg wet	1	RL-07	SW-846 8260C	7/11/12	7/11/12 20:39	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.50	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
Naphthalene	ND	0.10	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
n-Propylbenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
Styrene	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
1,1,1,2-Tetrachloroethane	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
Tetrachloroethylene	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
Tetrahydrofuran	ND	0.20	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
Toluene	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
1,2,3-Trichlorobenzene	ND	0.20	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
1,2,4-Trichlorobenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
1,1,1-Trichloroethane	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
1,1,2-Trichloroethane	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
Trichloroethylene	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
1,2,4-Trimethylbenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
1,3,5-Trimethylbenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
Vinyl Chloride	ND	0.10	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
m+p Xylene	ND	0.10	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF
o-Xylene	ND	0.050	mg/Kg wet	1		SW-846 8260C	7/11/12	7/11/12 20:39	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	98.1	70-130		7/11/12 20:39
Toluene-d8	98.7	70-130		7/11/12 20:39
4-Bromofluorobenzene	102	70-130		7/11/12 20:39

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Sample Extraction Data

Prep Method: SW-846 3546-MADEP-EPH-04-1.1

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12G0278-01 [1028120710-01]	B054946	20.3	2.00	07/13/12
12G0278-02 [1028120710-02]	B054946	20.3	2.00	07/13/12

Prep Method: SW-846 3510C-MADEP-EPH-04-1.1

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12G0278-03 [1028120710-03]	B055019	1000	2.00	07/13/12
12G0278-04 [1028120710-04]	B055019	1000	2.00	07/13/12

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12G0278-01 [1028120710-01]	B055090	07/13/12
12G0278-02 [1028120710-02]	B055090	07/13/12

Prep Method: SW-846 3050B-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12G0278-01 [1028120710-01]	B054796	1.04	50.0	07/11/12
12G0278-02 [1028120710-02]	B054796	1.07	50.0	07/11/12

Prep Method: SW-846 3005A-SW-846 6020A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12G0278-03 [1028120710-03]	B055138	50.0	50.0	07/16/12
12G0278-04 [1028120710-04]	B055138	50.0	50.0	07/16/12

Prep Method: SW-846 7470A Prep-SW-846 7470A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12G0278-03 [1028120710-03]	B054799	6.00	6.00	07/11/12
12G0278-04 [1028120710-04]	B054799	6.00	6.00	07/11/12

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12G0278-01 [1028120710-01]	B054797	0.618	50.0	07/11/12
12G0278-02 [1028120710-02]	B054797	0.610	50.0	07/11/12

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
12G0278-05 [1028120710-05]	B054835	15.0	15.0	1	50	07/11/12

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Sample Extraction Data

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12G0278-01 [1028120710-01]	B054852	5.41	10.0	07/11/12
12G0278-02 [1028120710-02]	B054852	5.37	10.0	07/11/12

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12G0278-03 [1028120710-03]	B054842	5	5.00	07/11/12
12G0278-04 [1028120710-04]	B054842	5	5.00	07/11/12

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B054835 - SW-846 5035										
Blank (B054835-BLK1)				Prepared & Analyzed: 07/11/12						
Acetone	ND	2.5	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.025	mg/Kg wet							
Benzene	ND	0.050	mg/Kg wet							
Bromobenzene	ND	0.050	mg/Kg wet							
Bromochloromethane	ND	0.050	mg/Kg wet							
Bromodichloromethane	ND	0.10	mg/Kg wet							
Bromoform	ND	0.25	mg/Kg wet							
Bromomethane	ND	0.25	mg/Kg wet							
2-Butanone (MEK)	ND	1.0	mg/Kg wet							
n-Butylbenzene	ND	0.050	mg/Kg wet							
sec-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.025	mg/Kg wet							
Carbon Disulfide	ND	0.50	mg/Kg wet							
Carbon Tetrachloride	ND	0.050	mg/Kg wet							
Chlorobenzene	ND	0.050	mg/Kg wet							
Chlorodibromomethane	ND	0.25	mg/Kg wet							
Chloroethane	ND	0.10	mg/Kg wet							
Chloroform	ND	0.10	mg/Kg wet							
Chloromethane	ND	0.10	mg/Kg wet							
2-Chlorotoluene	ND	0.050	mg/Kg wet							
4-Chlorotoluene	ND	0.050	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.25	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.025	mg/Kg wet							
Dibromomethane	ND	0.050	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.050	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet							
1,1-Dichloroethane	ND	0.050	mg/Kg wet							
1,2-Dichloroethane	ND	0.050	mg/Kg wet							
1,1-Dichloroethylene	ND	0.050	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
1,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,3-Dichloropropane	ND	0.025	mg/Kg wet							
2,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,1-Dichloropropene	ND	0.10	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.10	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.25	mg/Kg wet							
Diethyl Ether	ND	0.10	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.025	mg/Kg wet							
1,4-Dioxane	ND	2.5	mg/Kg wet							V-16
Ethylbenzene	ND	0.050	mg/Kg wet							
Hexachlorobutadiene	ND	0.050	mg/Kg wet							
2-Hexanone (MBK)	ND	0.50	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.050	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.050	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet							
Methylene Chloride	ND	0.25	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.50	mg/Kg wet							
Naphthalene	ND	0.10	mg/Kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B054835 - SW-846 5035											
Blank (B054835-BLK1)				Prepared & Analyzed: 07/11/12							
n-Propylbenzene	ND	0.050	mg/Kg wet								
Styrene	ND	0.050	mg/Kg wet								
1,1,1,2-Tetrachloroethane	ND	0.050	mg/Kg wet								
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet								
Tetrachloroethylene	ND	0.050	mg/Kg wet								
Tetrahydrofuran	ND	0.20	mg/Kg wet								
Toluene	ND	0.050	mg/Kg wet								
1,2,3-Trichlorobenzene	ND	0.20	mg/Kg wet								
1,2,4-Trichlorobenzene	ND	0.050	mg/Kg wet								
1,1,1-Trichloroethane	ND	0.050	mg/Kg wet								
1,1,2-Trichloroethane	ND	0.050	mg/Kg wet								
Trichloroethylene	ND	0.050	mg/Kg wet								
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet								
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet								
1,2,4-Trimethylbenzene	ND	0.050	mg/Kg wet								
1,3,5-Trimethylbenzene	ND	0.050	mg/Kg wet								
Vinyl Chloride	ND	0.10	mg/Kg wet								
m+p Xylene	ND	0.10	mg/Kg wet								
o-Xylene	ND	0.050	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0243*		mg/Kg wet	0.0250		97.3	70-130				
Surrogate: Toluene-d8	*0.0246*		mg/Kg wet	0.0250		98.3	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0253*		mg/Kg wet	0.0250		101	70-130				
LCS (B054835-BS1)				Prepared & Analyzed: 07/11/12							
Acetone	0.107	0.057	mg/Kg wet	0.113		94.9	40-160				†
tert-Amyl Methyl Ether (TAME)	0.0125	0.00057	mg/Kg wet	0.0113		110	70-130				
Benzene	0.0116	0.0011	mg/Kg wet	0.0113		103	70-130				
Bromobenzene	0.0122	0.0011	mg/Kg wet	0.0113		107	70-130				
Bromochloromethane	0.0124	0.0011	mg/Kg wet	0.0113		109	70-130				
Bromodichloromethane	0.00983	0.0023	mg/Kg wet	0.0113		86.7	70-130				
Bromoform	0.0103	0.0057	mg/Kg wet	0.0113		91.1	70-130				
Bromomethane	0.00765	0.0057	mg/Kg wet	0.0113		67.5	40-160			L-14, V-20	†
2-Butanone (MEK)	0.118	0.023	mg/Kg wet	0.113		104	40-160				†
n-Butylbenzene	0.0121	0.0011	mg/Kg wet	0.0113		107	70-130				
sec-Butylbenzene	0.0131	0.0011	mg/Kg wet	0.0113		116	70-130				
tert-Butylbenzene	0.0129	0.0011	mg/Kg wet	0.0113		114	70-130				
tert-Butyl Ethyl Ether (TBEE)	0.0124	0.00057	mg/Kg wet	0.0113		110	70-130				
Carbon Disulfide	0.0123	0.011	mg/Kg wet	0.0113		109	70-130				
Carbon Tetrachloride	0.0110	0.0011	mg/Kg wet	0.0113		97.1	70-130				
Chlorobenzene	0.0127	0.0011	mg/Kg wet	0.0113		112	70-130				
Chlorodibromomethane	0.00958	0.0057	mg/Kg wet	0.0113		84.5	70-130				
Chloroethane	0.0102	0.0023	mg/Kg wet	0.0113		89.6	70-130				
Chloroform	0.0119	0.0023	mg/Kg wet	0.0113		105	70-130				
Chloromethane	0.00949	0.0023	mg/Kg wet	0.0113		83.7	40-160				†
2-Chlorotoluene	0.0129	0.0011	mg/Kg wet	0.0113		113	70-130				
4-Chlorotoluene	0.0133	0.0011	mg/Kg wet	0.0113		117	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0115	0.0057	mg/Kg wet	0.0113		102	70-130				
1,2-Dibromoethane (EDB)	0.0122	0.00057	mg/Kg wet	0.0113		108	70-130				
Dibromomethane	0.0121	0.0011	mg/Kg wet	0.0113		107	70-130				
1,2-Dichlorobenzene	0.0131	0.0011	mg/Kg wet	0.0113		116	70-130				
1,3-Dichlorobenzene	0.0128	0.0011	mg/Kg wet	0.0113		113	70-130				
1,4-Dichlorobenzene	0.0116	0.0011	mg/Kg wet	0.0113		102	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B054835 - SW-846 5035											
LCS (B054835-BS1)				Prepared & Analyzed: 07/11/12							
Dichlorodifluoromethane (Freon 12)	0.00730	0.0023	mg/Kg wet	0.0113		64.4	40-160			L-14	†
1,1-Dichloroethane	0.0121	0.0011	mg/Kg wet	0.0113		107	70-130				
1,2-Dichloroethane	0.0116	0.0011	mg/Kg wet	0.0113		103	70-130				
1,1-Dichloroethylene	0.0112	0.0011	mg/Kg wet	0.0113		99.0	70-130				
cis-1,2-Dichloroethylene	0.0109	0.0011	mg/Kg wet	0.0113		96.6	70-130				
trans-1,2-Dichloroethylene	0.0113	0.0011	mg/Kg wet	0.0113		100	70-130				
1,2-Dichloropropane	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130				
1,3-Dichloropropane	0.0117	0.00057	mg/Kg wet	0.0113		103	70-130				
2,2-Dichloropropane	0.0105	0.0011	mg/Kg wet	0.0113		92.7	70-130				
1,1-Dichloropropene	0.0122	0.0023	mg/Kg wet	0.0113		108	70-130				
cis-1,3-Dichloropropene	0.0102	0.0023	mg/Kg wet	0.0113		89.9	70-130				
trans-1,3-Dichloropropene	0.0106	0.0057	mg/Kg wet	0.0113		93.5	70-130				
Diethyl Ether	0.0114	0.0023	mg/Kg wet	0.0113		101	70-130				
Diisopropyl Ether (DIPE)	0.0126	0.00057	mg/Kg wet	0.0113		112	70-130				
1,4-Dioxane	0.135	0.057	mg/Kg wet	0.113		119	40-160			V-16, V-20	†
Ethylbenzene	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130				
Hexachlorobutadiene	0.0123	0.0011	mg/Kg wet	0.0113		108	70-130				
2-Hexanone (MBK)	0.128	0.011	mg/Kg wet	0.113		113	40-160			V-20	†
Isopropylbenzene (Cumene)	0.0134	0.0011	mg/Kg wet	0.0113		118	70-130				
p-Isopropyltoluene (p-Cymene)	0.0123	0.0011	mg/Kg wet	0.0113		109	70-130				
Methyl tert-Butyl Ether (MTBE)	0.0129	0.0011	mg/Kg wet	0.0113		114	70-130				
Methylene Chloride	0.0123	0.0057	mg/Kg wet	0.0113		108	70-130				
4-Methyl-2-pentanone (MIBK)	0.128	0.011	mg/Kg wet	0.113		113	40-160				†
Naphthalene	0.0116	0.0023	mg/Kg wet	0.0113		102	70-130				
n-Propylbenzene	0.0133	0.0011	mg/Kg wet	0.0113		117	70-130				
Styrene	0.0129	0.0011	mg/Kg wet	0.0113		113	70-130				
1,1,1,2-Tetrachloroethane	0.0116	0.0011	mg/Kg wet	0.0113		103	70-130				
1,1,2,2-Tetrachloroethane	0.0126	0.00057	mg/Kg wet	0.0113		112	70-130				
Tetrachloroethylene	0.0117	0.0011	mg/Kg wet	0.0113		104	70-130				
Tetrahydrofuran	0.0143	0.0045	mg/Kg wet	0.0113		126	70-130				
Toluene	0.0118	0.0011	mg/Kg wet	0.0113		104	70-130				
1,2,3-Trichlorobenzene	0.0126	0.0045	mg/Kg wet	0.0113		112	70-130				
1,2,4-Trichlorobenzene	0.0122	0.0011	mg/Kg wet	0.0113		108	70-130				
1,1,1-Trichloroethane	0.0117	0.0011	mg/Kg wet	0.0113		103	70-130				
1,1,2-Trichloroethane	0.0118	0.0011	mg/Kg wet	0.0113		104	70-130				
Trichloroethylene	0.0118	0.0011	mg/Kg wet	0.0113		104	70-130				
Trichlorofluoromethane (Freon 11)	0.0107	0.0023	mg/Kg wet	0.0113		94.5	70-130				
1,2,3-Trichloropropane	0.0129	0.0023	mg/Kg wet	0.0113		114	70-130				
1,2,4-Trimethylbenzene	0.0121	0.0011	mg/Kg wet	0.0113		107	70-130				
1,3,5-Trimethylbenzene	0.0122	0.0011	mg/Kg wet	0.0113		108	70-130				
Vinyl Chloride	0.00976	0.0023	mg/Kg wet	0.0113		86.1	70-130				
m+p Xylene	0.0257	0.0023	mg/Kg wet	0.0227		113	70-130				
o-Xylene	0.0133	0.0011	mg/Kg wet	0.0113		118	70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0276*		mg/Kg wet	0.0283		97.5	70-130				
Surrogate: Toluene-d8	*0.0280*		mg/Kg wet	0.0283		99.0	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0286*		mg/Kg wet	0.0283		101	70-130				

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B054835 - SW-846 5035											
LCS Dup (B054835-BSD1)				Prepared & Analyzed: 07/11/12							
Acetone	0.107	0.057	mg/Kg wet	0.113		94.6	40-160	0.222	20		†
tert-Amyl Methyl Ether (TAME)	0.0124	0.00057	mg/Kg wet	0.0113		110	70-130	0.456	20		
Benzene	0.0113	0.0011	mg/Kg wet	0.0113		100	70-130	2.57	20		
Bromobenzene	0.0118	0.0011	mg/Kg wet	0.0113		104	70-130	2.64	20		
Bromochloromethane	0.0122	0.0011	mg/Kg wet	0.0113		108	70-130	1.38	20		
Bromodichloromethane	0.00978	0.0023	mg/Kg wet	0.0113		86.3	70-130	0.462	20		
Bromoform	0.0104	0.0057	mg/Kg wet	0.0113		91.7	70-130	0.656	20		
Bromomethane	0.00832	0.0057	mg/Kg wet	0.0113		73.4	40-160	8.37	20	V-20	†
2-Butanone (MEK)	0.119	0.023	mg/Kg wet	0.113		105	40-160	0.592	20		†
n-Butylbenzene	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130	1.61	20		
sec-Butylbenzene	0.0130	0.0011	mg/Kg wet	0.0113		115	70-130	0.953	20		
tert-Butylbenzene	0.0129	0.0011	mg/Kg wet	0.0113		114	70-130	0.439	20		
tert-Butyl Ethyl Ether (TBEE)	0.0123	0.00057	mg/Kg wet	0.0113		108	70-130	1.01	20		
Carbon Disulfide	0.0114	0.011	mg/Kg wet	0.0113		101	70-130	7.45	20		
Carbon Tetrachloride	0.0108	0.0011	mg/Kg wet	0.0113		95.5	70-130	1.66	20		
Chlorobenzene	0.0124	0.0011	mg/Kg wet	0.0113		109	70-130	2.80	20		
Chlorodibromomethane	0.00962	0.0057	mg/Kg wet	0.0113		84.9	70-130	0.472	20		
Chloroethane	0.00978	0.0023	mg/Kg wet	0.0113		86.3	70-130	3.75	20		
Chloroform	0.0114	0.0023	mg/Kg wet	0.0113		101	70-130	3.60	20		
Chloromethane	0.00937	0.0023	mg/Kg wet	0.0113		82.7	40-160	1.20	20		†
2-Chlorotoluene	0.0124	0.0011	mg/Kg wet	0.0113		109	70-130	3.59	20		
4-Chlorotoluene	0.0129	0.0011	mg/Kg wet	0.0113		114	70-130	2.86	20		
1,2-Dibromo-3-chloropropane (DBCP)	0.0116	0.0057	mg/Kg wet	0.0113		103	70-130	1.18	20		
1,2-Dibromoethane (EDB)	0.0125	0.00057	mg/Kg wet	0.0113		110	70-130	2.30	20		
Dibromomethane	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130	1.61	20		
1,2-Dichlorobenzene	0.0129	0.0011	mg/Kg wet	0.0113		113	70-130	2.18	20		
1,3-Dichlorobenzene	0.0126	0.0011	mg/Kg wet	0.0113		111	70-130	1.70	20		
1,4-Dichlorobenzene	0.0116	0.0011	mg/Kg wet	0.0113		102	70-130	0.195	20		
Dichlorodifluoromethane (Freon 12)	0.00722	0.0023	mg/Kg wet	0.0113		63.7	40-160	1.09	20	L-14	†
1,1-Dichloroethane	0.0116	0.0011	mg/Kg wet	0.0113		102	70-130	4.78	20		
1,2-Dichloroethane	0.0116	0.0011	mg/Kg wet	0.0113		102	70-130	0.489	20		
1,1-Dichloroethylene	0.0107	0.0011	mg/Kg wet	0.0113		94.3	70-130	4.86	20		
cis-1,2-Dichloroethylene	0.0108	0.0011	mg/Kg wet	0.0113		95.2	70-130	1.46	20		
trans-1,2-Dichloroethylene	0.0105	0.0011	mg/Kg wet	0.0113		92.6	70-130	7.78	20		
1,2-Dichloropropane	0.0118	0.0011	mg/Kg wet	0.0113		104	70-130	0.574	20		
1,3-Dichloropropane	0.0120	0.00057	mg/Kg wet	0.0113		106	70-130	2.50	20		
2,2-Dichloropropane	0.00987	0.0011	mg/Kg wet	0.0113		87.1	70-130	6.23	20		
1,1-Dichloropropene	0.0114	0.0023	mg/Kg wet	0.0113		100	70-130	7.20	20		
cis-1,3-Dichloropropene	0.0100	0.0023	mg/Kg wet	0.0113		88.5	70-130	1.57	20		
trans-1,3-Dichloropropene	0.0108	0.0057	mg/Kg wet	0.0113		95.1	70-130	1.70	20		
Diethyl Ether	0.0113	0.0023	mg/Kg wet	0.0113		99.5	70-130	1.30	20		
Diisopropyl Ether (DIPE)	0.0123	0.00057	mg/Kg wet	0.0113		109	70-130	2.54	20		
1,4-Dioxane	0.139	0.057	mg/Kg wet	0.113		123	40-160	2.93	20	V-16, V-20	†
Ethylbenzene	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130	1.33	20		
Hexachlorobutadiene	0.0118	0.0011	mg/Kg wet	0.0113		104	70-130	3.67	20		
2-Hexanone (MBK)	0.132	0.011	mg/Kg wet	0.113		116	40-160	2.53	20	V-20	†
Isopropylbenzene (Cumene)	0.0131	0.0011	mg/Kg wet	0.0113		115	70-130	2.49	20		
p-Isopropyltoluene (p-Cymene)	0.0121	0.0011	mg/Kg wet	0.0113		107	70-130	1.95	20		
Methyl tert-Butyl Ether (MTBE)	0.0128	0.0011	mg/Kg wet	0.0113		113	70-130	0.883	20		
Methylene Chloride	0.0125	0.0057	mg/Kg wet	0.0113		111	70-130	2.10	20		
4-Methyl-2-pentanone (MIBK)	0.129	0.011	mg/Kg wet	0.113		114	40-160	0.892	20		†
Naphthalene	0.0115	0.0023	mg/Kg wet	0.0113		101	70-130	1.08	20		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B054835 - SW-846 5035										
LCS Dup (B054835-BSD1)				Prepared & Analyzed: 07/11/12						
n-Propylbenzene	0.0128	0.0011	mg/Kg wet	0.0113		113	70-130	3.73	20	
Styrene	0.0126	0.0011	mg/Kg wet	0.0113		111	70-130	1.87	20	
1,1,1,2-Tetrachloroethane	0.0117	0.0011	mg/Kg wet	0.0113		103	70-130	0.195	20	
1,1,2,2-Tetrachloroethane	0.0127	0.00057	mg/Kg wet	0.0113		112	70-130	0.358	20	
Tetrachloroethylene	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130	2.84	20	
Tetrahydrofuran	0.0134	0.0045	mg/Kg wet	0.0113		118	70-130	6.40	20	
Toluene	0.0116	0.0011	mg/Kg wet	0.0113		102	70-130	1.94	20	
1,2,3-Trichlorobenzene	0.0126	0.0045	mg/Kg wet	0.0113		111	70-130	0.0898	20	
1,2,4-Trichlorobenzene	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130	1.31	20	
1,1,1-Trichloroethane	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130	2.35	20	
1,1,2-Trichloroethane	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130	0.764	20	
Trichloroethylene	0.0113	0.0011	mg/Kg wet	0.0113		100	70-130	3.83	20	
Trichlorofluoromethane (Freon 11)	0.0101	0.0023	mg/Kg wet	0.0113		89.4	70-130	5.55	20	
1,2,3-Trichloropropane	0.0129	0.0023	mg/Kg wet	0.0113		114	70-130	0.527	20	
1,2,4-Trimethylbenzene	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130	0.656	20	
1,3,5-Trimethylbenzene	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130	2.07	20	
Vinyl Chloride	0.00910	0.0023	mg/Kg wet	0.0113		80.3	70-130	6.97	20	
m+p Xylene	0.0250	0.0023	mg/Kg wet	0.0227		110	70-130	2.59	20	
o-Xylene	0.0133	0.0011	mg/Kg wet	0.0113		117	70-130	0.426	20	
Surrogate: 1,2-Dichloroethane-d4	*0.0281*		mg/Kg wet	0.0283		99.1	70-130			
Surrogate: Toluene-d8	*0.0284*		mg/Kg wet	0.0283		100	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0287*		mg/Kg wet	0.0283		101	70-130			
Batch B054842 - SW-846 5030B										
Blank (B054842-BLK1)				Prepared: 07/11/12 Analyzed: 07/12/12						
Acetone	ND	20	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	1.0	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	5.0	µg/L							
2-Butanone (MEK)	ND	10	µg/L							
n-Butylbenzene	ND	1.0	µg/L							V-05
sec-Butylbenzene	ND	1.0	µg/L							V-05
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	1.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	5.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B054842 - SW-846 5030B										
Blank (B054842-BLK1)				Prepared: 07/11/12 Analyzed: 07/12/12						
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							V-05
1,1-Dichloropropene	ND	0.50	µg/L							
cis-1,3-Dichloropropene	ND	0.40	µg/L							
trans-1,3-Dichloropropene	ND	0.40	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							V-05
2-Hexanone (MBK)	ND	20	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							V-05
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	2.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	2.0	µg/L							V-05
1,2,4-Trichlorobenzene	ND	1.0	µg/L							V-05
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*22.4*		µg/L	25.0		89.4	70-130			
Surrogate: Toluene-d8	*24.4*		µg/L	25.0		97.8	70-130			
Surrogate: 4-Bromofluorobenzene	*25.1*		µg/L	25.0		101	70-130			

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Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B054842 - SW-846 5030B											
LCS (B054842-BS1)				Prepared: 07/11/12 Analyzed: 07/12/12							
Acetone	90.2	20	µg/L	100		90.2	40-160				†
tert-Amyl Methyl Ether (TAME)	9.37	0.50	µg/L	10.0		93.7	70-130				
Benzene	9.38	1.0	µg/L	10.0		93.8	70-130				
Bromobenzene	9.90	1.0	µg/L	10.0		99.0	70-130				
Bromochloromethane	9.01	1.0	µg/L	10.0		90.1	70-130				
Bromodichloromethane	8.68	1.0	µg/L	10.0		86.8	70-130				
Bromoform	10.6	1.0	µg/L	10.0		106	70-130				
Bromomethane	4.17	5.0	µg/L	10.0		41.7	40-160			L-14	†
2-Butanone (MEK)	83.6	10	µg/L	100		83.6	40-160				†
n-Butylbenzene	8.92	1.0	µg/L	10.0		89.2	70-130			V-05	
sec-Butylbenzene	10.2	1.0	µg/L	10.0		102	70-130			V-05	
tert-Butylbenzene	10.0	1.0	µg/L	10.0		100	70-130				
tert-Butyl Ethyl Ether (TBEE)	9.36	0.50	µg/L	10.0		93.6	70-130				
Carbon Disulfide	9.92	5.0	µg/L	10.0		99.2	70-130				
Carbon Tetrachloride	9.59	1.0	µg/L	10.0		95.9	70-130				
Chlorobenzene	10.7	1.0	µg/L	10.0		107	70-130				
Chlorodibromomethane	9.23	0.50	µg/L	10.0		92.3	70-130				
Chloroethane	7.14	2.0	µg/L	10.0		71.4	70-130				
Chloroform	8.96	2.0	µg/L	10.0		89.6	70-130				
Chloromethane	4.95	5.0	µg/L	10.0		49.5	40-160			L-14	†
2-Chlorotoluene	10.7	1.0	µg/L	10.0		107	70-130				
4-Chlorotoluene	10.3	1.0	µg/L	10.0		103	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	9.48	2.0	µg/L	10.0		94.8	70-130				
1,2-Dibromoethane (EDB)	10.2	0.50	µg/L	10.0		102	70-130				
Dibromomethane	9.56	1.0	µg/L	10.0		95.6	70-130				
1,2-Dichlorobenzene	10.3	1.0	µg/L	10.0		103	70-130				
1,3-Dichlorobenzene	10.5	1.0	µg/L	10.0		105	70-130				
1,4-Dichlorobenzene	9.69	1.0	µg/L	10.0		96.9	70-130				
Dichlorodifluoromethane (Freon 12)	5.23	2.0	µg/L	10.0		52.3	40-160			L-14	†
1,1-Dichloroethane	9.06	1.0	µg/L	10.0		90.6	70-130				
1,2-Dichloroethane	8.78	1.0	µg/L	10.0		87.8	70-130				
1,1-Dichloroethylene	8.28	1.0	µg/L	10.0		82.8	70-130				
cis-1,2-Dichloroethylene	8.58	1.0	µg/L	10.0		85.8	70-130				
trans-1,2-Dichloroethylene	8.62	1.0	µg/L	10.0		86.2	70-130				
1,2-Dichloropropane	9.62	1.0	µg/L	10.0		96.2	70-130				
1,3-Dichloropropane	9.73	0.50	µg/L	10.0		97.3	70-130				
2,2-Dichloropropane	7.10	1.0	µg/L	10.0		71.0	70-130			V-05	
1,1-Dichloropropene	9.53	0.50	µg/L	10.0		95.3	70-130				
cis-1,3-Dichloropropene	8.92	0.40	µg/L	10.0		89.2	70-130				
trans-1,3-Dichloropropene	9.22	0.40	µg/L	10.0		92.2	70-130				
Diethyl Ether	8.70	2.0	µg/L	10.0		87.0	70-130				
Diisopropyl Ether (DIPE)	9.07	0.50	µg/L	10.0		90.7	70-130				
1,4-Dioxane	102	50	µg/L	100		102	40-160			V-16	†
Ethylbenzene	9.29	1.0	µg/L	10.0		92.9	70-130				
Hexachlorobutadiene	8.83	0.50	µg/L	10.0		88.3	70-130			V-05	
2-Hexanone (MBK)	93.6	20	µg/L	100		93.6	40-160				†
Isopropylbenzene (Cumene)	10.4	1.0	µg/L	10.0		104	70-130				
p-Isopropyltoluene (p-Cymene)	9.99	1.0	µg/L	10.0		99.9	70-130			V-05	
Methyl tert-Butyl Ether (MTBE)	9.94	1.0	µg/L	10.0		99.4	70-130				
Methylene Chloride	8.07	5.0	µg/L	10.0		80.7	70-130				
4-Methyl-2-pentanone (MIBK)	95.3	10	µg/L	100		95.3	40-160				†
Naphthalene	9.82	2.0	µg/L	10.0		98.2	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B054842 - SW-846 5030B												
LCS (B054842-BS1)				Prepared: 07/11/12 Analyzed: 07/12/12								
n-Propylbenzene	10.0	1.0	µg/L	10.0		100		70-130				
Styrene	10.1	1.0	µg/L	10.0		101		70-130				
1,1,1,2-Tetrachloroethane	10.4	1.0	µg/L	10.0		104		70-130				
1,1,2,2-Tetrachloroethane	10.5	0.50	µg/L	10.0		105		70-130				
Tetrachloroethylene	9.74	1.0	µg/L	10.0		97.4		70-130				
Tetrahydrofuran	8.31	2.0	µg/L	10.0		83.1		70-130				
Toluene	9.88	1.0	µg/L	10.0		98.8		70-130				
1,2,3-Trichlorobenzene	9.68	2.0	µg/L	10.0		96.8		70-130			V-05	
1,2,4-Trichlorobenzene	9.20	1.0	µg/L	10.0		92.0		70-130			V-05	
1,1,1-Trichloroethane	9.27	1.0	µg/L	10.0		92.7		70-130				
1,1,2-Trichloroethane	9.96	1.0	µg/L	10.0		99.6		70-130				
Trichloroethylene	9.56	1.0	µg/L	10.0		95.6		70-130				
Trichlorofluoromethane (Freon 11)	8.67	2.0	µg/L	10.0		86.7		70-130				
1,2,3-Trichloropropane	10.2	2.0	µg/L	10.0		102		70-130				
1,2,4-Trimethylbenzene	9.41	1.0	µg/L	10.0		94.1		70-130				
1,3,5-Trimethylbenzene	9.58	1.0	µg/L	10.0		95.8		70-130				
Vinyl Chloride	6.68	2.0	µg/L	10.0		**66.8**	*	70-130			L-07	
m+p Xylene	20.5	2.0	µg/L	20.0		103		70-130				
o-Xylene	10.6	1.0	µg/L	10.0		106		70-130				
Surrogate: 1,2-Dichloroethane-d4	*23.1*		µg/L	25.0		92.5		70-130				
Surrogate: Toluene-d8	*24.4*		µg/L	25.0		97.5		70-130				
Surrogate: 4-Bromofluorobenzene	*24.9*		µg/L	25.0		99.4		70-130				
LCS Dup (B054842-BSD1)				Prepared: 07/11/12 Analyzed: 07/12/12								
Acetone	94.4	20	µg/L	100		94.4		40-160	4.63	20		†
tert-Amyl Methyl Ether (TAME)	9.68	0.50	µg/L	10.0		96.8		70-130	3.25	20		
Benzene	9.82	1.0	µg/L	10.0		98.2		70-130	4.58	20		
Bromobenzene	10.2	1.0	µg/L	10.0		102		70-130	3.38	20		
Bromochloromethane	9.21	1.0	µg/L	10.0		92.1		70-130	2.20	20		
Bromodichloromethane	8.35	1.0	µg/L	10.0		83.5		70-130	3.88	20		
Bromoform	11.3	1.0	µg/L	10.0		113		70-130	7.03	20		
Bromomethane	4.54	5.0	µg/L	10.0		45.4		40-160	8.50	20	L-14	†
2-Butanone (MEK)	84.8	10	µg/L	100		84.8		40-160	1.46	20		†
n-Butylbenzene	9.50	1.0	µg/L	10.0		95.0		70-130	6.30	20	V-05	
sec-Butylbenzene	10.4	1.0	µg/L	10.0		104		70-130	2.23	20	V-05	
tert-Butylbenzene	10.6	1.0	µg/L	10.0		106		70-130	5.63	20		
tert-Butyl Ethyl Ether (TBEE)	9.38	0.50	µg/L	10.0		93.8		70-130	0.213	20		
Carbon Disulfide	10.2	5.0	µg/L	10.0		102		70-130	3.27	20		
Carbon Tetrachloride	9.65	1.0	µg/L	10.0		96.5		70-130	0.624	20		
Chlorobenzene	11.1	1.0	µg/L	10.0		111		70-130	3.30	20		
Chlorodibromomethane	9.68	0.50	µg/L	10.0		96.8		70-130	4.76	20		
Chloroethane	7.21	2.0	µg/L	10.0		72.1		70-130	0.976	20		
Chloroform	9.39	2.0	µg/L	10.0		93.9		70-130	4.69	20		
Chloromethane	5.70	5.0	µg/L	10.0		57.0		40-160	14.1	20	L-14	†
2-Chlorotoluene	11.5	1.0	µg/L	10.0		115		70-130	7.75	20		
4-Chlorotoluene	11.0	1.0	µg/L	10.0		110		70-130	6.57	20		
1,2-Dibromo-3-chloropropane (DBCP)	9.58	2.0	µg/L	10.0		95.8		70-130	1.05	20		
1,2-Dibromoethane (EDB)	10.3	0.50	µg/L	10.0		103		70-130	0.974	20		
Dibromomethane	9.77	1.0	µg/L	10.0		97.7		70-130	2.17	20		
1,2-Dichlorobenzene	10.8	1.0	µg/L	10.0		108		70-130	4.54	20		
1,3-Dichlorobenzene	10.5	1.0	µg/L	10.0		105		70-130	0.382	20		
1,4-Dichlorobenzene	10.1	1.0	µg/L	10.0		101		70-130	4.04	20		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B054842 - SW-846 5030B											
LCS Dup (B054842-BSD1)				Prepared: 07/11/12 Analyzed: 07/12/12							
Dichlorodifluoromethane (Freon 12)	5.24	2.0	µg/L	10.0		52.4	40-160	0.191	20	L-14	†
1,1-Dichloroethane	9.37	1.0	µg/L	10.0		93.7	70-130	3.36	20		
1,2-Dichloroethane	8.95	1.0	µg/L	10.0		89.5	70-130	1.92	20		
1,1-Dichloroethylene	8.61	1.0	µg/L	10.0		86.1	70-130	3.91	20		
cis-1,2-Dichloroethylene	8.70	1.0	µg/L	10.0		87.0	70-130	1.39	20		
trans-1,2-Dichloroethylene	9.25	1.0	µg/L	10.0		92.5	70-130	7.05	20		
1,2-Dichloropropane	9.38	1.0	µg/L	10.0		93.8	70-130	2.53	20		
1,3-Dichloropropane	9.80	0.50	µg/L	10.0		98.0	70-130	0.717	20		
2,2-Dichloropropane	7.46	1.0	µg/L	10.0		74.6	70-130	4.95	20	V-05	
1,1-Dichloropropene	9.65	0.50	µg/L	10.0		96.5	70-130	1.25	20		
cis-1,3-Dichloropropene	9.26	0.40	µg/L	10.0		92.6	70-130	3.74	20		
trans-1,3-Dichloropropene	9.52	0.40	µg/L	10.0		95.2	70-130	3.20	20		
Diethyl Ether	9.03	2.0	µg/L	10.0		90.3	70-130	3.72	20		
Diisopropyl Ether (DIPE)	9.40	0.50	µg/L	10.0		94.0	70-130	3.57	20		
1,4-Dioxane	104	50	µg/L	100		104	40-160	1.99	20	V-16	†
Ethylbenzene	10.5	1.0	µg/L	10.0		105	70-130	12.6	20		
Hexachlorobutadiene	10.2	0.50	µg/L	10.0		102	70-130	14.4	20	V-05	
2-Hexanone (MBK)	90.1	20	µg/L	100		90.1	40-160	3.78	20		†
Isopropylbenzene (Cumene)	11.6	1.0	µg/L	10.0		116	70-130	10.2	20		
p-Isopropyltoluene (p-Cymene)	10.2	1.0	µg/L	10.0		102	70-130	1.98	20	V-05	
Methyl tert-Butyl Ether (MTBE)	10.4	1.0	µg/L	10.0		104	70-130	4.81	20		
Methylene Chloride	8.88	5.0	µg/L	10.0		88.8	70-130	9.56	20		
4-Methyl-2-pentanone (MIBK)	92.8	10	µg/L	100		92.8	40-160	2.67	20		†
Naphthalene	10.3	2.0	µg/L	10.0		103	70-130	5.16	20		
n-Propylbenzene	11.0	1.0	µg/L	10.0		110	70-130	9.69	20		
Styrene	10.7	1.0	µg/L	10.0		107	70-130	5.37	20		
1,1,1,2-Tetrachloroethane	10.9	1.0	µg/L	10.0		109	70-130	4.04	20		
1,1,2,2-Tetrachloroethane	10.7	0.50	µg/L	10.0		107	70-130	1.79	20		
Tetrachloroethylene	10.5	1.0	µg/L	10.0		105	70-130	7.89	20		
Tetrahydrofuran	9.18	2.0	µg/L	10.0		91.8	70-130	9.95	20		
Toluene	9.57	1.0	µg/L	10.0		95.7	70-130	3.19	20		
1,2,3-Trichlorobenzene	10.5	2.0	µg/L	10.0		105	70-130	7.75	20	V-05	
1,2,4-Trichlorobenzene	10.7	1.0	µg/L	10.0		107	70-130	14.8	20	V-05	
1,1,1-Trichloroethane	9.37	1.0	µg/L	10.0		93.7	70-130	1.07	20		
1,1,2-Trichloroethane	10.1	1.0	µg/L	10.0		101	70-130	1.69	20		
Trichloroethylene	9.77	1.0	µg/L	10.0		97.7	70-130	2.17	20		
Trichlorofluoromethane (Freon 11)	8.91	2.0	µg/L	10.0		89.1	70-130	2.73	20		
1,2,3-Trichloropropane	10.8	2.0	µg/L	10.0		108	70-130	5.64	20		
1,2,4-Trimethylbenzene	9.59	1.0	µg/L	10.0		95.9	70-130	1.89	20		
1,3,5-Trimethylbenzene	10.3	1.0	µg/L	10.0		103	70-130	7.24	20		
Vinyl Chloride	7.12	2.0	µg/L	10.0		71.2	70-130	6.38	20		
m+p Xylene	22.2	2.0	µg/L	20.0		111	70-130	7.73	20		
o-Xylene	11.4	1.0	µg/L	10.0		114	70-130	7.43	20		
Surrogate: 1,2-Dichloroethane-d4	*23.3*		µg/L	25.0		93.2	70-130				
Surrogate: Toluene-d8	*23.8*		µg/L	25.0		95.4	70-130				
Surrogate: 4-Bromofluorobenzene	*26.8*		µg/L	25.0		107	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B054852 - SW-846 5035										
Blank (B054852-BLK1)				Prepared & Analyzed: 07/11/12						
Acetone	ND	0.10	mg/Kg wet							V-16
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							V-16
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.010	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.010	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.010	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.010	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							V-05

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B054852 - SW-846 5035											
Blank (B054852-BLK1)				Prepared & Analyzed: 07/11/12							
n-Propylbenzene	ND	0.0020	mg/Kg wet								
Styrene	ND	0.0020	mg/Kg wet								
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet								
Tetrachloroethylene	ND	0.0020	mg/Kg wet								
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16	
Toluene	ND	0.0020	mg/Kg wet								
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet								
Trichloroethylene	ND	0.0020	mg/Kg wet								
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet								
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet								
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet								
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet								
Vinyl Chloride	ND	0.010	mg/Kg wet								
m+p Xylene	ND	0.0040	mg/Kg wet								
o-Xylene	ND	0.0020	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0498*		mg/Kg wet	0.0500		99.5	70-130				
Surrogate: Toluene-d8	*0.0480*		mg/Kg wet	0.0500		95.9	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0480*		mg/Kg wet	0.0500		96.0	70-130				
LCS (B054852-BS1)				Prepared & Analyzed: 07/11/12							
Acetone	0.202	0.10	mg/Kg wet	0.200		101	40-160			V-16	†
tert-Amyl Methyl Ether (TAME)	0.0208	0.0010	mg/Kg wet	0.0200		104	70-130				
Benzene	0.0196	0.0020	mg/Kg wet	0.0200		97.8	70-130				
Bromobenzene	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130				
Bromochloromethane	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130				
Bromodichloromethane	0.0197	0.0020	mg/Kg wet	0.0200		98.4	70-130				
Bromoform	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130				
Bromomethane	0.0124	0.010	mg/Kg wet	0.0200		61.8	40-160			L-14	†
2-Butanone (MEK)	0.194	0.040	mg/Kg wet	0.200		97.2	40-160			V-16	†
n-Butylbenzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130				
sec-Butylbenzene	0.0221	0.0020	mg/Kg wet	0.0200		111	70-130				
tert-Butylbenzene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130				
tert-Butyl Ethyl Ether (TBEE)	0.0213	0.0010	mg/Kg wet	0.0200		107	70-130				
Carbon Disulfide	0.0189	0.0060	mg/Kg wet	0.0200		94.5	70-130				
Carbon Tetrachloride	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130				
Chlorobenzene	0.0217	0.0020	mg/Kg wet	0.0200		109	70-130				
Chlorodibromomethane	0.0200	0.0010	mg/Kg wet	0.0200		99.9	70-130				
Chloroethane	0.0167	0.010	mg/Kg wet	0.0200		83.7	70-130				
Chloroform	0.0211	0.0040	mg/Kg wet	0.0200		106	70-130				
Chloromethane	0.0161	0.010	mg/Kg wet	0.0200		80.7	40-160				†
2-Chlorotoluene	0.0230	0.0020	mg/Kg wet	0.0200		115	70-130				
4-Chlorotoluene	0.0229	0.0020	mg/Kg wet	0.0200		115	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130				
1,2-Dibromoethane (EDB)	0.0221	0.0010	mg/Kg wet	0.0200		110	70-130				
Dibromomethane	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130				
1,2-Dichlorobenzene	0.0213	0.0020	mg/Kg wet	0.0200		107	70-130				
1,3-Dichlorobenzene	0.0217	0.0020	mg/Kg wet	0.0200		109	70-130				
1,4-Dichlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		99.8	70-130				

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B054852 - SW-846 5035											
LCS (B054852-BS1)				Prepared & Analyzed: 07/11/12							
Dichlorodifluoromethane (Freon 12)	0.0139	0.010	mg/Kg wet	0.0200		69.5	40-160			L-14	†
1,1-Dichloroethane	0.0201	0.0020	mg/Kg wet	0.0200		101	70-130				
1,2-Dichloroethane	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130				
1,1-Dichloroethylene	0.0184	0.0040	mg/Kg wet	0.0200		91.8	70-130				
cis-1,2-Dichloroethylene	0.0187	0.0020	mg/Kg wet	0.0200		93.4	70-130				
trans-1,2-Dichloroethylene	0.0187	0.0020	mg/Kg wet	0.0200		93.5	70-130				
1,2-Dichloropropane	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130				
1,3-Dichloropropane	0.0209	0.0010	mg/Kg wet	0.0200		104	70-130				
2,2-Dichloropropane	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130				
1,1-Dichloropropene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130				
cis-1,3-Dichloropropene	0.0204	0.0010	mg/Kg wet	0.0200		102	70-130				
trans-1,3-Dichloropropene	0.0221	0.0010	mg/Kg wet	0.0200		110	70-130				
Diethyl Ether	0.0179	0.010	mg/Kg wet	0.0200		89.3	70-130				
Diisopropyl Ether (DIPE)	0.0220	0.0010	mg/Kg wet	0.0200		110	70-130				
1,4-Dioxane	0.198	0.10	mg/Kg wet	0.200		98.9	40-160			V-16	†
Ethylbenzene	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130				
Hexachlorobutadiene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130				
2-Hexanone (MBK)	0.221	0.020	mg/Kg wet	0.200		111	40-160			V-20	†
Isopropylbenzene (Cumene)	0.0229	0.0020	mg/Kg wet	0.0200		114	70-130				
p-Isopropyltoluene (p-Cymene)	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130				
Methyl tert-Butyl Ether (MTBE)	0.0227	0.0040	mg/Kg wet	0.0200		114	70-130				
Methylene Chloride	0.0147	0.010	mg/Kg wet	0.0200		73.3	70-130				
4-Methyl-2-pentanone (MIBK)	0.222	0.020	mg/Kg wet	0.200		111	40-160			V-20	†
Naphthalene	0.0179	0.0040	mg/Kg wet	0.0200		89.3	70-130			V-05	
n-Propylbenzene	0.0228	0.0020	mg/Kg wet	0.0200		114	70-130				
Styrene	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130				
1,1,1,2-Tetrachloroethane	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130				
1,1,2,2-Tetrachloroethane	0.0217	0.0010	mg/Kg wet	0.0200		108	70-130				
Tetrachloroethylene	0.0215	0.0020	mg/Kg wet	0.0200		107	70-130				
Tetrahydrofuran	0.0206	0.010	mg/Kg wet	0.0200		103	70-130			V-16	
Toluene	0.0187	0.0020	mg/Kg wet	0.0200		93.4	70-130				
1,2,3-Trichlorobenzene	0.0181	0.0020	mg/Kg wet	0.0200		90.3	70-130				
1,2,4-Trichlorobenzene	0.0189	0.0020	mg/Kg wet	0.0200		94.3	70-130				
1,1,1-Trichloroethane	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130				
1,1,2-Trichloroethane	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130				
Trichloroethylene	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130				
Trichlorofluoromethane (Freon 11)	0.0181	0.010	mg/Kg wet	0.0200		90.3	70-130				
1,2,3-Trichloropropane	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130				
1,2,4-Trimethylbenzene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130				
1,3,5-Trimethylbenzene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130				
Vinyl Chloride	0.0162	0.010	mg/Kg wet	0.0200		81.0	70-130				
m+p Xylene	0.0433	0.0040	mg/Kg wet	0.0400		108	70-130				
o-Xylene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0522*		mg/Kg wet	0.0500		104	70-130				
Surrogate: Toluene-d8	*0.0490*		mg/Kg wet	0.0500		98.0	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0499*		mg/Kg wet	0.0500		99.7	70-130				

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B054852 - SW-846 5035											
LCS Dup (B054852-BSD1)				Prepared & Analyzed: 07/11/12							
Acetone	0.201	0.10	mg/Kg wet	0.200		101	40-160	0.189	20	V-16	†
tert-Amyl Methyl Ether (TAME)	0.0215	0.0010	mg/Kg wet	0.0200		107	70-130	3.22	20		
Benzene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130	5.08	20		
Bromobenzene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130	4.42	20		
Bromochloromethane	0.0225	0.0020	mg/Kg wet	0.0200		113	70-130	4.63	20		
Bromodichloromethane	0.0200	0.0020	mg/Kg wet	0.0200		99.8	70-130	1.41	20		
Bromoform	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130	2.83	20		
Bromomethane	0.0136	0.010	mg/Kg wet	0.0200		68.2	40-160	9.85	20	L-14	†
2-Butanone (MEK)	0.207	0.040	mg/Kg wet	0.200		104	40-160	6.23	20	V-16	†
n-Butylbenzene	0.0229	0.0020	mg/Kg wet	0.0200		115	70-130	8.93	20		
sec-Butylbenzene	0.0246	0.0020	mg/Kg wet	0.0200		123	70-130	10.6	20		
tert-Butylbenzene	0.0246	0.0020	mg/Kg wet	0.0200		123	70-130	9.46	20		
tert-Butyl Ethyl Ether (TBEE)	0.0216	0.0010	mg/Kg wet	0.0200		108	70-130	1.40	20		
Carbon Disulfide	0.0197	0.0060	mg/Kg wet	0.0200		98.3	70-130	3.94	20		
Carbon Tetrachloride	0.0197	0.0020	mg/Kg wet	0.0200		98.5	70-130	3.00	20		
Chlorobenzene	0.0229	0.0020	mg/Kg wet	0.0200		114	70-130	5.20	20		
Chlorodibromomethane	0.0205	0.0010	mg/Kg wet	0.0200		102	70-130	2.47	20		
Chloroethane	0.0176	0.010	mg/Kg wet	0.0200		87.8	70-130	4.78	20		
Chloroform	0.0213	0.0040	mg/Kg wet	0.0200		106	70-130	0.943	20		
Chloromethane	0.0176	0.010	mg/Kg wet	0.0200		87.8	40-160	8.43	20		†
2-Chlorotoluene	0.0233	0.0020	mg/Kg wet	0.0200		116	70-130	1.38	20		
4-Chlorotoluene	0.0238	0.0020	mg/Kg wet	0.0200		119	70-130	3.76	20		
1,2-Dibromo-3-chloropropane (DBCP)	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130	1.34	20		
1,2-Dibromoethane (EDB)	0.0226	0.0010	mg/Kg wet	0.0200		113	70-130	2.60	20		
Dibromomethane	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130	0.00	20		
1,2-Dichlorobenzene	0.0235	0.0020	mg/Kg wet	0.0200		118	70-130	9.90	20		
1,3-Dichlorobenzene	0.0238	0.0020	mg/Kg wet	0.0200		119	70-130	9.21	20		
1,4-Dichlorobenzene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130	8.81	20		
Dichlorodifluoromethane (Freon 12)	0.0141	0.010	mg/Kg wet	0.0200		70.5	40-160	1.43	20		†
1,1-Dichloroethane	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	3.22	20		
1,2-Dichloroethane	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130	4.33	20		
1,1-Dichloroethylene	0.0192	0.0040	mg/Kg wet	0.0200		95.8	70-130	4.26	20		
cis-1,2-Dichloroethylene	0.0198	0.0020	mg/Kg wet	0.0200		99.2	70-130	6.02	20		
trans-1,2-Dichloroethylene	0.0195	0.0020	mg/Kg wet	0.0200		97.5	70-130	4.19	20		
1,2-Dichloropropane	0.0217	0.0020	mg/Kg wet	0.0200		109	70-130	4.14	20		
1,3-Dichloropropane	0.0218	0.0010	mg/Kg wet	0.0200		109	70-130	4.40	20		
2,2-Dichloropropane	0.0196	0.0020	mg/Kg wet	0.0200		98.2	70-130	1.82	20		
1,1-Dichloropropene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130	2.58	20		
cis-1,3-Dichloropropene	0.0211	0.0010	mg/Kg wet	0.0200		105	70-130	3.38	20		
trans-1,3-Dichloropropene	0.0229	0.0010	mg/Kg wet	0.0200		115	70-130	3.82	20		
Diethyl Ether	0.0180	0.010	mg/Kg wet	0.0200		90.2	70-130	1.00	20		
Diisopropyl Ether (DIPE)	0.0228	0.0010	mg/Kg wet	0.0200		114	70-130	3.66	20		
1,4-Dioxane	0.187	0.10	mg/Kg wet	0.200		93.6	40-160	5.54	20	V-16	†
Ethylbenzene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130	4.08	20		
Hexachlorobutadiene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130	9.71	20		
2-Hexanone (MBK)	0.233	0.020	mg/Kg wet	0.200		117	40-160	5.35	20	V-20	†
Isopropylbenzene (Cumene)	0.0241	0.0020	mg/Kg wet	0.0200		120	70-130	4.94	20		
p-Isopropyltoluene (p-Cymene)	0.0237	0.0020	mg/Kg wet	0.0200		118	70-130	8.90	20		
Methyl tert-Butyl Ether (MTBE)	0.0228	0.0040	mg/Kg wet	0.0200		114	70-130	0.264	20		
Methylene Chloride	0.0155	0.010	mg/Kg wet	0.0200		77.3	70-130	5.31	20		
4-Methyl-2-pentanone (MIBK)	0.234	0.020	mg/Kg wet	0.200		117	40-160	5.54	20	V-20	†
Naphthalene	0.0197	0.0040	mg/Kg wet	0.0200		98.4	70-130	9.70	20	V-05	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B054852 - SW-846 5035										
LCS Dup (B054852-BSD1)				Prepared & Analyzed: 07/11/12						
n-Propylbenzene	0.0239	0.0020	mg/Kg wet	0.0200		120	70-130	4.70	20	
Styrene	0.0228	0.0020	mg/Kg wet	0.0200		114	70-130	5.78	20	
1,1,1,2-Tetrachloroethane	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130	2.96	20	
1,1,2,2-Tetrachloroethane	0.0225	0.0010	mg/Kg wet	0.0200		112	70-130	3.63	20	
Tetrachloroethylene	0.0223	0.0020	mg/Kg wet	0.0200		111	70-130	3.66	20	
Tetrahydrofuran	0.0231	0.010	mg/Kg wet	0.0200		115	70-130	11.5	20	V-16
Toluene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130	6.83	20	
1,2,3-Trichlorobenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.6	70-130	8.79	20	
1,2,4-Trichlorobenzene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130	9.01	20	
1,1,1-Trichloroethane	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130	2.06	20	
1,1,2-Trichloroethane	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130	4.28	20	
Trichloroethylene	0.0209	0.0020	mg/Kg wet	0.0200		105	70-130	0.961	20	
Trichlorofluoromethane (Freon 11)	0.0178	0.010	mg/Kg wet	0.0200		89.1	70-130	1.34	20	
1,2,3-Trichloropropane	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130	0.639	20	
1,2,4-Trimethylbenzene	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130	8.06	20	
1,3,5-Trimethylbenzene	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130	5.46	20	
Vinyl Chloride	0.0168	0.010	mg/Kg wet	0.0200		83.9	70-130	3.52	20	
m+p Xylene	0.0458	0.0040	mg/Kg wet	0.0400		114	70-130	5.66	20	
o-Xylene	0.0241	0.0020	mg/Kg wet	0.0200		121	70-130	7.48	20	
Surrogate: 1,2-Dichloroethane-d4	*0.0498*		mg/Kg wet	0.0500		99.6	70-130			
Surrogate: Toluene-d8	*0.0491*		mg/Kg wet	0.0500		98.1	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0487*		mg/Kg wet	0.0500		97.5	70-130			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B054946 - SW-846 3546										
Blank (B054946-BLK1)				Prepared: 07/12/12 Analyzed: 07/16/12						
C9-C18 Aliphatics	ND	10	mg/Kg wet							
C19-C36 Aliphatics	ND	10	mg/Kg wet							
Unadjusted C11-C22 Aromatics	ND	10	mg/Kg wet							
C11-C22 Aromatics	ND	10	mg/Kg wet							
Acenaphthene	ND	0.10	mg/Kg wet							
Acenaphthylene	ND	0.10	mg/Kg wet							
Anthracene	ND	0.10	mg/Kg wet							
Benzo(a)anthracene	ND	0.10	mg/Kg wet							
Benzo(a)pyrene	ND	0.10	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.10	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.10	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.10	mg/Kg wet							
Chrysene	ND	0.10	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.10	mg/Kg wet							
Fluoranthene	ND	0.10	mg/Kg wet							
Fluorene	ND	0.10	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.10	mg/Kg wet							
2-Methylnaphthalene	ND	0.10	mg/Kg wet							
Naphthalene	ND	0.10	mg/Kg wet							
Phenanthrene	ND	0.10	mg/Kg wet							
Pyrene	ND	0.10	mg/Kg wet							
Surrogate: Chlorooctadecane (COD)	*5.22*		mg/Kg wet	4.99		105	40-140			
Surrogate: o-Terphenyl (OTP)	*4.32*		mg/Kg wet	5.00		86.4	40-140			
Surrogate: 2-Bromonaphthalene	*4.49*		mg/Kg wet	5.00		89.9	40-140			
Surrogate: 2-Fluorobiphenyl	*4.52*		mg/Kg wet	5.00		90.5	40-140			
LCS (B054946-BS1)				Prepared: 07/12/12 Analyzed: 07/16/12						
Acenaphthene	4.25	0.10	mg/Kg wet	5.00		85.1	40-140			
Acenaphthylene	4.17	0.10	mg/Kg wet	5.00		83.3	40-140			
Anthracene	4.53	0.10	mg/Kg wet	5.00		90.5	40-140			
Benzo(a)anthracene	5.37	0.10	mg/Kg wet	5.00		107	40-140			
Benzo(a)pyrene	4.62	0.10	mg/Kg wet	5.00		92.4	40-140			
Benzo(b)fluoranthene	4.88	0.10	mg/Kg wet	5.00		97.5	40-140			
Benzo(g,h,i)perylene	4.78	0.10	mg/Kg wet	5.00		95.7	40-140			
Benzo(k)fluoranthene	4.87	0.10	mg/Kg wet	5.00		97.4	40-140			
Chrysene	4.63	0.10	mg/Kg wet	5.00		92.5	40-140			
Dibenz(a,h)anthracene	5.00	0.10	mg/Kg wet	5.00		100	40-140			
Fluoranthene	4.60	0.10	mg/Kg wet	5.00		92.0	40-140			
Fluorene	4.38	0.10	mg/Kg wet	5.00		87.6	40-140			
Indeno(1,2,3-cd)pyrene	4.61	0.10	mg/Kg wet	5.00		92.3	40-140			
2-Methylnaphthalene	4.05	0.10	mg/Kg wet	5.00		81.0	40-140			
Naphthalene	3.71	0.10	mg/Kg wet	5.00		74.2	40-140			
Phenanthrene	4.45	0.10	mg/Kg wet	5.00		89.0	40-140			
Pyrene	4.67	0.10	mg/Kg wet	5.00		93.4	40-140			
n-Decane	3.86	0.10	mg/Kg wet	5.00		77.1	40-140			
n-Docosane	6.30	0.10	mg/Kg wet	5.00		126	40-140			
n-Dodecane	4.49	0.10	mg/Kg wet	5.00		89.8	40-140			
n-Eicosane	6.07	0.10	mg/Kg wet	5.00		121	40-140			
n-Hexacosane	5.98	0.10	mg/Kg wet	5.00		120	40-140			
n-Hexadecane	5.58	0.10	mg/Kg wet	5.00		112	40-140			
n-Hexatriacontane	5.89	0.10	mg/Kg wet	5.00		118	40-140			
n-Nonadecane	5.87	0.10	mg/Kg wet	5.00		117	40-140			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B054946 - SW-846 3546										
LCS (B054946-BS1)				Prepared: 07/12/12 Analyzed: 07/16/12						
n-Nonane	3.03	0.10	mg/Kg wet	5.00		60.6	30-140			
n-Octacosane	5.85	0.10	mg/Kg wet	5.00		117	40-140			
n-Octadecane	6.08	0.10	mg/Kg wet	5.00		122	40-140			
n-Tetracosane	6.01	0.10	mg/Kg wet	5.00		120	40-140			
n-Tetradecane	5.07	0.10	mg/Kg wet	5.00		101	40-140			
n-Triacontane	5.93	0.10	mg/Kg wet	5.00		119	40-140			
Naphthalene-aliphatic fraction	ND	0.10	mg/Kg wet	5.00			0-5			
2-Methylnaphthalene-aliphatic fraction	0.0631	0.10	mg/Kg wet	5.00		1.26	0-5			
Surrogate: Chlorooctadecane (COD)	*5.09*		mg/Kg wet	4.99		102	40-140			
Surrogate: o-Terphenyl (OTP)	*4.62*		mg/Kg wet	5.00		92.4	40-140			
Surrogate: 2-Bromonaphthalene	*4.72*		mg/Kg wet	5.00		94.5	40-140			
Surrogate: 2-Fluorobiphenyl	*4.83*		mg/Kg wet	5.00		96.6	40-140			
LCS Dup (B054946-BSD1)				Prepared: 07/12/12 Analyzed: 07/16/12						
Acenaphthene	4.14	0.10	mg/Kg wet	5.00		82.7	40-140	2.81	25	
Acenaphthylene	4.05	0.10	mg/Kg wet	5.00		80.9	40-140	2.88	25	
Anthracene	4.44	0.10	mg/Kg wet	5.00		88.9	40-140	1.84	25	
Benzo(a)anthracene	5.18	0.10	mg/Kg wet	5.00		104	40-140	3.55	25	
Benzo(a)pyrene	4.40	0.10	mg/Kg wet	5.00		88.1	40-140	4.83	25	
Benzo(b)fluoranthene	4.65	0.10	mg/Kg wet	5.00		93.0	40-140	4.72	25	
Benzo(g,h,i)perylene	4.51	0.10	mg/Kg wet	5.00		90.2	40-140	5.84	25	
Benzo(k)fluoranthene	4.68	0.10	mg/Kg wet	5.00		93.6	40-140	3.98	25	
Chrysene	4.48	0.10	mg/Kg wet	5.00		89.5	40-140	3.32	25	
Dibenz(a,h)anthracene	4.75	0.10	mg/Kg wet	5.00		94.9	40-140	5.28	25	
Fluoranthene	4.50	0.10	mg/Kg wet	5.00		90.0	40-140	2.21	25	
Fluorene	4.28	0.10	mg/Kg wet	5.00		85.7	40-140	2.20	25	
Indeno(1,2,3-cd)pyrene	4.38	0.10	mg/Kg wet	5.00		87.5	40-140	5.30	25	
2-Methylnaphthalene	3.86	0.10	mg/Kg wet	5.00		77.1	40-140	4.89	25	
Naphthalene	3.62	0.10	mg/Kg wet	5.00		72.4	40-140	2.47	25	
Phenanthrene	4.38	0.10	mg/Kg wet	5.00		87.6	40-140	1.52	25	
Pyrene	4.56	0.10	mg/Kg wet	5.00		91.3	40-140	2.32	25	
n-Decane	3.44	0.10	mg/Kg wet	5.00		68.9	40-140	11.3	25	
n-Docosane	5.55	0.10	mg/Kg wet	5.00		111	40-140	12.6	25	
n-Dodecane	3.97	0.10	mg/Kg wet	5.00		79.3	40-140	12.4	25	
n-Eicosane	5.32	0.10	mg/Kg wet	5.00		106	40-140	13.2	25	
n-Hexacosane	5.41	0.10	mg/Kg wet	5.00		108	40-140	9.91	25	
n-Hexadecane	4.85	0.10	mg/Kg wet	5.00		97.0	40-140	14.0	25	
n-Hexatriacontane	5.36	0.10	mg/Kg wet	5.00		107	40-140	9.33	25	
n-Nonadecane	5.14	0.10	mg/Kg wet	5.00		103	40-140	13.3	25	
n-Nonane	2.67	0.10	mg/Kg wet	5.00		53.3	30-140	12.8	25	
n-Octacosane	5.35	0.10	mg/Kg wet	5.00		107	40-140	9.01	25	
n-Octadecane	5.32	0.10	mg/Kg wet	5.00		106	40-140	13.3	25	
n-Tetracosane	5.36	0.10	mg/Kg wet	5.00		107	40-140	11.4	25	
n-Tetradecane	4.39	0.10	mg/Kg wet	5.00		87.7	40-140	14.4	25	
n-Triacontane	5.46	0.10	mg/Kg wet	5.00		109	40-140	8.34	25	
Naphthalene-aliphatic fraction	ND	0.10	mg/Kg wet	5.00			0-5			
2-Methylnaphthalene-aliphatic fraction	ND	0.10	mg/Kg wet	5.00			0-5			
Surrogate: Chlorooctadecane (COD)	*4.71*		mg/Kg wet	4.99		94.4	40-140			
Surrogate: o-Terphenyl (OTP)	*4.75*		mg/Kg wet	5.00		94.9	40-140			
Surrogate: 2-Bromonaphthalene	*4.84*		mg/Kg wet	5.00		96.9	40-140			
Surrogate: 2-Fluorobiphenyl	*4.94*		mg/Kg wet	5.00		98.8	40-140			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B055019 - SW-846 3510C										
Blank (B055019-BLK1)				Prepared: 07/13/12 Analyzed: 07/16/12						
C9-C18 Aliphatics	ND	100	µg/L							
C19-C36 Aliphatics	ND	100	µg/L							
Unadjusted C11-C22 Aromatics	ND	100	µg/L							
C11-C22 Aromatics	ND	100	µg/L							
Acenaphthene	ND	2.0	µg/L							
Acenaphthylene	ND	2.0	µg/L							
Anthracene	ND	2.0	µg/L							
Benzo(a)anthracene	ND	2.0	µg/L							
Benzo(a)pyrene	ND	2.0	µg/L							
Benzo(b)fluoranthene	ND	2.0	µg/L							
Benzo(g,h,i)perylene	ND	2.0	µg/L							
Benzo(k)fluoranthene	ND	2.0	µg/L							
Chrysene	ND	2.0	µg/L							
Dibenz(a,h)anthracene	ND	2.0	µg/L							
Fluoranthene	ND	2.0	µg/L							
Fluorene	ND	2.0	µg/L							
Indeno(1,2,3-cd)pyrene	ND	2.0	µg/L							
2-Methylnaphthalene	ND	2.0	µg/L							
Naphthalene	ND	2.0	µg/L							
Phenanthrene	ND	2.0	µg/L							
Pyrene	ND	2.0	µg/L							
Surrogate: Chlorooctadecane (COD)	*66.6*		µg/L	99.8		66.7	40-140			
Surrogate: o-Terphenyl (OTP)	*83.8*		µg/L	100		83.8	40-140			
Surrogate: 2-Bromonaphthalene	*98.2*		µg/L	100		98.2	40-140			
Surrogate: 2-Fluorobiphenyl	*98.2*		µg/L	100		98.2	40-140			
LCS (B055019-BS1)				Prepared: 07/13/12 Analyzed: 07/16/12						
Acenaphthene	76.7	2.0	µg/L	100		76.7	40-140			
Acenaphthylene	74.7	2.0	µg/L	100		74.7	40-140			
Anthracene	81.9	2.0	µg/L	100		81.9	40-140			
Benzo(a)anthracene	95.0	2.0	µg/L	100		95.0	40-140			
Benzo(a)pyrene	80.2	2.0	µg/L	100		80.2	40-140			
Benzo(b)fluoranthene	85.8	2.0	µg/L	100		85.8	40-140			
Benzo(g,h,i)perylene	82.5	2.0	µg/L	100		82.5	40-140			
Benzo(k)fluoranthene	85.9	2.0	µg/L	100		85.9	40-140			
Chrysene	81.8	2.0	µg/L	100		81.8	40-140			
Dibenz(a,h)anthracene	87.3	2.0	µg/L	100		87.3	40-140			
Fluoranthene	82.8	2.0	µg/L	100		82.8	40-140			
Fluorene	80.2	2.0	µg/L	100		80.2	40-140			
Indeno(1,2,3-cd)pyrene	80.5	2.0	µg/L	100		80.5	40-140			
2-Methylnaphthalene	69.6	2.0	µg/L	100		69.6	40-140			
Naphthalene	62.0	2.0	µg/L	100		62.0	40-140			
Phenanthrene	81.3	2.0	µg/L	100		81.3	40-140			
Pyrene	84.0	2.0	µg/L	100		84.0	40-140			
n-Decane	57.4	2.0	µg/L	100		57.4	40-140			
n-Docosane	104	2.0	µg/L	100		104	40-140			
n-Dodecane	71.3	2.0	µg/L	100		71.3	40-140			
n-Eicosane	99.5	2.0	µg/L	100		99.5	40-140			
n-Hexacosane	101	2.0	µg/L	100		101	40-140			
n-Hexadecane	93.0	2.0	µg/L	100		93.0	40-140			
n-Hexatriacontane	100	2.0	µg/L	100		100	40-140			
n-Nonadecane	96.0	2.0	µg/L	100		96.0	40-140			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B055019 - SW-846 3510C										
LCS (B055019-BS1)				Prepared: 07/13/12 Analyzed: 07/16/12						
n-Nonane	43.1	2.0	µg/L	100		43.1	30-140			
n-Octacosane	99.7	2.0	µg/L	100		99.7	40-140			
n-Octadecane	100	2.0	µg/L	100		100	40-140			
n-Tetracosane	100	2.0	µg/L	100		100	40-140			
n-Tetradecane	83.4	2.0	µg/L	100		83.4	40-140			
n-Triacontane	102	2.0	µg/L	100		102	40-140			
Naphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
2-Methylnaphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
Surrogate: Chlorooctadecane (COD)	*55.7*		µg/L	99.8		55.8	40-140			
Surrogate: o-Terphenyl (OTP)	*84.1*		µg/L	100		84.1	40-140			
Surrogate: 2-Bromonaphthalene	*92.7*		µg/L	100		92.7	40-140			
Surrogate: 2-Fluorobiphenyl	*94.5*		µg/L	100		94.5	40-140			
LCS Dup (B055019-BSD1)				Prepared: 07/13/12 Analyzed: 07/16/12						
Acenaphthene	78.2	2.0	µg/L	100		78.2	40-140	1.91	25	
Acenaphthylene	76.1	2.0	µg/L	100		76.1	40-140	1.83	25	
Anthracene	83.9	2.0	µg/L	100		83.9	40-140	2.40	25	
Benzo(a)anthracene	98.0	2.0	µg/L	100		98.0	40-140	3.09	25	
Benzo(a)pyrene	83.1	2.0	µg/L	100		83.1	40-140	3.56	25	
Benzo(b)fluoranthene	88.3	2.0	µg/L	100		88.3	40-140	2.88	25	
Benzo(g,h,i)perylene	84.9	2.0	µg/L	100		84.9	40-140	2.91	25	
Benzo(k)fluoranthene	88.6	2.0	µg/L	100		88.6	40-140	3.15	25	
Chrysene	84.7	2.0	µg/L	100		84.7	40-140	3.38	25	
Dibenz(a,h)anthracene	89.4	2.0	µg/L	100		89.4	40-140	2.38	25	
Fluoranthene	84.9	2.0	µg/L	100		84.9	40-140	2.51	25	
Fluorene	81.2	2.0	µg/L	100		81.2	40-140	1.27	25	
Indeno(1,2,3-cd)pyrene	82.4	2.0	µg/L	100		82.4	40-140	2.35	25	
2-Methylnaphthalene	71.6	2.0	µg/L	100		71.6	40-140	2.94	25	
Naphthalene	63.4	2.0	µg/L	100		63.4	40-140	2.24	25	
Phenanthrene	83.0	2.0	µg/L	100		83.0	40-140	2.15	25	
Pyrene	86.2	2.0	µg/L	100		86.2	40-140	2.68	25	
n-Decane	52.4	2.0	µg/L	100		52.4	40-140	9.08	25	
n-Docosane	105	2.0	µg/L	100		105	40-140	0.865	25	
n-Dodecane	67.0	2.0	µg/L	100		67.0	40-140	6.23	25	
n-Eicosane	100	2.0	µg/L	100		100	40-140	0.595	25	
n-Hexacosane	102	2.0	µg/L	100		102	40-140	0.910	25	
n-Hexadecane	90.6	2.0	µg/L	100		90.6	40-140	2.58	25	
n-Hexatriacontane	101	2.0	µg/L	100		101	40-140	0.346	25	
n-Nonadecane	96.3	2.0	µg/L	100		96.3	40-140	0.312	25	
n-Nonane	39.1	2.0	µg/L	100		39.1	30-140	9.74	25	
n-Octacosane	100	2.0	µg/L	100		100	40-140	0.636	25	
n-Octadecane	99.4	2.0	µg/L	100		99.4	40-140	0.697	25	
n-Tetracosane	101	2.0	µg/L	100		101	40-140	0.775	25	
n-Tetradecane	79.9	2.0	µg/L	100		79.9	40-140	4.35	25	
n-Triacontane	103	2.0	µg/L	100		103	40-140	0.657	25	
Naphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
2-Methylnaphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
Surrogate: Chlorooctadecane (COD)	*55.8*		µg/L	99.8		55.9	40-140			
Surrogate: o-Terphenyl (OTP)	*84.8*		µg/L	100		84.8	40-140			
Surrogate: 2-Bromonaphthalene	*97.0*		µg/L	100		97.0	40-140			
Surrogate: 2-Fluorobiphenyl	*98.7*		µg/L	100		98.7	40-140			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B054796 - SW-846 3050B											
Blank (B054796-BLK1)				Prepared & Analyzed: 07/11/12							
Antimony	ND	2.5	mg/Kg wet								
Arsenic	ND	2.5	mg/Kg wet								
Barium	ND	2.5	mg/Kg wet								
Beryllium	ND	0.25	mg/Kg wet								
Cadmium	ND	0.25	mg/Kg wet								
Chromium	ND	0.50	mg/Kg wet								
Lead	ND	0.75	mg/Kg wet								
Nickel	ND	0.50	mg/Kg wet								
Selenium	ND	5.0	mg/Kg wet								
Silver	ND	0.50	mg/Kg wet								
Thallium	ND	2.5	mg/Kg wet								
Vanadium	ND	1.0	mg/Kg wet								
Zinc	ND	1.0	mg/Kg wet								
LCS (B054796-BS1)				Prepared & Analyzed: 07/11/12							
Antimony	112	5.0	mg/Kg wet	120		93.5		2.5-219.2			
Arsenic	185	5.0	mg/Kg wet	168		110		83.3-117.3			
Barium	235	5.0	mg/Kg wet	213		110		54.9-116.9			
Beryllium	124	0.50	mg/Kg wet	110		113		84.2-116.4			
Cadmium	114	0.50	mg/Kg wet	103		111		83.6-115.5			
Chromium	131	1.0	mg/Kg wet	119		110		81.6-117.6			
Lead	77.8	1.5	mg/Kg wet	76.9		101		81.3-118.7			
Nickel	74.6	1.0	mg/Kg wet	70.0		107		81.7-118.1			
Selenium	124	10	mg/Kg wet	126		98.2		80.2-120.6			
Silver	41.0	1.0	mg/Kg wet	42.3		96.9		66.4-133.8			
Thallium	218	5.0	mg/Kg wet	208		105		81.3-118.8			
Vanadium	97.3	2.0	mg/Kg wet	87.1		112		77.6-122.8			
Zinc	305	2.0	mg/Kg wet	276		110		82.2-117.8			
LCS (B054796-BS2)				Prepared & Analyzed: 07/11/12							
Lead	0.685	0.70	mg/Kg wet	0.695		98.5		80-120			
LCS Dup (B054796-BSD1)				Prepared & Analyzed: 07/11/12							
Antimony	119	5.0	mg/Kg wet	120		99.1		2.5-219.2	5.83	30	
Arsenic	198	5.0	mg/Kg wet	168		**118**	*	83.3-117.3	6.35	30	L-07
Barium	243	5.0	mg/Kg wet	213		114		54.9-116.9	3.41	30	
Beryllium	131	0.50	mg/Kg wet	110		**119**	*	84.2-116.4	5.30	30	L-07
Cadmium	119	0.50	mg/Kg wet	103		**116**	*	83.6-115.5	4.49	30	L-07
Chromium	137	1.0	mg/Kg wet	119		115		81.6-117.6	4.89	30	
Lead	83.0	1.5	mg/Kg wet	76.9		108		81.3-118.7	6.53	30	
Nickel	79.1	1.0	mg/Kg wet	70.0		113		81.7-118.1	5.88	30	
Selenium	133	10	mg/Kg wet	126		105		80.2-120.6	6.89	30	
Silver	43.4	1.0	mg/Kg wet	42.3		103		66.4-133.8	5.62	30	
Thallium	228	5.0	mg/Kg wet	208		110		81.3-118.8	4.38	30	
Vanadium	103	2.0	mg/Kg wet	87.1		118		77.6-122.8	5.53	30	
Zinc	318	2.0	mg/Kg wet	276		115		82.2-117.8	4.26	30	

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B054797 - SW-846 7471										
Blank (B054797-BLK1)				Prepared & Analyzed: 07/11/12						
Mercury	ND	0.025	mg/Kg wet							
LCS (B054797-BS1)				Prepared & Analyzed: 07/11/12						
Mercury	4.13	0.33	mg/Kg wet	3.73		111	71.7-128.3			
LCS Dup (B054797-BSD1)				Prepared & Analyzed: 07/11/12						
Mercury	3.57	0.32	mg/Kg wet	3.73		95.7	71.7-128.3	14.5	30	
Batch B054799 - SW-846 7470A Prep										
Blank (B054799-BLK1)				Prepared & Analyzed: 07/11/12						
Mercury	ND	0.00010	mg/L							
LCS (B054799-BS1)				Prepared & Analyzed: 07/11/12						
Mercury	0.00207	0.00010	mg/L	0.00200		103	80-120			
LCS Dup (B054799-BSD1)				Prepared & Analyzed: 07/11/12						
Mercury	0.00208	0.00010	mg/L	0.00200		104	80-120	0.824	20	
Batch B055138 - SW-846 3005A										
Blank (B055138-BLK1)				Prepared & Analyzed: 07/16/12						
Antimony	ND	1.0	µg/L							
Arsenic	ND	0.40	µg/L							
Barium	ND	10	µg/L							
Beryllium	ND	0.40	µg/L							
Cadmium	ND	0.50	µg/L							
Chromium	ND	1.0	µg/L							
Lead	ND	1.0	µg/L							
Nickel	ND	5.0	µg/L							
Selenium	ND	5.0	µg/L							
Silver	ND	0.50	µg/L							
Thallium	ND	0.20	µg/L							
Vanadium	ND	5.0	µg/L							
Zinc	ND	10	µg/L							
LCS (B055138-BS1)				Prepared & Analyzed: 07/16/12						
Antimony	96.1	2.0	µg/L	100		96.1	80-120			
Arsenic	93.0	0.80	µg/L	100		93.0	80-120			
Barium	95.3	20	µg/L	100		95.3	80-120			
Beryllium	90.9	0.80	µg/L	100		90.9	80-120			
Cadmium	93.1	1.0	µg/L	100		93.1	80-120			
Chromium	99.6	2.0	µg/L	100		99.6	80-120			
Lead	97.7	2.0	µg/L	100		97.7	80-120			
Nickel	95.7	10	µg/L	100		95.7	80-120			
Selenium	92.6	10	µg/L	100		92.6	80-120			
Silver	90.5	1.0	µg/L	100		90.5	80-120			
Thallium	90.0	0.40	µg/L	100		90.0	80-120			
Vanadium	97.2	10	µg/L	100		97.2	80-120			
Zinc	92.2	20	µg/L	100		92.2	80-120			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B055138 - SW-846 3005A										
LCS Dup (B055138-BSD1)				Prepared & Analyzed: 07/16/12						
Antimony	96.2	2.0	µg/L	100		96.2	80-120	0.0660	20	
Arsenic	91.6	0.80	µg/L	100		91.6	80-120	1.52	20	
Barium	95.5	20	µg/L	100		95.5	80-120	0.239	20	
Beryllium	91.2	0.80	µg/L	100		91.2	80-120	0.339	20	
Cadmium	93.9	1.0	µg/L	100		93.9	80-120	0.866	20	
Chromium	99.2	2.0	µg/L	100		99.2	80-120	0.410	20	
Lead	96.9	2.0	µg/L	100		96.9	80-120	0.813	20	
Nickel	95.0	10	µg/L	100		95.0	80-120	0.684	20	
Selenium	90.4	10	µg/L	100		90.4	80-120	2.46	20	
Silver	91.3	1.0	µg/L	100		91.3	80-120	0.809	20	
Thallium	88.9	0.40	µg/L	100		88.9	80-120	1.14	20	
Vanadium	98.7	10	µg/L	100		98.7	80-120	1.49	20	
Zinc	91.6	20	µg/L	100		91.6	80-120	0.637	20	
Duplicate (B055138-DUP1)	**Source: 12G0278-03**			Prepared & Analyzed: 07/16/12						
Antimony	1.61	1.0	µg/L		1.67			3.84	20	
Arsenic	1.16	0.40	µg/L		1.28			10.4	20	
Barium	149	50	µg/L		151			1.10	20	
Beryllium	0.841	0.40	µg/L		0.823			2.17	20	
Cadmium	ND	0.50	µg/L		ND			NC	20	
Chromium	19.7	1.0	µg/L		20.6			4.69	20	
Lead	64.4	1.0	µg/L		63.3			1.77	20	
Nickel	12.8	5.0	µg/L		12.9			1.13	20	
Selenium	ND	5.0	µg/L		ND			NC	20	
Silver	ND	0.50	µg/L		ND			NC	20	
Thallium	ND	0.20	µg/L		ND			NC	20	
Vanadium	ND	5.0	µg/L		ND			NC	20	
Zinc	58.4	10	µg/L		59.7			2.28	20	
Matrix Spike (B055138-MS1)	**Source: 12G0278-03**			Prepared & Analyzed: 07/16/12						
Antimony	103	5.0	µg/L	100	1.67	102	75-125			
Arsenic	96.4	2.0	µg/L	100	1.28	95.1	75-125			
Barium	258	50	µg/L	100	151	107	75-125			
Beryllium	99.3	2.0	µg/L	100	0.823	98.5	75-125			
Cadmium	98.0	2.5	µg/L	100	ND	98.0	75-125			
Chromium	133	5.0	µg/L	100	20.6	112	75-125			
Lead	175	5.0	µg/L	100	63.3	111	75-125			
Nickel	109	25	µg/L	100	12.9	95.8	75-125			
Selenium	96.6	25	µg/L	100	0.617	96.0	75-125			
Silver	91.9	2.5	µg/L	100	ND	91.9	75-125			
Thallium	97.3	1.0	µg/L	100	ND	97.3	75-125			
Vanadium	111	25	µg/L	100	0.880	110	75-125			
Zinc	159	50	µg/L	100	59.7	99.6	75-125			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
L-14	Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria.
RL-07	Elevated reporting limit based on lowest point in calibration. MA CAM reporting limit not met.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
MADEP-EPH-04-1.1 in Soil	
C9-C18 Aliphatics	CT,NC,WA,ME
C19-C36 Aliphatics	CT,NC,WA,ME
Unadjusted C11-C22 Aromatics	CT,NC,WA,ME
C11-C22 Aromatics	CT,NC,WA,ME
Acenaphthene	CT,NC,WA,ME
Acenaphthylene	CT,NC,WA,ME
Anthracene	CT,NC,WA,ME
Benzo(a)anthracene	CT,NC,WA,ME
Benzo(a)pyrene	CT,NC,WA,ME
Benzo(b)fluoranthene	CT,NC,WA,ME
Benzo(g,h,i)perylene	CT,NC,WA,ME
Benzo(k)fluoranthene	CT,NC,WA,ME
Chrysene	CT,NC,WA,ME
Dibenz(a,h)anthracene	CT,NC,WA,ME
Fluoranthene	CT,NC,WA,ME
Fluorene	CT,NC,WA,ME
Indeno(1,2,3-cd)pyrene	CT,NC,WA,ME
2-Methylnaphthalene	CT,NC,WA,ME
Naphthalene	CT,NC,WA,ME
Phenanthrene	CT,NC,WA,ME
Pyrene	CT,NC,WA,ME
MADEP-EPH-04-1.1 in Water	
C9-C18 Aliphatics	CT,NC,WA,ME
C19-C36 Aliphatics	CT,NC,WA,ME
Unadjusted C11-C22 Aromatics	CT,NC,WA,ME
C11-C22 Aromatics	CT,NC,WA,ME
Acenaphthene	CT,NC,WA,ME
Acenaphthylene	CT,NC,WA,ME
Anthracene	CT,NC,WA,ME
Benzo(a)anthracene	CT,NC,WA,ME
Benzo(a)pyrene	CT,NC,WA,ME
Benzo(b)fluoranthene	CT,NC,WA,ME
Benzo(g,h,i)perylene	CT,NC,WA,ME
Benzo(k)fluoranthene	CT,NC,WA,ME
Chrysene	CT,NC,WA,ME
Dibenz(a,h)anthracene	CT,NC,WA,ME
Fluoranthene	CT,NC,WA,ME
Fluorene	CT,NC,WA,ME
Indeno(1,2,3-cd)pyrene	CT,NC,WA,ME
2-Methylnaphthalene	CT,NC,WA,ME
Naphthalene	CT,NC,WA,ME
Phenanthrene	CT,NC,WA,ME
Pyrene	CT,NC,WA,ME
SW-846 6010C in Soil	
Antimony	CT,NH,NY,NC,ME
Arsenic	CT,NH,NY,ME,NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010C in Soil	
Barium	CT,NH,NY,ME,NC
Beryllium	CT,NH,NY,ME,NC
Cadmium	CT,NH,NY,ME,NC
Chromium	CT,NH,NY,ME,NC
Lead	CT,NH,NY,AIHA,ME,NC
Nickel	CT,NH,NY,ME,NC
Selenium	CT,NH,NY,ME,NC
Silver	CT,NH,NY,ME,NC
Thallium	CT,NH,NY,ME,NC
Vanadium	CT,NH,NY,ME,NC
Zinc	CT,NH,NY,ME,NC
SW-846 6020A in Water	
Antimony	CT,NH,NY,RI,NC,ME
Arsenic	CT,NH,NY,RI,NC,ME
Barium	CT,NH,NY,RI,NC,ME
Beryllium	CT,NH,NY,RI,NC,ME
Cadmium	CT,NH,NY,RI,NC,ME
Chromium	CT,NH,NY,RI,NC,ME
Lead	CT,NH,NY,RI,NC,ME
Nickel	CT,NH,NY,RI,NC,ME
Selenium	CT,NH,NY,RI,NC,ME
Silver	CT,NH,NY,RI,NC,ME
Thallium	CT,NH,NY,RI,NC,ME
Vanadium	CT,NC,NH,NY,RI,ME
Zinc	CT,NH,NY,RI,NC,ME
SW-846 7470A in Water	
Mercury	CT,NH,NY,RI,NC,ME
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME
SW-846 8260C in Soil	
Acetone	CT,NH,NY,ME
Acetone	CT,NH,NY,ME
Benzene	CT,NH,NY,ME
Benzene	CT,NH,NY,ME
Bromobenzene	NH,NY,ME
Bromobenzene	NH,NY,ME
Bromochloromethane	NH,NY,ME
Bromochloromethane	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	CT,NH,NY,ME
n-Butylbenzene	CT,NH,NY,ME
sec-Butylbenzene	CT,NH,NY,ME
sec-Butylbenzene	CT,NH,NY,ME
tert-Butylbenzene	CT,NH,NY,ME
tert-Butylbenzene	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME
4-Chlorotoluene	CT,NH,NY,ME
4-Chlorotoluene	CT,NH,NY,ME
Dibromomethane	NH,NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NY,ME
Dichlorodifluoromethane (Freon 12)	NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	CT,NH,NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
1,3-Dichloropropane	NH,NY,ME
1,3-Dichloropropane	NH,NY,ME
2,2-Dichloropropane	NH,NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Hexachlorobutadiene	NH,NY,ME
Hexachlorobutadiene	NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	CT,NH,NY,ME
p-Isopropyltoluene (p-Cymene)	NY
p-Isopropyltoluene (p-Cymene)	NY
Methylene Chloride	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
Naphthalene	NH,NY,ME
Naphthalene	NH,NY,ME
n-Propylbenzene	NY
n-Propylbenzene	NY
Styrene	CT,NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
1,2,3-Trichlorobenzene	ME
1,2,4-Trichlorobenzene	NH,NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,4-Trimethylbenzene	CT,NH,NY,ME
1,2,4-Trimethylbenzene	CT,NH,NY,ME
1,3,5-Trimethylbenzene	CT,NH,NY,ME
1,3,5-Trimethylbenzene	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME
SW-846 8260C in Water	
Acetone	CT,NH,NY,ME
tert-Amyl Methyl Ether (TAME)	NH,NY,ME
Benzene	CT,NH,NY,ME,RI
Bromobenzene	ME
Bromochloromethane	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME,RI
Bromoform	CT,NH,NY,ME,RI
Bromomethane	CT,NH,NY,ME,RI
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	NY,ME
sec-Butylbenzene	NY,ME
tert-Butylbenzene	NY,ME
tert-Butyl Ethyl Ether (TBEE)	NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME,RI
Chlorobenzene	CT,NH,NY,ME,RI
Chlorodibromomethane	CT,NH,NY,ME,RI
Chloroethane	CT,NH,NY,ME,RI
Chloroform	CT,NH,NY,ME,RI
Chloromethane	CT,NH,NY,ME,RI
2-Chlorotoluene	NY,ME
4-Chlorotoluene	NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NY,ME,RI
1,3-Dichlorobenzene	CT,NH,NY,ME,RI
1,4-Dichlorobenzene	CT,NH,NY,ME,RI
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,RI
1,1-Dichloroethane	CT,NH,NY,ME,RI
1,2-Dichloroethane	CT,NH,NY,ME,RI
1,1-Dichloroethylene	CT,NH,NY,ME,RI
cis-1,2-Dichloroethylene	NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
trans-1,2-Dichloroethylene	CT,NH,NY,ME,RI
1,2-Dichloropropane	CT,NH,NY,ME,RI
1,3-Dichloropropane	NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME,RI
trans-1,3-Dichloropropene	CT,NH,NY,ME,RI
Diisopropyl Ether (DIPE)	NH,NY,ME
Ethylbenzene	CT,NH,NY,ME,RI
Hexachlorobutadiene	CT,NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	NY,ME
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,ME
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME,RI
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,ME
Naphthalene	NH,NY,ME
n-Propylbenzene	CT,NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,RI
Tetrachloroethylene	CT,NH,NY,ME,RI
Toluene	CT,NH,NY,ME,RI
1,2,3-Trichlorobenzene	NH,NY,ME
1,2,4-Trichlorobenzene	CT,NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME,RI
1,1,2-Trichloroethane	CT,NH,NY,ME,RI
Trichloroethylene	CT,NH,NY,ME,RI
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,RI
1,2,3-Trichloropropane	NH,NY,ME
1,2,4-Trimethylbenzene	NY,ME
1,3,5-Trimethylbenzene	NY,ME
Vinyl Chloride	CT,NH,NY,ME,RI
m+p Xylene	CT,NH,NY,ME,RI
o-Xylene	CT,NH,NY,ME,RI

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The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

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❑ 78 Interstate Drive, West Springfield, MA 01089

317 Iron Horse Way #204
❑ 50 Redfield Street, Suite 100, Boston, MA 02122
~~X~~ ~~275 Promenade Street, Suite 350~~, Providence, RI 02908
❑ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 24262

Turnaround
❑ 1 Day* ❑ 3 Days* ❑ Other _____ (days)
❑ 2 Days* X Standard (____ days) *Surcharge Applies

PROJECT NAME	PROJECT LOCATION	PROJECT NUMBER	LABORATORY
Nu-Style	Franklin MA	20050458 F31	Contest

REPORT TO: Dave Fuss
INVOICE TO: ↓
P.O. NO.: 10282005045 8F31
Sampler's Signature: [signature] Date: 7/10/12

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other Trip Blank

Analysis Request

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	VOCs-8260	CAM 14 Metals 6010/7471	EPH w/ targets MassDEP	Soil VOA Vial, [X] methanol	Soil VOA Vial, [ ] water	Glass Soil Container (8) oz	Glass Soil Container ( ) oz	Other:	Water VOA Vial, [ ] As is [X] HCl	Glass Amber (1000) ml, [ ] As is [X] HCl	Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml	Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml	Plastic - HNO_3, 250 ml [ ] Filtered [X] Unfiltered	Plastic - NaOH, 250 ml	Comments
1	✓	✓	✓		102812071O-01	B	7/10/12	1140	✓	✓	✓	1	2	2									
2	✓	✓	✓		02	B		1150				1	2	2									
3	✓	✓	✓		03	SW		1205									2	2		1			
4	✓	✓	✓		04	SW		1215									2	2		1			
5	✓	✓	✓		05	X		1245				1											Trip Blank

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	Fridge	7/10/12	1430
2	Fed Ex	[signature]	7/10/12	1545
3	[signature]	Paul Ravenet	7/10/12	1545
4	Paul Ravenet	[signature] 2-7	7/10/12	1910

Reporting and Detection Limit Requirements: MassDEP Method 1 GW-2/3, S-1/2/3
Additional Comments:

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East Longmeadow, MA. 01028
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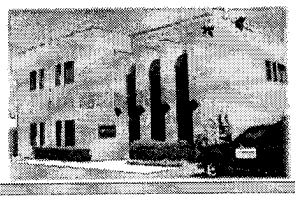

Sample Receipt Checklist

CLIENT NAME: Fuss & O'Neill **RECEIVED BY:** WF **DATE:** 7-10-12

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No No CoC Included

2) **Does the chain agree with the samples?** (Yes) No
If not, explain:

3) **Are all the samples in good condition?** (Yes) No
If not, explain:

4) **How were the samples received:**
On Ice [X] Direct from Sampling [ ] Ambient [ ] In Cooler(s) [X]
Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 2.7

5) **Are there Dissolved samples for the lab to filter?** Yes (No)
Who was notified _____ Date _____ Time _____

6) **Are there any RUSH or SHORT HOLDING TIME samples?** Yes (No)
Who was notified _____ Date _____ Time _____

7) **Location where samples are stored:** 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) **Do all samples have the proper Acid pH:** (Yes) No N/A _____

9) **Do all samples have the proper Base pH:** Yes No (N/A) _____

10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber	4	8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)	4	2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	11	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other	2	Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 12G0278
Project Location: Franklin, MA	RTN:

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]

12G0278-01 thru 12G0278-05

Matrices: Soil Water

CAM Protocol (check all that below)

8260 VOC CAM II A (X)	7470/7471 Hg CAM IIIB (X)	MassDEP VPH CAM IV A ( )	8081 Pesticides CAM V B ( )	7196 Hex Cr CAM VI B ( )	MassDEP APH CAM IX A ( )
8270 SVOC CAM II B ( )	7010 Metals CAM III C ( )	MassDEP EPH CAM IV A (X)	8151 Herbicides CAM V C ( )	8330 Explosives CAM VIII A ( )	TO-15 VOC CAM IX B ( )
6010 Metals CAM III A (X)	6020 Metals CAM III D (X)	8082 PCB CAM V A ( )	9014 Total Cyanide/PAC CAM VI A ( )	6860 Perchlorate CAM VIII B ( )	

Affirmative response to Questions A throughF is required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	☑ Yes	☐ No[1]
B	Were the analytical method(s) and all associated QC requirements specificed in the selected CAM protocol(s) followed?	☑ Yes	☐ No[1]
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	☑ Yes	☐ No[1]
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, Quality Assurance and Quality Control Guidlines for the Acquisition and Reporting of Analytical Data?	☑ Yes	☐ No[1]
E a	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	☑ Yes	☐ No[1]
E b	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	☐ Yes	☐ No[1]
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all No responses to Qestions A through E)?	☑ Yes	☐ No[1]

A response to questions G, H and I below is required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	☐ Yes	☑ No[1]

<u>Data User Note:</u> Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.

H	Were all QC perfomance standards specified in the CAM protocol(s) achieved?	☐ Yes	☑ No[1]
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	☑ Yes	☐ No[1]

[1] *All Negative responses must be addressed in an attached Environmental Laboratory case narrative.*

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

Signature:  Position: Laboratory Director

Printed Name: Michael A. Erickson Date: 07/17/12

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August 1, 2012

David Foss
Fuss & O'Neill - Providence
317 Iron Horse Way, Suite 204
Providence, RI 02908

Project Location: Franklin, MA
Client Job Number:
Project Number: 20050458.F31
Laboratory Work Order Number: 12G0924

Enclosed are results of analyses for samples received by the laboratory on July 27, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

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

Fuss & O'Neill - Providence
317 Iron Horse Way, Suite 204
Providence, RI 02908
ATTN: David Foss

REPORT DATE: 8/1/2012

PURCHASE ORDER NUMBER: 102820050458F31

PROJECT NUMBER: 20050458.F31

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12G0924

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

PROJECT LOCATION: Franklin, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
1028120710-01	12G0924-01	Soil		SM 2540G	
				SW-846 1311	
				SW-846 6010C	
1028120710-02	12G0924-02	Soil		SM 2540G	
				SW-846 1311	
				SW-846 6010C	

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CASE NARRATIVE SUMMARY

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

For method 6010, only Cr and Pb results were requested and reported.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those 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.

Michael A. Erickson
Laboratory Director

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

Project Location: Franklin, MA | Sample Description: | Work Order: 12G0924

Date Received: 7/27/2012

Field Sample #: 1028120710-01 | Sampled: 7/10/2012 11:40

Sample ID: 12G0924-01

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	68.5		% Wt	1		SM 2540G	7/28/12	7/29/12 15:11	WAL

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Project Location: Franklin, MA | Sample Description: | Work Order: 12G0924

Date Received: 7/27/2012

Field Sample #: 1028120710-01 | Sampled: 7/10/2012 11:40

Sample ID: 12G0924-01

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Chromium	0.015	0.010	mg/L	1		SW-846 6010C	7/31/12	7/31/12 14:53	OP
Lead	0.99	0.010	mg/L	1		SW-846 6010C	7/31/12	7/31/12 14:53	OP

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Project Location: Franklin, MA | Sample Description: | Work Order: 12G0924

Date Received: 7/27/2012

Field Sample #: 1028120710-02 | Sampled: 7/10/2012 11:50

Sample ID: 12G0924-02

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	51.5		% Wt	1		SM 2540G	7/28/12	7/29/12 15:11	WAL

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

Project Location: Franklin, MA | Sample Description: | Work Order: 12G0924

Date Received: 7/27/2012

Field Sample #: 1028120710-02 | Sampled: 7/10/2012 11:50

Sample ID: 12G0924-02

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Chromium	0.075	0.010	mg/L	1		SW-846 6010C	7/31/12	7/31/12 14:23	OP
Lead	1.9	0.010	mg/L	1		SW-846 6010C	7/31/12	7/31/12 14:23	OP

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12G0924-01 [1028120710-01]	B055993	07/28/12
12G0924-02 [1028120710-02]	B055993	07/28/12

Prep Method: SW-846 3010A-SW-846 6010C **Leachates were extracted on 7/30/2012 per SW-846 1311 in Batch B056037**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12G0924-01 [1028120710-01]	B056079	50.0	50.0	07/31/12
12G0924-02 [1028120710-02]	B056079	50.0	50.0	07/31/12

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QUALITY CONTROL

TCLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B056079 - SW-846 3010A										
Blank (B056079-BLK1)				Prepared & Analyzed: 07/31/12						
Chromium	ND	0.010	mg/L							
Lead	ND	0.010	mg/L							
LCS (B056079-BS1)				Prepared & Analyzed: 07/31/12						
Chromium	0.504	0.010	mg/L	0.500		101	80-120			
Lead	0.464	0.010	mg/L	0.500		92.7	80-120			
LCS Dup (B056079-BSD1)				Prepared & Analyzed: 07/31/12						
Chromium	0.484	0.010	mg/L	0.500		96.8	80-120	4.03	20	
Lead	0.449	0.010	mg/L	0.500		89.8	80-120	3.21	20	
Matrix Spike (B056079-MS1)	**Source: 12G0924-02**			Prepared & Analyzed: 07/31/12						
Chromium	0.554	0.010	mg/L	0.500	0.0750	95.8	75-125			
Lead	2.29	0.010	mg/L	0.500	1.86	86.6	75-125			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010C in Water	
Chromium	NY,CT,ME,NC,NH
Lead	NY,CT,ME,NC,NH

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2013
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

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☐ 50 Redfield Street, Suite 100, Boston, MA 02122
☒ ~~275 Promenade Street, Suite 350~~ 317 Iron Horse Way #204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 24262

Turnaround
☐ 1 Day* ☐ 2 Days* ☐ 3 Days* ☒ Standard (____ days) ☐ Other ______ (days) *Surcharge Applies

PROJECT NAME: Nu-Style
PROJECT LOCATION: Franklin MA
PROJECT NUMBER: 20050458F31
LABORATORY: Contest

REPORT TO: Dave Fass
INVOICE TO: ↓
P.O. NO.: 10282065045 8F31
Sampler's Signature: [illegible] Date: 7/10/12

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other Trip Blank

Analysis Request / Containers

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	VOCs-8260	CAM 14 Metals 6010/7471	EPH w/ targets MassDEP	TCLP PB+CR *	Soil VOA Vial, [X] methanol	Soil VOA Vial, [ ] water	Glass Soil Container (8) oz	Glass Soil Container ( ) oz	Other:	Water VOA Vial, [ ] As is [X] HCl	Glass Amber (1000 ml) [ ] As is [ ] ~~H2SO4~~ HCl	Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml	Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml	Plastic - HNO_3, 250 ml [ ] Filtered [X] Unfiltered	Plastic - NaOH, 250 ml	Comments
1	✓	✓	✓		1028120710-01	B	7/10/12	1140	✓	✓	✓	⊗	1	2	2									
2	✓	✓	✓		02	B	↓	1150	↓	↓	↓	⊗	1	2	2									
3	✓	✓	✓		03	SW	↓	1205	↓	↓	↓							2	2			1		
4	✓	✓	✓		04	SW	↓	1215	↓	↓	↓							2	2			1		
5	✓	✓	✓		05	X	↓	1245	↓				1											Trip Blank

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[illegible]	Eric Dodge	7/10/12	1430
2	Eric Dodge	Paul Rancourt	7/10/12	1545
3	Paul Rancourt	Paul Rancourt	7/10/12	1545
4	Paul Rancourt	[illegible] 2-7	7/10/12	1910

Reporting and Detection Limit Requirements: MassDEP Method 1 GW-2/3, S-1/2/3
Additional Comments: * TCLP PB+CR per client e-mail

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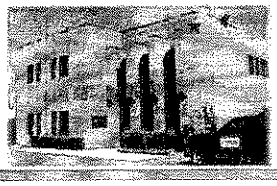

Sample Receipt Checklist

CLIENT NAME: Fuss & Oneill RECEIVED BY: WF DATE: 7-10-12

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No No CoC Included

2) **Does the chain agree with the samples?** (Yes) No

If not, explain:

3) **Are all the samples in good condition?** (Yes) No

If not, explain:

4) **How were the samples received:**

On Ice [X] Direct from Sampling [ ] Ambient [ ] In Cooler(s) [X]

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 2.7

5) **Are there Dissolved samples for the lab to filter?** Yes (No)

Who was notified _____ Date _____ Time _____

6) **Are there any RUSH or SHORT HOLDING TIME samples?** Yes (No)

Who was notified _____ Date _____ Time _____

7) **Location where samples are stored:** 19

Permission to subcontract samples? Yes No

(Walk-in clients only) if not already approved

Client Signature: _____

8) **Do all samples have the proper Acid pH:** (Yes) No N/A _____

9) **Do all samples have the proper Base pH:** Yes No (N/A) _____

10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No ~~N/A~~

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber	4	8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)	4	2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	11	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other	2	Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____

Bisulfate _____ # DI Water _____

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 12G0924
Project Location: Franklin, MA	RTN:

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]

12G0924-01 thru 12G0924-02

Matrices: Soil

CAM Protocol (check all that below)

8260 VOC CAM II A ( )	7470/7471 Hg CAM IIIB ( )	MassDEP VPH CAM IV A ( )	8081 Pesticides CAM V B ( )	7196 Hex Cr CAM VI B ( )	MassDEP APH CAM IX A ( )
8270 SVOC CAM II B ( )	7010 Metals CAM III C ( )	MassDEP EPH CAM IV A ( )	8151 Herbicides CAM V C ( )	8330 Explosives CAM VIII A ( )	TO-15 VOC CAM IX B ( )
6010 Metals CAM III A (X)	6020 Metals CAM III D ( )	8082 PCB CAM V A ( )	9014 Total Cyanide/PAC CAM VI A ( )	6860 Perchlorate CAM VIII B ( )	

Affirmative response to Questions A throughF is required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	☑ Yes	☐ No[1]
B	Were the analytical method(s) and all associated QC requirements specificed in the selected CAM protocol(s) followed?	☑ Yes	☐ No[1]
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	☑ Yes	☐ No[1]
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, Quality Assurance and Quality Control Guidlines for the Acquisition and Reporting of Analytical Data?	☑ Yes	☐ No[1]
E a	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	☐ Yes	☐ No[1]
E b	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	☐ Yes	☐ No[1]
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all No responses to Qestions A through E)?	☑ Yes	☐ No[1]

A response to questions G, H and I below is required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	☑ Yes	☐ No[1]

<u>Data User Note:</u> Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.

H	Were all QC perfomance standards specified in the CAM protocol(s) achieved?	☑ Yes	☐ No[1]
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	☐ Yes	☑ No[1]

[1] *All Negative responses must be addressed in an attached Environmental Laboratory case narrative.*

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

Signature:  Position: Laboratory Director

Printed Name: Michael A. Erickson Date: 08/01/12

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August 29, 2012

Daniel LaFrance
Fuss & O'Neill - Providence
317 Iron Horse Way, Suite 204
Providence, RI 02908

Project Location: Nu-Style, Franklin MA
Client Job Number:
Project Number: 20050458.F31
Laboratory Work Order Number: 12H0726

Enclosed are results of analyses for samples received by the laboratory on August 22, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

con-test® ANALYTICAL LABORATORY

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Fuss & O'Neill - Providence
317 Iron Horse Way, Suite 204
Providence, RI 02908
ATTN: Daniel LaFrance

REPORT DATE: 8/29/2012

PURCHASE ORDER NUMBER: 102820050458-F31

PROJECT NUMBER: 20050458.F31

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12H0726

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

PROJECT LOCATION: Nu-Style, Franklin MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
1028120820-01	12H0726-01	Soil		SM 2540G	
				SW-846 8260C	
1028120820-02	12H0726-02	Soil		SM 2540G	
				SW-846 8260C	
1028120820-03	12H0726-03	Soil		SM 2540G	
				SW-846 8260C	
1028120820-04	12H0726-04	Soil		SM 2540G	
				SW-846 8260C	
1028120820-05	12H0726-05	Soil		SM 2540G	
				SW-846 8260C	
1028120820-06	12H0726-06	Soil		SM 2540G	
				SW-846 8260C	
1028120820-07	12H0726-07	Soil		SM 2540G	
				SW-846 8260C	
1028120820-08	12H0726-08	Soil		SM 2540G	
				SW-846 8260C	
1028120820-09	12H0726-09	Trip Blank Soil		SW-846 8260C	

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CASE NARRATIVE SUMMARY

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

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SW-846 8260C

Qualifications:

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

Analyte & Samples(s) Qualified:

Dichlorodifluoromethane (Freon 12), Tetrahydrofuran, Vinyl Chloride

12H0726-05[1028120820-05], 12H0726-06[1028120820-06], 12H0726-07[1028120820-07], 12H0726-08[1028120820-08], 12H0726-09[1028120820-09], B057540-BLK1, B057540-BS1, B057540-BSD1, B057692-BLK1, B057692-BS1, B057692-BSD1, B057706-BLK1, B057706-BS1, B057706-BSD1, B057714-BLK1, B057714-BS1, B057714-BSD1

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

Analyte & Samples(s) Qualified:

Bromomethane, Tetrahydrofuran

B057540-BS1, B057706-BS1, B057692-BS1

Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria.

Analyte & Samples(s) Qualified:

1,4-Dioxane, 2-Butanone (MEK), Acetone, Bromomethane, Chloromethane, Dichlorodifluoromethane (Freon 12)

B057714-BS1, B057540-BS1, B057706-BS1, B057540-BSD1, B057706-BSD1, B057626-BS1, B057692-BS1, B057692-BSD1, B057714-BSD1, B057626-BSD1

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

Analyte & Samples(s) Qualified:

1,4-Dioxane, Bromomethane, Chloromethane, Dichlorodifluoromethane (Freon 12), Tetrachloroethylene, Trichloroethylene, Vinyl Chloride

12H0726-01[1028120820-01], B057626-MS1

Elevated reporting limit due to high concentration of target compounds. MA CAM reporting limit not met.

Analyte & Samples(s) Qualified:

12H0726-07[1028120820-07]

Elevated reporting limit based on lowest point in calibration.
MA CAM reporting limit not met.

Analyte & Samples(s) Qualified:

1,2-Dibromo-3-chloropropane (DBCP), Bromoform, Carbon Disulfide, Chlorodibromomethane, Methylene Chloride

12H0726-09[1028120820-09]

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

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene, 1,2-Dibromo-3-chloropropane (DBCP), 1,4-Dioxane, 2-Butanone (MEK), Acetone, Chloromethane, Naphthalene, Tetrahydrofuran

12H0726-09[1028120820-09], B057540-BLK1, B057540-BS1, B057540-BSD1, 12H0726-07[1028120820-07], B057706-BLK1, B057706-BS1, B057706-BSD1, B057692-BLK1, B057692-BS1, B057692-BSD1

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

Analyte & Samples(s) Qualified:

1,2-Dibromo-3-chloropropane (DBCP), 1,4-Dioxane, Acetone, Tetrahydrofuran

12H0726-01[1028120820-01], 12H0726-02[1028120820-02], 12H0726-03[1028120820-03], 12H0726-04[1028120820-04], 12H0726-05[1028120820-05], 12H0726-06[1028120820-06], 12H0726-08[1028120820-08], B057626-BLK1, B057626-BS1, B057626-BSD1, B057626-MS1, B057714-BLK1, B057714-BS1, B057714-BSD1, 12H0726-07[1028120820-07], 12H0726-09[1028120820-09], B057540-BLK1, B057540-BS1, B057540-BSD1, B057692-BLK1, B057692-BS1, B057692-BSD1, B057706-BLK1, B057706-BS1, B057706-BSD1

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

Analyte & Samples(s) Qualified:

1,1,1,2-Tetrachloroethane, 1,2-Dichloroethane, Acetone, Bromodichloromethane, Bromomethane, Carbon Tetrachloride, Chlorodibromomethane, Dichlorodifluoromethane (Freon 12)

B057626-BS1, B057626-BSD1, B057714-BS1, B057714-BSD1, B057706-BS1, B057706-BSD1, B057540-BS1, B057540-BSD1

SW-846 8260C

Laboratory control sample recoveries for required MCP Data Enhancement 8260 compounds were all within limits specified by the method except for “difficult analytes” where recovery control limits of 40-160% are used and/or unless otherwise listed in this narrative. Difficult analytes: MIBK, MEK, acetone, 1,4-dioxane, chloromethane, dichlorodifluoromethane, 2-hexanone, and bromomethane.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Daren J. Damboragian
Laboratory Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12H0726

Date Received: 8/22/2012

Field Sample #: 1028120820-01 | Sampled: 8/20/2012 13:40

Sample ID: 12H0726-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.099	mg/Kg dry	1	V-16	SW-846 8260C	8/24/12	8/24/12 8:25	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00099	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
Benzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
Bromobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
Bromochloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
Bromodichloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
Bromoform	ND	0.0039	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
Bromomethane	ND	0.0099	mg/Kg dry	1	MS-07	SW-846 8260C	8/24/12	8/24/12 8:25	MFF
2-Butanone (MEK)	ND	0.039	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
n-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
sec-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
tert-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00099	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
Carbon Disulfide	ND	0.0059	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
Carbon Tetrachloride	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
Chlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
Chlorodibromomethane	ND	0.00099	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
Chloroethane	ND	0.0099	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
Chloroform	ND	0.0039	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
Chloromethane	ND	0.0099	mg/Kg dry	1	MS-07	SW-846 8260C	8/24/12	8/24/12 8:25	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg dry	1	V-16	SW-846 8260C	8/24/12	8/24/12 8:25	MFF
1,2-Dibromoethane (EDB)	ND	0.00099	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
Dibromomethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0099	mg/Kg dry	1	MS-07	SW-846 8260C	8/24/12	8/24/12 8:25	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
1,1-Dichloroethylene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
1,3-Dichloropropane	ND	0.00099	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
cis-1,3-Dichloropropene	ND	0.00099	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
trans-1,3-Dichloropropene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
Diethyl Ether	ND	0.0099	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
Diisopropyl Ether (DIPE)	ND	0.00099	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
1,4-Dioxane	ND	0.099	mg/Kg dry	1	MS-07, V-16	SW-846 8260C	8/24/12	8/24/12 8:25	MFF
Ethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12H0726

Date Received: 8/22/2012

Field Sample #: 1028120820-01 | Sampled: 8/20/2012 13:40

Sample ID: 12H0726-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
2-Hexanone (MBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0039	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
Methylene Chloride	ND	0.0099	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
Naphthalene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
n-Propylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
Styrene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
1,1,2,2-Tetrachloroethane	ND	0.00099	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
Tetrachloroethylene	0.031	0.0020	mg/Kg dry	1	MS-07	SW-846 8260C	8/24/12	8/24/12 8:25	MFF
Tetrahydrofuran	ND	0.0099	mg/Kg dry	1	V-16	SW-846 8260C	8/24/12	8/24/12 8:25	MFF
Toluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
Trichloroethylene	0.038	0.0020	mg/Kg dry	1	MS-07	SW-846 8260C	8/24/12	8/24/12 8:25	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0099	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
Vinyl Chloride	ND	0.0099	mg/Kg dry	1	MS-07	SW-846 8260C	8/24/12	8/24/12 8:25	MFF
m+p Xylene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF
o-Xylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:25	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	105	70-130		8/24/12 8:25
Toluene-d8	100	70-130		8/24/12 8:25
4-Bromofluorobenzene	99.5	70-130		8/24/12 8:25

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

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12H0726

Date Received: 8/22/2012

Field Sample #: 1028120820-01 | Sampled: 8/20/2012 13:40

Sample ID: 12H0726-01

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	96.6		% Wt	1		SM 2540G	8/28/12	8/29/12 7:47	CMF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12H0726

Date Received: 8/22/2012

Field Sample #: 1028120820-02 | Sampled: 8/20/2012 13:50

Sample ID: 12H0726-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.14	mg/Kg dry	1	V-16	SW-846 8260C	8/24/12	8/24/12 8:51	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
Benzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
Bromobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
Bromochloromethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
Bromodichloromethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
Bromoform	ND	0.0055	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
Bromomethane	ND	0.014	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
2-Butanone (MEK)	ND	0.055	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
n-Butylbenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
sec-Butylbenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
tert-Butylbenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
Carbon Disulfide	ND	0.0082	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
Carbon Tetrachloride	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
Chlorobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
Chlorodibromomethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
Chloroethane	ND	0.014	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
Chloroform	ND	0.0055	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
Chloromethane	ND	0.014	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
2-Chlorotoluene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
4-Chlorotoluene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0027	mg/Kg dry	1	V-16	SW-846 8260C	8/24/12	8/24/12 8:51	MFF
1,2-Dibromoethane (EDB)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
Dibromomethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
1,2-Dichlorobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
1,3-Dichlorobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
1,4-Dichlorobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.014	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
1,1-Dichloroethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
1,2-Dichloroethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
1,1-Dichloroethylene	ND	0.0055	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
cis-1,2-Dichloroethylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
trans-1,2-Dichloroethylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
1,2-Dichloropropane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
1,3-Dichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
2,2-Dichloropropane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
1,1-Dichloropropene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
cis-1,3-Dichloropropene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
trans-1,3-Dichloropropene	ND	0.0055	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
Diethyl Ether	ND	0.014	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
Diisopropyl Ether (DIPE)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
1,4-Dioxane	ND	0.14	mg/Kg dry	1	V-16	SW-846 8260C	8/24/12	8/24/12 8:51	MFF
Ethylbenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12H0726

Date Received: 8/22/2012

Field Sample #: 1028120820-02 | Sampled: 8/20/2012 13:50

Sample ID: 12H0726-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
2-Hexanone (MBK)	ND	0.027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
Isopropylbenzene (Cumene)	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0055	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
Methylene Chloride	ND	0.014	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
Naphthalene	ND	0.0055	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
n-Propylbenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
Styrene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
1,1,1,2-Tetrachloroethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
1,1,2,2-Tetrachloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
Tetrachloroethylene	0.14	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
Tetrahydrofuran	ND	0.014	mg/Kg dry	1	V-16	SW-846 8260C	8/24/12	8/24/12 8:51	MFF
Toluene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
1,2,3-Trichlorobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
1,2,4-Trichlorobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
1,1,1-Trichloroethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
1,1,2-Trichloroethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
Trichloroethylene	0.012	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
Trichlorofluoromethane (Freon 11)	ND	0.014	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
1,2,3-Trichloropropane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
1,2,4-Trimethylbenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
1,3,5-Trimethylbenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
Vinyl Chloride	ND	0.014	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
m+p Xylene	ND	0.0055	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF
o-Xylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 8:51	MFF

Surrogates	% Recovery	Recovery Limits	Flag		
1,2-Dichloroethane-d4	105	70-130		8/24/12	8:51
Toluene-d8	95.6	70-130		8/24/12	8:51
4-Bromofluorobenzene	84.7	70-130		8/24/12	8:51

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

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12H0726

Date Received: 8/22/2012

Field Sample #: 1028120820-02 | Sampled: 8/20/2012 13:50

Sample ID: 12H0726-02

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	72.5		% Wt	1		SM 2540G	8/28/12	8/29/12 7:47	CMF

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

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12H0726

Date Received: 8/22/2012

Field Sample #: 1028120820-03 | Sampled: 8/20/2012 14:20

Sample ID: 12H0726-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.094	mg/Kg dry	1	V-16	SW-846 8260C	8/24/12	8/24/12 10:09	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
Benzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
Bromobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
Bromochloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
Bromodichloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
Bromoform	ND	0.0038	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
Bromomethane	ND	0.0094	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
2-Butanone (MEK)	ND	0.038	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
n-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
sec-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
tert-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
Carbon Disulfide	ND	0.0057	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
Carbon Tetrachloride	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
Chlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
Chlorodibromomethane	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
Chloroethane	ND	0.0094	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
Chloroform	ND	0.0038	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
Chloromethane	ND	0.0094	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
2-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
4-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	mg/Kg dry	1	V-16	SW-846 8260C	8/24/12	8/24/12 10:09	MFF
1,2-Dibromoethane (EDB)	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
Dibromomethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
1,2-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
1,3-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
1,4-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0094	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
1,1-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
1,2-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
1,1-Dichloroethylene	ND	0.0038	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
cis-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
trans-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
1,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
1,3-Dichloropropane	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
2,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
1,1-Dichloropropene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
cis-1,3-Dichloropropene	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
trans-1,3-Dichloropropene	ND	0.0038	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
Diethyl Ether	ND	0.0094	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
Diisopropyl Ether (DIPE)	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
1,4-Dioxane	ND	0.094	mg/Kg dry	1	V-16	SW-846 8260C	8/24/12	8/24/12 10:09	MFF
Ethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12H0726

Date Received: 8/22/2012

Field Sample #: 1028120820-03 | Sampled: 8/20/2012 14:20

Sample ID: 12H0726-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
2-Hexanone (MBK)	ND	0.019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
Isopropylbenzene (Cumene)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0038	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
Methylene Chloride	ND	0.0094	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
Naphthalene	ND	0.0038	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
n-Propylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
Styrene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
1,1,1,2-Tetrachloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
1,1,2,2-Tetrachloroethane	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
Tetrachloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
Tetrahydrofuran	ND	0.0094	mg/Kg dry	1	V-16	SW-846 8260C	8/24/12	8/24/12 10:09	MFF
Toluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
1,2,3-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
1,2,4-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
1,1,1-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
1,1,2-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
Trichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0094	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
1,2,3-Trichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
1,2,4-Trimethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
1,3,5-Trimethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
Vinyl Chloride	ND	0.0094	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
m+p Xylene	ND	0.0038	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF
o-Xylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:09	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	108	70-130		8/24/12 10:09
Toluene-d8	99.1	70-130		8/24/12 10:09
4-Bromofluorobenzene	97.6	70-130		8/24/12 10:09

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12H0726

Date Received: 8/22/2012

Field Sample #: 1028120820-03 | Sampled: 8/20/2012 14:20

Sample ID: 12H0726-03

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.7		% Wt	1		SM 2540G	8/28/12	8/29/12 7:47	CMF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12H0726

Date Received: 8/22/2012

Field Sample #: 1028120820-04 | Sampled: 8/20/2012 14:30

Sample ID: 12H0726-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260C	8/24/12	8/24/12 10:35	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
Benzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
Bromobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
Bromochloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
Bromodichloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
Bromoform	ND	0.0045	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
2-Butanone (MEK)	ND	0.045	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
n-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
sec-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
tert-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
Carbon Disulfide	ND	0.0068	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
Carbon Tetrachloride	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
Chlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
Chloroethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
Chloroform	ND	0.0045	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
2-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
4-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	mg/Kg dry	1	V-16	SW-846 8260C	8/24/12	8/24/12 10:35	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
Dibromomethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
1,2-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
1,3-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
1,4-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.011	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
1,1-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
1,2-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
1,1-Dichloroethylene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
cis-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
trans-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
1,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
2,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
1,1-Dichloropropene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
trans-1,3-Dichloropropene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
Diethyl Ether	ND	0.011	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
Diisopropyl Ether (DIPE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
1,4-Dioxane	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260C	8/24/12	8/24/12 10:35	MFF
Ethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12H0726

Date Received: 8/22/2012

Field Sample #: 1028120820-04 | Sampled: 8/20/2012 14:30

Sample ID: 12H0726-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
2-Hexanone (MBK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
Isopropylbenzene (Cumene)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0045	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
Methylene Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
Naphthalene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
n-Propylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
Styrene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
Tetrachloroethylene	0.18	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1	V-16	SW-846 8260C	8/24/12	8/24/12 10:35	MFF
Toluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
1,2,3-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
1,2,4-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
1,1,1-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
1,1,2-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
Trichloroethylene	0.017	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
1,2,3-Trichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
1,2,4-Trimethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
1,3,5-Trimethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
m+p Xylene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF
o-Xylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/24/12	8/24/12 10:35	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	109	70-130		8/24/12 10:35
Toluene-d8	96.6	70-130		8/24/12 10:35
4-Bromofluorobenzene	90.5	70-130		8/24/12 10:35

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

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12H0726

Date Received: 8/22/2012

Field Sample #: 1028120820-04 | Sampled: 8/20/2012 14:30

Sample ID: 12H0726-04

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.1		% Wt	1		SM 2540G	8/28/12	8/29/12 7:47	CMF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12H0726

Date Received: 8/22/2012

Field Sample #: 1028120820-05 | Sampled: 8/20/2012 15:00

Sample ID: 12H0726-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	mg/Kg dry	1	V-16	SW-846 8260C	8/24/12	8/27/12 10:06	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
Benzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
Bromobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
Bromochloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
Bromodichloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
Bromoform	ND	0.0040	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
Bromomethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
2-Butanone (MEK)	ND	0.040	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
n-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
sec-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
tert-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
Carbon Disulfide	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
Carbon Tetrachloride	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
Chlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
Chlorodibromomethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
Chloroethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
Chloroform	ND	0.0040	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
Chloromethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg dry	1	V-16	SW-846 8260C	8/24/12	8/27/12 10:06	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
Dibromomethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.010	mg/Kg dry	1	L-04	SW-846 8260C	8/24/12	8/27/12 10:06	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
1,1-Dichloroethylene	ND	0.0040	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
trans-1,3-Dichloropropene	ND	0.0040	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
Diethyl Ether	ND	0.010	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
1,4-Dioxane	ND	0.10	mg/Kg dry	1	V-16	SW-846 8260C	8/24/12	8/27/12 10:06	MFF
Ethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12H0726

Date Received: 8/22/2012

Field Sample #: 1028120820-05 | Sampled: 8/20/2012 15:00

Sample ID: 12H0726-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
2-Hexanone (MBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
Methylene Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
Naphthalene	ND	0.0040	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
n-Propylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
Styrene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
Tetrachloroethylene	0.030	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
Tetrahydrofuran	ND	0.010	mg/Kg dry	1	V-16	SW-846 8260C	8/24/12	8/27/12 10:06	MFF
Toluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
Trichloroethylene	4.0	0.16	mg/Kg dry	4		SW-846 8260C	8/27/12	8/27/12 13:43	LBD
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
Vinyl Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
m+p Xylene	ND	0.0040	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF
o-Xylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:06	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	110	70-130		8/27/12 10:06
Toluene-d8	94.6	70-130		8/27/12 10:06
4-Bromofluorobenzene	82.9	70-130		8/27/12 10:06

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12H0726

Date Received: 8/22/2012

Field Sample #: 1028120820-05 | Sampled: 8/20/2012 15:00

Sample ID: 12H0726-05

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.0		% Wt	1		SM 2540G	8/28/12	8/29/12 7:47	CMF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12H0726

Date Received: 8/22/2012

Field Sample #: 1028120820-06 | Sampled: 8/20/2012 15:10

Sample ID: 12H0726-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.089	mg/Kg dry	1	V-16	SW-846 8260C	8/24/12	8/27/12 10:58	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00089	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
Benzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
Bromobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
Bromochloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
Bromodichloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
Bromoform	ND	0.0035	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
Bromomethane	ND	0.0089	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
2-Butanone (MEK)	ND	0.035	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
n-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
sec-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
tert-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00089	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
Carbon Disulfide	ND	0.0053	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
Carbon Tetrachloride	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
Chlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
Chlorodibromomethane	ND	0.00089	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
Chloroethane	ND	0.0089	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
Chloroform	ND	0.0035	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
Chloromethane	ND	0.0089	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
2-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
4-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0018	mg/Kg dry	1	V-16	SW-846 8260C	8/24/12	8/27/12 10:58	MFF
1,2-Dibromoethane (EDB)	ND	0.00089	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
Dibromomethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
1,2-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
1,3-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
1,4-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0089	mg/Kg dry	1	L-04	SW-846 8260C	8/24/12	8/27/12 10:58	MFF
1,1-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
1,2-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
1,1-Dichloroethylene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
cis-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
trans-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
1,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
1,3-Dichloropropane	ND	0.00089	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
2,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
1,1-Dichloropropene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
cis-1,3-Dichloropropene	ND	0.00089	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
trans-1,3-Dichloropropene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
Diethyl Ether	ND	0.0089	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
Diisopropyl Ether (DIPE)	ND	0.00089	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
1,4-Dioxane	ND	0.089	mg/Kg dry	1	V-16	SW-846 8260C	8/24/12	8/27/12 10:58	MFF
Ethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12H0726

Date Received: 8/22/2012

Field Sample #: 1028120820-06 | Sampled: 8/20/2012 15:10

Sample ID: 12H0726-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
2-Hexanone (MBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
Isopropylbenzene (Cumene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0035	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
Methylene Chloride	ND	0.0089	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
Naphthalene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
n-Propylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
Styrene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
1,1,1,2-Tetrachloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
1,1,2,2-Tetrachloroethane	ND	0.00089	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
Tetrachloroethylene	3.5	0.44	mg/Kg dry	10		SW-846 8260C	8/27/12	8/27/12 14:14	LBD
Tetrahydrofuran	ND	0.0089	mg/Kg dry	1	V-16	SW-846 8260C	8/24/12	8/27/12 10:58	MFF
Toluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
1,2,3-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
1,2,4-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
1,1,1-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
1,1,2-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
Trichloroethylene	13	0.44	mg/Kg dry	10		SW-846 8260C	8/27/12	8/27/12 14:14	LBD
Trichlorofluoromethane (Freon 11)	ND	0.0089	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
1,2,3-Trichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
1,2,4-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
1,3,5-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
Vinyl Chloride	ND	0.0089	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
m+p Xylene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF
o-Xylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 10:58	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	107	70-130		8/27/12 10:58
Toluene-d8	94.3	70-130		8/27/12 10:58
4-Bromofluorobenzene	83.4	70-130		8/27/12 10:58

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

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12H0726

Date Received: 8/22/2012

Field Sample #: 1028120820-06 | Sampled: 8/20/2012 15:10

Sample ID: 12H0726-06

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.0		% Wt	1		SM 2540G	8/28/12	8/29/12 7:47	CMF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12H0726

Date Received: 8/22/2012

Field Sample #: 1028120820-07 | Sampled: 8/20/2012 15:20

Sample ID: 12H0726-07

Sample Matrix: Soil

Sample Flags: RL-05

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	59	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.59	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
Benzene	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
Bromobenzene	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
Bromochloromethane	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
Bromodichloromethane	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
Bromoform	ND	5.9	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
Bromomethane	ND	2.4	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
2-Butanone (MEK)	ND	24	mg/Kg dry	20	V-05	SW-846 8260C	8/27/12	8/27/12 15:16	LBD
n-Butylbenzene	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
sec-Butylbenzene	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
tert-Butylbenzene	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.59	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
Carbon Disulfide	ND	12	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
Carbon Tetrachloride	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
Chlorobenzene	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
Chlorodibromomethane	ND	5.9	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
Chloroethane	ND	2.4	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
Chloroform	ND	2.4	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
Chloromethane	ND	2.4	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
2-Chlorotoluene	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
4-Chlorotoluene	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.9	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
1,2-Dibromoethane (EDB)	ND	0.59	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
Dibromomethane	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
1,2-Dichlorobenzene	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
1,3-Dichlorobenzene	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
1,4-Dichlorobenzene	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.4	mg/Kg dry	20	L-04	SW-846 8260C	8/27/12	8/27/12 15:16	LBD
1,1-Dichloroethane	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
1,2-Dichloroethane	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
1,1-Dichloroethylene	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
cis-1,2-Dichloroethylene	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
trans-1,2-Dichloroethylene	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
1,2-Dichloropropane	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
1,3-Dichloropropane	ND	0.59	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
2,2-Dichloropropane	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
1,1-Dichloropropene	ND	2.4	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
cis-1,3-Dichloropropene	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
trans-1,3-Dichloropropene	ND	2.4	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
Diethyl Ether	ND	2.4	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
Diisopropyl Ether (DIPE)	ND	0.59	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
1,4-Dioxane	ND	59	mg/Kg dry	20	V-16	SW-846 8260C	8/27/12	8/27/12 15:16	LBD
Ethylbenzene	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12H0726

Date Received: 8/22/2012

Field Sample #: 1028120820-07 | Sampled: 8/20/2012 15:20

Sample ID: 12H0726-07

Sample Matrix: Soil

Sample Flags: RL-05

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
2-Hexanone (MBK)	ND	12	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
Isopropylbenzene (Cumene)	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
Methylene Chloride	ND	5.9	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
4-Methyl-2-pentanone (MIBK)	ND	12	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
Naphthalene	ND	2.4	mg/Kg dry	20	V-05	SW-846 8260C	8/27/12	8/27/12 15:16	LBD
n-Propylbenzene	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
Styrene	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
1,1,1,2-Tetrachloroethane	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
1,1,2,2-Tetrachloroethane	ND	0.59	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
Tetrachloroethylene	180	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
Tetrahydrofuran	ND	4.7	mg/Kg dry	20	L-04, V-05	SW-846 8260C	8/27/12	8/27/12 15:16	LBD
Toluene	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
1,2,3-Trichlorobenzene	ND	4.7	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
1,2,4-Trichlorobenzene	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
1,1,1-Trichloroethane	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
1,1,2-Trichloroethane	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
Trichloroethylene	280	12	mg/Kg dry	200		SW-846 8260C	8/27/12	8/28/12 8:21	LBD
Trichlorofluoromethane (Freon 11)	ND	2.4	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
1,2,3-Trichloropropane	ND	2.4	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
1,2,4-Trimethylbenzene	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
1,3,5-Trimethylbenzene	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
Vinyl Chloride	ND	2.4	mg/Kg dry	20	L-04	SW-846 8260C	8/27/12	8/27/12 15:16	LBD
m+p Xylene	ND	2.4	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD
o-Xylene	ND	1.2	mg/Kg dry	20		SW-846 8260C	8/27/12	8/27/12 15:16	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	94.9	70-130		8/27/12 15:16
Toluene-d8	99.0	70-130		8/27/12 15:16
4-Bromofluorobenzene	97.1	70-130		8/27/12 15:16

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

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12H0726

Date Received: 8/22/2012

Field Sample #: 1028120820-07 | Sampled: 8/20/2012 15:20

Sample ID: 12H0726-07

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.7		% Wt	1		SM 2540G	8/28/12	8/29/12 7:47	CMF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12H0726

Date Received: 8/22/2012

Field Sample #: 1028120820-08 | Sampled: 8/20/2012 15:30

Sample ID: 12H0726-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.095	mg/Kg dry	1	V-16	SW-846 8260C	8/24/12	8/27/12 11:51	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00095	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
Benzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
Bromobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
Bromochloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
Bromodichloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
Bromoform	ND	0.0038	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
Bromomethane	ND	0.0095	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
2-Butanone (MEK)	ND	0.038	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
n-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
sec-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
tert-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00095	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
Carbon Disulfide	ND	0.0057	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
Carbon Tetrachloride	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
Chlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
Chlorodibromomethane	ND	0.00095	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
Chloroethane	ND	0.0095	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
Chloroform	ND	0.0038	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
Chloromethane	ND	0.0095	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
2-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
4-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	mg/Kg dry	1	V-16	SW-846 8260C	8/24/12	8/27/12 11:51	MFF
1,2-Dibromoethane (EDB)	ND	0.00095	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
Dibromomethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
1,2-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
1,3-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
1,4-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0095	mg/Kg dry	1	L-04	SW-846 8260C	8/24/12	8/27/12 11:51	MFF
1,1-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
1,2-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
1,1-Dichloroethylene	ND	0.0038	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
cis-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
trans-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
1,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
1,3-Dichloropropane	ND	0.00095	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
2,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
1,1-Dichloropropene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
cis-1,3-Dichloropropene	ND	0.00095	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
trans-1,3-Dichloropropene	ND	0.0038	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
Diethyl Ether	ND	0.0095	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
Diisopropyl Ether (DIPE)	ND	0.00095	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
1,4-Dioxane	ND	0.095	mg/Kg dry	1	V-16	SW-846 8260C	8/24/12	8/27/12 11:51	MFF
Ethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12H0726

Date Received: 8/22/2012

Field Sample #: 1028120820-08 | Sampled: 8/20/2012 15:30

Sample ID: 12H0726-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
2-Hexanone (MBK)	ND	0.019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
Isopropylbenzene (Cumene)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0038	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
Methylene Chloride	ND	0.0095	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
Naphthalene	ND	0.0038	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
n-Propylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
Styrene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
1,1,1,2-Tetrachloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
1,1,2,2-Tetrachloroethane	ND	0.00095	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
Tetrachloroethylene	2.0	0.67	mg/Kg dry	10		SW-846 8260C	8/27/12	8/27/12 14:45	LBD
Tetrahydrofuran	ND	0.0095	mg/Kg dry	1	V-16	SW-846 8260C	8/24/12	8/27/12 11:51	MFF
Toluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
1,2,3-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
1,2,4-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
1,1,1-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
1,1,2-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
Trichloroethylene	0.90	0.67	mg/Kg dry	10		SW-846 8260C	8/27/12	8/27/12 14:45	LBD
Trichlorofluoromethane (Freon 11)	ND	0.0095	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
1,2,3-Trichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
1,2,4-Trimethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
1,3,5-Trimethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
Vinyl Chloride	ND	0.0095	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
m+p Xylene	ND	0.0038	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF
o-Xylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/12	8/27/12 11:51	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	106	70-130		8/27/12 11:51
Toluene-d8	96.0	70-130		8/27/12 11:51
4-Bromofluorobenzene	91.8	70-130		8/27/12 11:51

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

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12H0726

Date Received: 8/22/2012

Field Sample #: 1028120820-08 | Sampled: 8/20/2012 15:30

Sample ID: 12H0726-08

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.7		% Wt	1		SM 2540G	8/28/12	8/29/12 7:47	CMF

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

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12H0726

Date Received: 8/22/2012

Field Sample #: 1028120820-09 | Sampled: 8/20/2012 15:45

Sample ID: 12H0726-09

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	2.5	mg/Kg wet	1	V-05	SW-846 8260C	8/23/12	8/23/12 13:36	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.025	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
Benzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
Bromobenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
Bromochloromethane	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
Bromodichloromethane	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
Bromoform	ND	0.25	mg/Kg wet	1	RL-07	SW-846 8260C	8/23/12	8/23/12 13:36	LBD
Bromomethane	ND	0.10	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
2-Butanone (MEK)	ND	1.0	mg/Kg wet	1	V-05	SW-846 8260C	8/23/12	8/23/12 13:36	LBD
n-Butylbenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
sec-Butylbenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
tert-Butylbenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.025	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
Carbon Disulfide	ND	0.50	mg/Kg wet	1	RL-07	SW-846 8260C	8/23/12	8/23/12 13:36	LBD
Carbon Tetrachloride	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
Chlorobenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
Chlorodibromomethane	ND	0.25	mg/Kg wet	1	RL-07	SW-846 8260C	8/23/12	8/23/12 13:36	LBD
Chloroethane	ND	0.10	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
Chloroform	ND	0.10	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
Chloromethane	ND	0.10	mg/Kg wet	1	V-05	SW-846 8260C	8/23/12	8/23/12 13:36	LBD
2-Chlorotoluene	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
4-Chlorotoluene	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.25	mg/Kg wet	1	RL-07, V-05	SW-846 8260C	8/23/12	8/23/12 13:36	LBD
1,2-Dibromoethane (EDB)	ND	0.025	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
Dibromomethane	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
1,2-Dichlorobenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
1,3-Dichlorobenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
1,4-Dichlorobenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet	1	L-04	SW-846 8260C	8/23/12	8/23/12 13:36	LBD
1,1-Dichloroethane	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
1,2-Dichloroethane	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
1,1-Dichloroethylene	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
trans-1,2-Dichloroethylene	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
1,2-Dichloropropane	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
1,3-Dichloropropane	ND	0.025	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
2,2-Dichloropropane	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
1,1-Dichloropropene	ND	0.10	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
cis-1,3-Dichloropropene	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
trans-1,3-Dichloropropene	ND	0.10	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
Diethyl Ether	ND	0.10	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
Diisopropyl Ether (DIPE)	ND	0.025	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
1,4-Dioxane	ND	2.5	mg/Kg wet	1	V-05, V-16	SW-846 8260C	8/23/12	8/23/12 13:36	LBD
Ethylbenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD

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Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12H0726

Date Received: 8/22/2012

Field Sample #: 1028120820-09 | Sampled: 8/20/2012 15:45

Sample ID: 12H0726-09

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
2-Hexanone (MBK)	ND	0.50	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
Isopropylbenzene (Cumene)	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
Methylene Chloride	ND	0.25	mg/Kg wet	1	RL-07	SW-846 8260C	8/23/12	8/23/12 13:36	LBD
4-Methyl-2-pentanone (MIBK)	ND	0.50	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
Naphthalene	ND	0.10	mg/Kg wet	1	V-05	SW-846 8260C	8/23/12	8/23/12 13:36	LBD
n-Propylbenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
Styrene	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
1,1,1,2-Tetrachloroethane	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
Tetrachloroethylene	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
Tetrahydrofuran	ND	0.20	mg/Kg wet	1	L-04, V-05	SW-846 8260C	8/23/12	8/23/12 13:36	LBD
Toluene	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
1,2,3-Trichlorobenzene	ND	0.20	mg/Kg wet	1	V-05	SW-846 8260C	8/23/12	8/23/12 13:36	LBD
1,2,4-Trichlorobenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
1,1,1-Trichloroethane	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
1,1,2-Trichloroethane	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
Trichloroethylene	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
1,2,4-Trimethylbenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
1,3,5-Trimethylbenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
Vinyl Chloride	ND	0.10	mg/Kg wet	1	L-04	SW-846 8260C	8/23/12	8/23/12 13:36	LBD
m+p Xylene	ND	0.10	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD
o-Xylene	ND	0.050	mg/Kg wet	1		SW-846 8260C	8/23/12	8/23/12 13:36	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	89.6	70-130		8/23/12 13:36
Toluene-d8	98.9	70-130		8/23/12 13:36
4-Bromofluorobenzene	104	70-130		8/23/12 13:36

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12H0726-01 [1028120820-01]	B057759	08/28/12
12H0726-02 [1028120820-02]	B057759	08/28/12
12H0726-03 [1028120820-03]	B057759	08/28/12
12H0726-04 [1028120820-04]	B057759	08/28/12
12H0726-05 [1028120820-05]	B057759	08/28/12
12H0726-06 [1028120820-06]	B057759	08/28/12
12H0726-07 [1028120820-07]	B057759	08/28/12
12H0726-08 [1028120820-08]	B057759	08/28/12

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
12H0726-09 [1028120820-09]	B057540	15.0	15.0	1	50	08/23/12

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12H0726-01 [1028120820-01]	B057626	5.25	10.0	08/24/12
12H0726-02 [1028120820-02]	B057626	5.04	10.0	08/24/12
12H0726-03 [1028120820-03]	B057626	5.71	10.0	08/24/12
12H0726-04 [1028120820-04]	B057626	5.16	10.0	08/24/12

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
12H0726-07RE1 [1028120820-07]	B057692	14.8	16.1	0.005	50	08/27/12

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
12H0726-07 [1028120820-07]	B057706	14.8	16.1	0.05	50	08/27/12

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
12H0726-05 [1028120820-05]	B057709	22.4	16.8	0.25	50	08/27/12
12H0726-06 [1028120820-06]	B057709	20.9	16.9	0.1	50	08/27/12
12H0726-08 [1028120820-08]	B057709	14.6	16.9	0.1	50	08/27/12

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12H0726-05 [1028120820-05]	B057714	5.37	10.0	08/24/12
12H0726-06 [1028120820-06]	B057714	6.20	10.0	08/24/12
12H0726-08 [1028120820-08]	B057714	6.10	10.0	08/24/12

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B057540 - SW-846 5035										
Blank (B057540-BLK1)				Prepared & Analyzed: 08/23/12						
Acetone	ND	2.5	mg/Kg wet							V-05
tert-Amyl Methyl Ether (TAME)	ND	0.025	mg/Kg wet							
Benzene	ND	0.050	mg/Kg wet							
Bromobenzene	ND	0.050	mg/Kg wet							
Bromochloromethane	ND	0.050	mg/Kg wet							
Bromodichloromethane	ND	0.050	mg/Kg wet							
Bromoform	ND	0.25	mg/Kg wet							
Bromomethane	ND	0.10	mg/Kg wet							
2-Butanone (MEK)	ND	1.0	mg/Kg wet							V-05
n-Butylbenzene	ND	0.050	mg/Kg wet							
sec-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.025	mg/Kg wet							
Carbon Disulfide	ND	0.50	mg/Kg wet							
Carbon Tetrachloride	ND	0.050	mg/Kg wet							
Chlorobenzene	ND	0.050	mg/Kg wet							
Chlorodibromomethane	ND	0.25	mg/Kg wet							
Chloroethane	ND	0.10	mg/Kg wet							
Chloroform	ND	0.10	mg/Kg wet							
Chloromethane	ND	0.10	mg/Kg wet							V-05
2-Chlorotoluene	ND	0.050	mg/Kg wet							
4-Chlorotoluene	ND	0.050	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.25	mg/Kg wet							V-05
1,2-Dibromoethane (EDB)	ND	0.025	mg/Kg wet							
Dibromomethane	ND	0.050	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.050	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet							L-04
1,1-Dichloroethane	ND	0.050	mg/Kg wet							
1,2-Dichloroethane	ND	0.050	mg/Kg wet							
1,1-Dichloroethylene	ND	0.050	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
1,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,3-Dichloropropane	ND	0.025	mg/Kg wet							
2,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,1-Dichloropropene	ND	0.10	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.050	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.10	mg/Kg wet							
Diethyl Ether	ND	0.10	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.025	mg/Kg wet							
1,4-Dioxane	ND	2.5	mg/Kg wet							V-05, V-16
Ethylbenzene	ND	0.050	mg/Kg wet							
Hexachlorobutadiene	ND	0.050	mg/Kg wet							
2-Hexanone (MBK)	ND	0.50	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.050	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.050	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet							
Methylene Chloride	ND	0.25	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.50	mg/Kg wet							
Naphthalene	ND	0.10	mg/Kg wet							V-05

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B057540 - SW-846 5035												
Blank (B057540-BLK1)				Prepared & Analyzed: 08/23/12								
n-Propylbenzene	ND	0.050	mg/Kg wet									
Styrene	ND	0.050	mg/Kg wet									
1,1,1,2-Tetrachloroethane	ND	0.050	mg/Kg wet									
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet									
Tetrachloroethylene	ND	0.050	mg/Kg wet									
Tetrahydrofuran	ND	0.20	mg/Kg wet								L-04, V-05	
Toluene	ND	0.050	mg/Kg wet									
1,2,3-Trichlorobenzene	ND	0.20	mg/Kg wet								V-05	
1,2,4-Trichlorobenzene	ND	0.050	mg/Kg wet									
1,1,1-Trichloroethane	ND	0.050	mg/Kg wet									
1,1,2-Trichloroethane	ND	0.050	mg/Kg wet									
Trichloroethylene	ND	0.050	mg/Kg wet									
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet									
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet									
1,2,4-Trimethylbenzene	ND	0.050	mg/Kg wet									
1,3,5-Trimethylbenzene	ND	0.050	mg/Kg wet									
Vinyl Chloride	ND	0.10	mg/Kg wet								L-04	
m+p Xylene	ND	0.10	mg/Kg wet									
o-Xylene	ND	0.050	mg/Kg wet									
Surrogate: 1,2-Dichloroethane-d4	*0.0228*		mg/Kg wet	0.0250		91.3		70-130				
Surrogate: Toluene-d8	*0.0248*		mg/Kg wet	0.0250		99.3		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0258*		mg/Kg wet	0.0250		103		70-130				
LCS (B057540-BS1)				Prepared & Analyzed: 08/23/12								
Acetone	0.0710	0.057	mg/Kg wet	0.113		62.6		40-160			L-14, V-05	†
tert-Amyl Methyl Ether (TAME)	0.00933	0.00057	mg/Kg wet	0.0113		82.3		70-130				
Benzene	0.00904	0.0011	mg/Kg wet	0.0113		79.8		70-130				
Bromobenzene	0.0105	0.0011	mg/Kg wet	0.0113		92.3		70-130				
Bromochloromethane	0.0110	0.0011	mg/Kg wet	0.0113		97.2		70-130				
Bromodichloromethane	0.0108	0.0011	mg/Kg wet	0.0113		95.6		70-130				
Bromoform	0.00998	0.0057	mg/Kg wet	0.0113		88.1		70-130				
Bromomethane	0.00439	0.0023	mg/Kg wet	0.0113		**38.7**	*	40-160			L-07, V-20	†
2-Butanone (MEK)	0.0731	0.023	mg/Kg wet	0.113		64.5		40-160			L-14, V-05	†
n-Butylbenzene	0.0101	0.0011	mg/Kg wet	0.0113		89.2		70-130				
sec-Butylbenzene	0.0101	0.0011	mg/Kg wet	0.0113		89.0		70-130				
tert-Butylbenzene	0.0103	0.0011	mg/Kg wet	0.0113		90.5		70-130				
tert-Butyl Ethyl Ether (TBEE)	0.00923	0.00057	mg/Kg wet	0.0113		81.4		70-130				
Carbon Disulfide	0.00978	0.011	mg/Kg wet	0.0113		86.3		70-130				
Carbon Tetrachloride	0.0100	0.0011	mg/Kg wet	0.0113		88.4		70-130				
Chlorobenzene	0.0107	0.0011	mg/Kg wet	0.0113		94.7		70-130				
Chlorodibromomethane	0.00955	0.0057	mg/Kg wet	0.0113		84.3		70-130				
Chloroethane	0.00895	0.0023	mg/Kg wet	0.0113		79.0		70-130				
Chloroform	0.00981	0.0023	mg/Kg wet	0.0113		86.6		70-130				
Chloromethane	0.00637	0.0023	mg/Kg wet	0.0113		56.2		40-160			V-05, L-14	†
2-Chlorotoluene	0.0104	0.0011	mg/Kg wet	0.0113		91.6		70-130				
4-Chlorotoluene	0.0110	0.0011	mg/Kg wet	0.0113		97.3		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.00870	0.0057	mg/Kg wet	0.0113		76.8		70-130			V-05	
1,2-Dibromoethane (EDB)	0.0110	0.00057	mg/Kg wet	0.0113		97.2		70-130				
Dibromomethane	0.0103	0.0011	mg/Kg wet	0.0113		91.2		70-130				
1,2-Dichlorobenzene	0.0102	0.0011	mg/Kg wet	0.0113		90.4		70-130				
1,3-Dichlorobenzene	0.0105	0.0011	mg/Kg wet	0.0113		92.6		70-130				
1,4-Dichlorobenzene	0.0105	0.0011	mg/Kg wet	0.0113		92.7		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B057540 - SW-846 5035												
LCS (B057540-BS1)				Prepared & Analyzed: 08/23/12								
Dichlorodifluoromethane (Freon 12)	0.00426	0.0023	mg/Kg wet	0.0113		**37.6**	*	40-160			L-04	†
1,1-Dichloroethane	0.00906	0.0011	mg/Kg wet	0.0113		79.9		70-130				
1,2-Dichloroethane	0.0103	0.0011	mg/Kg wet	0.0113		90.9		70-130				
1,1-Dichloroethylene	0.00928	0.0011	mg/Kg wet	0.0113		81.9		70-130				
cis-1,2-Dichloroethylene	0.00925	0.0011	mg/Kg wet	0.0113		81.6		70-130				
trans-1,2-Dichloroethylene	0.00906	0.0011	mg/Kg wet	0.0113		79.9		70-130				
1,2-Dichloropropane	0.00968	0.0011	mg/Kg wet	0.0113		85.4		70-130				
1,3-Dichloropropane	0.0104	0.00057	mg/Kg wet	0.0113		91.4		70-130				
2,2-Dichloropropane	0.0104	0.0011	mg/Kg wet	0.0113		91.8		70-130				
1,1-Dichloropropene	0.00976	0.0023	mg/Kg wet	0.0113		86.1		70-130				
cis-1,3-Dichloropropene	0.00923	0.0011	mg/Kg wet	0.0113		81.4		70-130				
trans-1,3-Dichloropropene	0.00986	0.0023	mg/Kg wet	0.0113		87.0		70-130				
Diethyl Ether	0.00881	0.0023	mg/Kg wet	0.0113		77.7		70-130				
Diisopropyl Ether (DIPE)	0.00877	0.00057	mg/Kg wet	0.0113		77.4		70-130				
1,4-Dioxane	0.0962	0.057	mg/Kg wet	0.113		84.9		40-160			V-05, V-16	†
Ethylbenzene	0.0107	0.0011	mg/Kg wet	0.0113		94.3		70-130				
Hexachlorobutadiene	0.0116	0.0011	mg/Kg wet	0.0113		102		70-130				
2-Hexanone (MBK)	0.0856	0.011	mg/Kg wet	0.113		75.5		40-160				†
Isopropylbenzene (Cumene)	0.0111	0.0011	mg/Kg wet	0.0113		98.3		70-130				
p-Isopropyltoluene (p-Cymene)	0.0109	0.0011	mg/Kg wet	0.0113		96.3		70-130				
Methyl tert-Butyl Ether (MTBE)	0.0106	0.0011	mg/Kg wet	0.0113		93.3		70-130				
Methylene Chloride	0.0106	0.0057	mg/Kg wet	0.0113		93.3		70-130				
4-Methyl-2-pentanone (MIBK)	0.0833	0.011	mg/Kg wet	0.113		73.5		40-160				†
Naphthalene	0.00934	0.0023	mg/Kg wet	0.0113		82.4		70-130			V-05	
n-Propylbenzene	0.0105	0.0011	mg/Kg wet	0.0113		92.9		70-130				
Styrene	0.0113	0.0011	mg/Kg wet	0.0113		100		70-130				
1,1,1,2-Tetrachloroethane	0.0108	0.0011	mg/Kg wet	0.0113		95.1		70-130				
1,1,2,2-Tetrachloroethane	0.0101	0.00057	mg/Kg wet	0.0113		89.4		70-130				
Tetrachloroethylene	0.0115	0.0011	mg/Kg wet	0.0113		101		70-130				
Tetrahydrofuran	0.00734	0.0045	mg/Kg wet	0.0113		**64.8**	*	70-130			L-04, V-05	
Toluene	0.0105	0.0011	mg/Kg wet	0.0113		92.9		70-130				
1,2,3-Trichlorobenzene	0.0108	0.0045	mg/Kg wet	0.0113		95.5		70-130			V-05	
1,2,4-Trichlorobenzene	0.0112	0.0011	mg/Kg wet	0.0113		98.4		70-130				
1,1,1-Trichloroethane	0.0103	0.0011	mg/Kg wet	0.0113		90.5		70-130				
1,1,2-Trichloroethane	0.0104	0.0011	mg/Kg wet	0.0113		91.9		70-130				
Trichloroethylene	0.0101	0.0011	mg/Kg wet	0.0113		89.4		70-130				
Trichlorofluoromethane (Freon 11)	0.00866	0.0023	mg/Kg wet	0.0113		76.4		70-130				
1,2,3-Trichloropropane	0.0110	0.0023	mg/Kg wet	0.0113		96.9		70-130				
1,2,4-Trimethylbenzene	0.0104	0.0011	mg/Kg wet	0.0113		91.4		70-130				
1,3,5-Trimethylbenzene	0.0110	0.0011	mg/Kg wet	0.0113		97.3		70-130				
Vinyl Chloride	0.00671	0.0023	mg/Kg wet	0.0113		**59.2**	*	70-130			L-04	
m+p Xylene	0.0220	0.0023	mg/Kg wet	0.0227		97.0		70-130				
o-Xylene	0.0109	0.0011	mg/Kg wet	0.0113		96.2		70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0260*		mg/Kg wet	0.0283		91.9		70-130				
Surrogate: Toluene-d8	*0.0282*		mg/Kg wet	0.0283		99.4		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0286*		mg/Kg wet	0.0283		101		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B057540 - SW-846 5035												
LCS Dup (B057540-BSD1)				Prepared & Analyzed: 08/23/12								
Acetone	0.0720	0.057	mg/Kg wet	0.113		63.5		40-160	1.44	20	L-14, V-05	†
tert-Amyl Methyl Ether (TAME)	0.00932	0.00057	mg/Kg wet	0.0113		82.2		70-130	0.122	20		
Benzene	0.00895	0.0011	mg/Kg wet	0.0113		79.0		70-130	1.01	20		
Bromobenzene	0.0105	0.0011	mg/Kg wet	0.0113		92.5		70-130	0.216	20		
Bromochloromethane	0.0102	0.0011	mg/Kg wet	0.0113		90.3		70-130	7.36	20		
Bromodichloromethane	0.0108	0.0011	mg/Kg wet	0.0113		94.9		70-130	0.735	20		
Bromoform	0.0100	0.0057	mg/Kg wet	0.0113		88.3		70-130	0.227	20		
Bromomethane	0.00496	0.0023	mg/Kg wet	0.0113		43.8		40-160	12.4	20	L-14, V-20	†
2-Butanone (MEK)	0.0861	0.023	mg/Kg wet	0.113		76.0		40-160	16.3	20	V-05	†
n-Butylbenzene	0.0101	0.0011	mg/Kg wet	0.0113		88.8		70-130	0.449	20		
sec-Butylbenzene	0.00983	0.0011	mg/Kg wet	0.0113		86.7		70-130	2.62	20		
tert-Butylbenzene	0.0101	0.0011	mg/Kg wet	0.0113		88.7		70-130	2.01	20		
tert-Butyl Ethyl Ether (TBEE)	0.00903	0.00057	mg/Kg wet	0.0113		79.7		70-130	2.11	20		
Carbon Disulfide	0.00913	0.011	mg/Kg wet	0.0113		80.6		70-130	6.83	20		
Carbon Tetrachloride	0.00980	0.0011	mg/Kg wet	0.0113		86.5		70-130	2.17	20		
Chlorobenzene	0.0107	0.0011	mg/Kg wet	0.0113		94.6		70-130	0.106	20		
Chlorodibromomethane	0.00954	0.0057	mg/Kg wet	0.0113		84.2		70-130	0.119	20		
Chloroethane	0.00891	0.0023	mg/Kg wet	0.0113		78.6		70-130	0.508	20		
Chloroform	0.00974	0.0023	mg/Kg wet	0.0113		85.9		70-130	0.812	20		
Chloromethane	0.00651	0.0023	mg/Kg wet	0.0113		57.4		40-160	2.11	20	L-14, V-05	†
2-Chlorotoluene	0.0106	0.0011	mg/Kg wet	0.0113		93.8		70-130	2.37	20		
4-Chlorotoluene	0.0112	0.0011	mg/Kg wet	0.0113		98.6		70-130	1.33	20		
1,2-Dibromo-3-chloropropane (DBCP)	0.00874	0.0057	mg/Kg wet	0.0113		77.1		70-130	0.390	20	V-05	
1,2-Dibromoethane (EDB)	0.0110	0.00057	mg/Kg wet	0.0113		97.0		70-130	0.206	20		
Dibromomethane	0.0103	0.0011	mg/Kg wet	0.0113		91.3		70-130	0.110	20		
1,2-Dichlorobenzene	0.0101	0.0011	mg/Kg wet	0.0113		89.5		70-130	1.00	20		
1,3-Dichlorobenzene	0.0105	0.0011	mg/Kg wet	0.0113		93.0		70-130	0.431	20		
1,4-Dichlorobenzene	0.0106	0.0011	mg/Kg wet	0.0113		93.4		70-130	0.752	20		
Dichlorodifluoromethane (Freon 12)	0.00418	0.0023	mg/Kg wet	0.0113		**36.9**	*	40-160	1.88	20	L-04	†
1,1-Dichloroethane	0.00887	0.0011	mg/Kg wet	0.0113		78.3		70-130	2.02	20		
1,2-Dichloroethane	0.0104	0.0011	mg/Kg wet	0.0113		91.6		70-130	0.767	20		
1,1-Dichloroethylene	0.00917	0.0011	mg/Kg wet	0.0113		80.9		70-130	1.23	20		
cis-1,2-Dichloroethylene	0.00894	0.0011	mg/Kg wet	0.0113		78.9		70-130	3.36	20		
trans-1,2-Dichloroethylene	0.00879	0.0011	mg/Kg wet	0.0113		77.6		70-130	2.92	20		
1,2-Dichloropropane	0.00941	0.0011	mg/Kg wet	0.0113		83.0		70-130	2.85	20		
1,3-Dichloropropane	0.0103	0.00057	mg/Kg wet	0.0113		90.5		70-130	0.990	20		
2,2-Dichloropropane	0.00994	0.0011	mg/Kg wet	0.0113		87.7		70-130	4.57	20		
1,1-Dichloropropene	0.00972	0.0023	mg/Kg wet	0.0113		85.8		70-130	0.349	20		
cis-1,3-Dichloropropene	0.00909	0.0011	mg/Kg wet	0.0113		80.2		70-130	1.49	20		
trans-1,3-Dichloropropene	0.00995	0.0023	mg/Kg wet	0.0113		87.8		70-130	0.915	20		
Diethyl Ether	0.00862	0.0023	mg/Kg wet	0.0113		76.1		70-130	2.08	20		
Diisopropyl Ether (DIPE)	0.00867	0.00057	mg/Kg wet	0.0113		76.5		70-130	1.17	20		
1,4-Dioxane	0.0853	0.057	mg/Kg wet	0.113		75.3		40-160	11.9	20	V-05, V-16	†
Ethylbenzene	0.0108	0.0011	mg/Kg wet	0.0113		95.3		70-130	1.05	20		
Hexachlorobutadiene	0.0114	0.0011	mg/Kg wet	0.0113		101		70-130	1.28	20		
2-Hexanone (MBK)	0.0863	0.011	mg/Kg wet	0.113		76.1		40-160	0.805	20		†
Isopropylbenzene (Cumene)	0.0112	0.0011	mg/Kg wet	0.0113		98.5		70-130	0.203	20		
p-Isopropyltoluene (p-Cymene)	0.0106	0.0011	mg/Kg wet	0.0113		93.6		70-130	2.84	20		
Methyl tert-Butyl Ether (MTBE)	0.0106	0.0011	mg/Kg wet	0.0113		93.1		70-130	0.215	20		
Methylene Chloride	0.0106	0.0057	mg/Kg wet	0.0113		93.8		70-130	0.535	20		
4-Methyl-2-pentanone (MIBK)	0.0846	0.011	mg/Kg wet	0.113		74.6		40-160	1.51	20		†
Naphthalene	0.00961	0.0023	mg/Kg wet	0.0113		84.8		70-130	2.87	20	V-05	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B057540 - SW-846 5035											
LCS Dup (B057540-BSD1)				Prepared & Analyzed: 08/23/12							
n-Propylbenzene	0.0106	0.0011	mg/Kg wet	0.0113		93.2		70-130	0.322	20	
Styrene	0.0115	0.0011	mg/Kg wet	0.0113		102		70-130	1.88	20	
1,1,1,2-Tetrachloroethane	0.0111	0.0011	mg/Kg wet	0.0113		98.2		70-130	3.21	20	
1,1,2,2-Tetrachloroethane	0.0103	0.00057	mg/Kg wet	0.0113		90.8		70-130	1.55	20	
Tetrachloroethylene	0.0111	0.0011	mg/Kg wet	0.0113		97.8		70-130	3.32	20	
Tetrahydrofuran	0.00739	0.0045	mg/Kg wet	0.0113		**65.2**	*	70-130	0.615	20	L-04, V-05
Toluene	0.0103	0.0011	mg/Kg wet	0.0113		91.3		70-130	1.74	20	
1,2,3-Trichlorobenzene	0.0109	0.0045	mg/Kg wet	0.0113		96.3		70-130	0.834	20	V-05
1,2,4-Trichlorobenzene	0.0111	0.0011	mg/Kg wet	0.0113		97.9		70-130	0.509	20	
1,1,1-Trichloroethane	0.0103	0.0011	mg/Kg wet	0.0113		90.7		70-130	0.221	20	
1,1,2-Trichloroethane	0.0104	0.0011	mg/Kg wet	0.0113		92.2		70-130	0.326	20	
Trichloroethylene	0.00993	0.0011	mg/Kg wet	0.0113		87.6		70-130	2.03	20	
Trichlorofluoromethane (Freon 11)	0.00845	0.0023	mg/Kg wet	0.0113		74.6		70-130	2.38	20	
1,2,3-Trichloropropane	0.0113	0.0023	mg/Kg wet	0.0113		99.8		70-130	2.95	20	
1,2,4-Trimethylbenzene	0.0101	0.0011	mg/Kg wet	0.0113		89.0		70-130	2.66	20	
1,3,5-Trimethylbenzene	0.0112	0.0011	mg/Kg wet	0.0113		98.7		70-130	1.43	20	
Vinyl Chloride	0.00649	0.0023	mg/Kg wet	0.0113		**57.3**	*	70-130	3.26	20	L-04
m+p Xylene	0.0220	0.0023	mg/Kg wet	0.0227		97.0		70-130	0.00	20	
o-Xylene	0.0109	0.0011	mg/Kg wet	0.0113		95.9		70-130	0.312	20	
Surrogate: 1,2-Dichloroethane-d4	*0.0260*		mg/Kg wet	0.0283		91.6		70-130			
Surrogate: Toluene-d8	*0.0280*		mg/Kg wet	0.0283		98.8		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0287*		mg/Kg wet	0.0283		101		70-130			
Batch B057626 - SW-846 5035											
Blank (B057626-BLK1)				Prepared & Analyzed: 08/24/12							
Acetone	ND	0.10	mg/Kg wet								V-16
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet								
Benzene	ND	0.0020	mg/Kg wet								
Bromobenzene	ND	0.0020	mg/Kg wet								
Bromochloromethane	ND	0.0020	mg/Kg wet								
Bromodichloromethane	ND	0.0020	mg/Kg wet								
Bromoform	ND	0.0040	mg/Kg wet								
Bromomethane	ND	0.010	mg/Kg wet								
2-Butanone (MEK)	ND	0.040	mg/Kg wet								
n-Butylbenzene	ND	0.0020	mg/Kg wet								
sec-Butylbenzene	ND	0.0020	mg/Kg wet								
tert-Butylbenzene	ND	0.0020	mg/Kg wet								
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet								
Carbon Disulfide	ND	0.0060	mg/Kg wet								
Carbon Tetrachloride	ND	0.0020	mg/Kg wet								
Chlorobenzene	ND	0.0020	mg/Kg wet								
Chlorodibromomethane	ND	0.0010	mg/Kg wet								
Chloroethane	ND	0.010	mg/Kg wet								
Chloroform	ND	0.0040	mg/Kg wet								
Chloromethane	ND	0.010	mg/Kg wet								
2-Chlorotoluene	ND	0.0020	mg/Kg wet								
4-Chlorotoluene	ND	0.0020	mg/Kg wet								
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet								V-16
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet								
Dibromomethane	ND	0.0020	mg/Kg wet								
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet								
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet								

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QUALITY CONTROL

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B057626 - SW-846 5035										
Blank (B057626-BLK1)				Prepared & Analyzed: 08/24/12						
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.010	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0040	mg/Kg wet							
Diethyl Ether	ND	0.010	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.010	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	*0.0532*		mg/Kg wet	0.0500		106	70-130			
Surrogate: Toluene-d8	*0.0502*		mg/Kg wet	0.0500		100	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0511*		mg/Kg wet	0.0500		102	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B057626 - SW-846 5035											
LCS (B057626-BS1)				Prepared & Analyzed: 08/24/12							
Acetone	0.183	0.10	mg/Kg wet	0.200		91.3	40-160			V-16, V-20	†
tert-Amyl Methyl Ether (TAME)	0.0143	0.0010	mg/Kg wet	0.0200		71.6	70-130				
Benzene	0.0167	0.0020	mg/Kg wet	0.0200		83.6	70-130				
Bromobenzene	0.0184	0.0020	mg/Kg wet	0.0200		91.8	70-130				
Bromochloromethane	0.0191	0.0020	mg/Kg wet	0.0200		95.5	70-130				
Bromodichloromethane	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130			V-20	
Bromoform	0.0212	0.0040	mg/Kg wet	0.0200		106	70-130				
Bromomethane	0.0133	0.010	mg/Kg wet	0.0200		66.4	40-160			L-14, V-20	†
2-Butanone (MEK)	0.164	0.040	mg/Kg wet	0.200		82.1	40-160				†
n-Butylbenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.3	70-130				
sec-Butylbenzene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130				
tert-Butylbenzene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130				
tert-Butyl Ethyl Ether (TBEE)	0.0156	0.0010	mg/Kg wet	0.0200		78.2	70-130				
Carbon Disulfide	0.0164	0.0060	mg/Kg wet	0.0200		82.1	70-130				
Carbon Tetrachloride	0.0247	0.0020	mg/Kg wet	0.0200		123	70-130			V-20	
Chlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		99.8	70-130				
Chlorodibromomethane	0.0228	0.0010	mg/Kg wet	0.0200		114	70-130			V-20	
Chloroethane	0.0162	0.010	mg/Kg wet	0.0200		80.9	70-130				
Chloroform	0.0206	0.0040	mg/Kg wet	0.0200		103	70-130				
Chloromethane	0.0135	0.010	mg/Kg wet	0.0200		67.3	40-160			L-14	†
2-Chlorotoluene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130				
4-Chlorotoluene	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130			V-16	
1,2-Dibromoethane (EDB)	0.0212	0.0010	mg/Kg wet	0.0200		106	70-130				
Dibromomethane	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130				
1,2-Dichlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130				
1,3-Dichlorobenzene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130				
1,4-Dichlorobenzene	0.0179	0.0020	mg/Kg wet	0.0200		89.4	70-130				
Dichlorodifluoromethane (Freon 12)	0.00814	0.010	mg/Kg wet	0.0200		40.7	40-160			L-14, V-20	†
1,1-Dichloroethane	0.0182	0.0020	mg/Kg wet	0.0200		90.9	70-130				
1,2-Dichloroethane	0.0227	0.0020	mg/Kg wet	0.0200		113	70-130			V-20	
1,1-Dichloroethylene	0.0204	0.0040	mg/Kg wet	0.0200		102	70-130				
cis-1,2-Dichloroethylene	0.0176	0.0020	mg/Kg wet	0.0200		87.8	70-130				
trans-1,2-Dichloroethylene	0.0178	0.0020	mg/Kg wet	0.0200		89.0	70-130				
1,2-Dichloropropane	0.0181	0.0020	mg/Kg wet	0.0200		90.3	70-130				
1,3-Dichloropropane	0.0198	0.0010	mg/Kg wet	0.0200		99.2	70-130				
2,2-Dichloropropane	0.0189	0.0020	mg/Kg wet	0.0200		94.7	70-130				
1,1-Dichloropropene	0.0186	0.0020	mg/Kg wet	0.0200		93.2	70-130				
cis-1,3-Dichloropropene	0.0187	0.0010	mg/Kg wet	0.0200		93.5	70-130				
trans-1,3-Dichloropropene	0.0186	0.0040	mg/Kg wet	0.0200		92.9	70-130				
Diethyl Ether	0.0178	0.010	mg/Kg wet	0.0200		88.8	70-130				
Diisopropyl Ether (DIPE)	0.0175	0.0010	mg/Kg wet	0.0200		87.6	70-130				
1,4-Dioxane	0.162	0.10	mg/Kg wet	0.200		81.2	40-160			V-16	†
Ethylbenzene	0.0189	0.0020	mg/Kg wet	0.0200		94.4	70-130				
Hexachlorobutadiene	0.0198	0.0020	mg/Kg wet	0.0200		99.2	70-130				
2-Hexanone (MBK)	0.175	0.020	mg/Kg wet	0.200		87.5	40-160				†
Isopropylbenzene (Cumene)	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130				
p-Isopropyltoluene (p-Cymene)	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130				
Methyl tert-Butyl Ether (MTBE)	0.0183	0.0040	mg/Kg wet	0.0200		91.5	70-130				
Methylene Chloride	0.0155	0.010	mg/Kg wet	0.0200		77.7	70-130				
4-Methyl-2-pentanone (MIBK)	0.176	0.020	mg/Kg wet	0.200		87.8	40-160				†
Naphthalene	0.0166	0.0040	mg/Kg wet	0.0200		83.1	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B057626 - SW-846 5035											
LCS (B057626-BS1)				Prepared & Analyzed: 08/24/12							
n-Propylbenzene	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130				
Styrene	0.0192	0.0020	mg/Kg wet	0.0200		96.2	70-130				
1,1,1,2-Tetrachloroethane	0.0223	0.0020	mg/Kg wet	0.0200		111	70-130			V-20	
1,1,2,2-Tetrachloroethane	0.0180	0.0010	mg/Kg wet	0.0200		90.2	70-130				
Tetrachloroethylene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130				
Tetrahydrofuran	0.0172	0.010	mg/Kg wet	0.0200		86.0	70-130			V-16	
Toluene	0.0190	0.0020	mg/Kg wet	0.0200		95.2	70-130				
1,2,3-Trichlorobenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.4	70-130				
1,2,4-Trichlorobenzene	0.0184	0.0020	mg/Kg wet	0.0200		92.0	70-130				
1,1,1-Trichloroethane	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130				
1,1,2-Trichloroethane	0.0191	0.0020	mg/Kg wet	0.0200		95.3	70-130				
Trichloroethylene	0.0196	0.0020	mg/Kg wet	0.0200		98.1	70-130				
Trichlorofluoromethane (Freon 11)	0.0175	0.010	mg/Kg wet	0.0200		87.5	70-130				
1,2,3-Trichloropropane	0.0200	0.0020	mg/Kg wet	0.0200		99.8	70-130				
1,2,4-Trimethylbenzene	0.0172	0.0020	mg/Kg wet	0.0200		86.0	70-130				
1,3,5-Trimethylbenzene	0.0196	0.0020	mg/Kg wet	0.0200		98.1	70-130				
Vinyl Chloride	0.0141	0.010	mg/Kg wet	0.0200		70.7	70-130				
m+p Xylene	0.0406	0.0040	mg/Kg wet	0.0400		101	70-130				
o-Xylene	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0531*		mg/Kg wet	0.0500		106	70-130				
Surrogate: Toluene-d8	*0.0505*		mg/Kg wet	0.0500		101	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0514*		mg/Kg wet	0.0500		103	70-130				
LCS Dup (B057626-BSD1)				Prepared & Analyzed: 08/24/12							
Acetone	0.194	0.10	mg/Kg wet	0.200		97.2	40-160	6.31	20	V-16, V-20	†
tert-Amyl Methyl Ether (TAME)	0.0149	0.0010	mg/Kg wet	0.0200		74.6	70-130	4.10	20		
Benzene	0.0175	0.0020	mg/Kg wet	0.0200		87.4	70-130	4.44	20		
Bromobenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.6	70-130	5.10	20		
Bromochloromethane	0.0198	0.0020	mg/Kg wet	0.0200		99.1	70-130	3.70	20		
Bromodichloromethane	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130	6.87	20	V-20	
Bromoform	0.0214	0.0040	mg/Kg wet	0.0200		107	70-130	1.03	20		
Bromomethane	0.0142	0.010	mg/Kg wet	0.0200		70.8	40-160	6.41	20	V-20	†
2-Butanone (MEK)	0.172	0.040	mg/Kg wet	0.200		85.8	40-160	4.42	20		†
n-Butylbenzene	0.0198	0.0020	mg/Kg wet	0.0200		99.0	70-130	2.76	20		
sec-Butylbenzene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130	1.57	20		
tert-Butylbenzene	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130	3.34	20		
tert-Butyl Ethyl Ether (TBEE)	0.0163	0.0010	mg/Kg wet	0.0200		81.3	70-130	3.89	20		
Carbon Disulfide	0.0169	0.0060	mg/Kg wet	0.0200		84.4	70-130	2.76	20		
Carbon Tetrachloride	0.0250	0.0020	mg/Kg wet	0.0200		125	70-130	1.37	20	V-20	
Chlorobenzene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130	1.89	20		
Chlorodibromomethane	0.0249	0.0010	mg/Kg wet	0.0200		125	70-130	9.05	20	V-20	
Chloroethane	0.0167	0.010	mg/Kg wet	0.0200		83.6	70-130	3.28	20		
Chloroform	0.0212	0.0040	mg/Kg wet	0.0200		106	70-130	3.16	20		
Chloromethane	0.0142	0.010	mg/Kg wet	0.0200		70.8	40-160	5.07	20		†
2-Chlorotoluene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130	4.45	20		
4-Chlorotoluene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130	3.51	20		
1,2-Dibromo-3-chloropropane (DBCP)	0.0228	0.0020	mg/Kg wet	0.0200		114	70-130	2.04	20	V-16	
1,2-Dibromoethane (EDB)	0.0231	0.0010	mg/Kg wet	0.0200		116	70-130	8.48	20		
Dibromomethane	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130	6.51	20		
1,2-Dichlorobenzene	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130	1.39	20		
1,3-Dichlorobenzene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130	0.0992	20		
1,4-Dichlorobenzene	0.0180	0.0020	mg/Kg wet	0.0200		90.2	70-130	0.891	20		

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QUALITY CONTROL

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B057626 - SW-846 5035											
LCS Dup (B057626-BSD1)				Prepared & Analyzed: 08/24/12							
Dichlorodifluoromethane (Freon 12)	0.00804	0.010	mg/Kg wet	0.0200		40.2	40-160	1.24	20	L-14, V-20	†
1,1-Dichloroethane	0.0187	0.0020	mg/Kg wet	0.0200		93.3	70-130	2.61	20		
1,2-Dichloroethane	0.0244	0.0020	mg/Kg wet	0.0200		122	70-130	7.14	20	V-20	
1,1-Dichloroethylene	0.0207	0.0040	mg/Kg wet	0.0200		103	70-130	1.17	20		
cis-1,2-Dichloroethylene	0.0178	0.0020	mg/Kg wet	0.0200		88.8	70-130	1.13	20		
trans-1,2-Dichloroethylene	0.0180	0.0020	mg/Kg wet	0.0200		90.1	70-130	1.23	20		
1,2-Dichloropropane	0.0195	0.0020	mg/Kg wet	0.0200		97.7	70-130	7.87	20		
1,3-Dichloropropane	0.0216	0.0010	mg/Kg wet	0.0200		108	70-130	8.40	20		
2,2-Dichloropropane	0.0190	0.0020	mg/Kg wet	0.0200		95.1	70-130	0.421	20		
1,1-Dichloropropene	0.0192	0.0020	mg/Kg wet	0.0200		95.8	70-130	2.75	20		
cis-1,3-Dichloropropene	0.0205	0.0010	mg/Kg wet	0.0200		102	70-130	9.09	20		
trans-1,3-Dichloropropene	0.0204	0.0040	mg/Kg wet	0.0200		102	70-130	9.14	20		
Diethyl Ether	0.0184	0.010	mg/Kg wet	0.0200		92.2	70-130	3.76	20		
Diisopropyl Ether (DIPE)	0.0178	0.0010	mg/Kg wet	0.0200		89.0	70-130	1.59	20		
1,4-Dioxane	0.154	0.10	mg/Kg wet	0.200		77.2	40-160	5.05	20	V-16	†
Ethylbenzene	0.0195	0.0020	mg/Kg wet	0.0200		97.4	70-130	3.13	20		
Hexachlorobutadiene	0.0196	0.0020	mg/Kg wet	0.0200		97.8	70-130	1.42	20		
2-Hexanone (MBK)	0.193	0.020	mg/Kg wet	0.200		96.4	40-160	9.65	20		†
Isopropylbenzene (Cumene)	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130	3.65	20		
p-Isopropyltoluene (p-Cymene)	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130	2.34	20		
Methyl tert-Butyl Ether (MTBE)	0.0189	0.0040	mg/Kg wet	0.0200		94.3	70-130	3.01	20		
Methylene Chloride	0.0159	0.010	mg/Kg wet	0.0200		79.6	70-130	2.42	20		
4-Methyl-2-pentanone (MIBK)	0.192	0.020	mg/Kg wet	0.200		96.1	40-160	8.99	20		†
Naphthalene	0.0169	0.0040	mg/Kg wet	0.0200		84.4	70-130	1.55	20		
n-Propylbenzene	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130	1.99	20		
Styrene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130	3.97	20		
1,1,1,2-Tetrachloroethane	0.0228	0.0020	mg/Kg wet	0.0200		114	70-130	2.13	20	V-20	
1,1,2,2-Tetrachloroethane	0.0186	0.0010	mg/Kg wet	0.0200		93.2	70-130	3.27	20		
Tetrachloroethylene	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130	5.05	20		
Tetrahydrofuran	0.0154	0.010	mg/Kg wet	0.0200		77.1	70-130	10.9	20	V-16	
Toluene	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130	9.12	20		
1,2,3-Trichlorobenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.7	70-130	0.314	20		
1,2,4-Trichlorobenzene	0.0189	0.0020	mg/Kg wet	0.0200		94.6	70-130	2.79	20		
1,1,1-Trichloroethane	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130	0.188	20		
1,1,2-Trichloroethane	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130	6.30	20		
Trichloroethylene	0.0197	0.0020	mg/Kg wet	0.0200		98.7	70-130	0.610	20		
Trichlorofluoromethane (Freon 11)	0.0177	0.010	mg/Kg wet	0.0200		88.7	70-130	1.36	20		
1,2,3-Trichloropropane	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130	5.65	20		
1,2,4-Trimethylbenzene	0.0177	0.0020	mg/Kg wet	0.0200		88.3	70-130	2.64	20		
1,3,5-Trimethylbenzene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130	3.11	20		
Vinyl Chloride	0.0143	0.010	mg/Kg wet	0.0200		71.4	70-130	0.985	20		
m+p Xylene	0.0422	0.0040	mg/Kg wet	0.0400		105	70-130	3.82	20		
o-Xylene	0.0215	0.0020	mg/Kg wet	0.0200		107	70-130	2.84	20		
Surrogate: 1,2-Dichloroethane-d4	*0.0530*		mg/Kg wet	0.0500		106	70-130				
Surrogate: Toluene-d8	*0.0535*		mg/Kg wet	0.0500		107	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0518*		mg/Kg wet	0.0500		104	70-130				

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QUALITY CONTROL

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B057626 - SW-846 5035											
Matrix Spike (B057626-MS1)		**Source: 12H0726-01**		Prepared & Analyzed: 08/24/12							
Acetone	0.180	0.10	mg/Kg dry	0.201	ND	89.4		70-130			V-16
tert-Amyl Methyl Ether (TAME)	0.0143	0.0010	mg/Kg dry	0.0201	ND	71.1		70-130			
Benzene	0.0168	0.0020	mg/Kg dry	0.0201	ND	83.5		70-130			
Bromobenzene	0.0187	0.0020	mg/Kg dry	0.0201	ND	92.7		70-130			
Bromochloromethane	0.0194	0.0020	mg/Kg dry	0.0201	ND	96.3		70-130			
Bromodichloromethane	0.0214	0.0020	mg/Kg dry	0.0201	ND	106		70-130			
Bromoform	0.0206	0.0040	mg/Kg dry	0.0201	ND	102		70-130			
Bromomethane	0.0137	0.010	mg/Kg dry	0.0201	ND	**68.2**	*	70-130			MS-07
2-Butanone (MEK)	0.158	0.040	mg/Kg dry	0.201	ND	78.4		70-130			
n-Butylbenzene	0.0196	0.0020	mg/Kg dry	0.0201	ND	97.2		70-130			
sec-Butylbenzene	0.0206	0.0020	mg/Kg dry	0.0201	ND	102		70-130			
tert-Butylbenzene	0.0217	0.0020	mg/Kg dry	0.0201	ND	108		70-130			
tert-Butyl Ethyl Ether (TBEE)	0.0156	0.0010	mg/Kg dry	0.0201	ND	77.3		70-130			
Carbon Disulfide	0.0160	0.0060	mg/Kg dry	0.0201	ND	79.5		70-130			
Carbon Tetrachloride	0.0246	0.0020	mg/Kg dry	0.0201	ND	122		70-130			
Chlorobenzene	0.0194	0.0020	mg/Kg dry	0.0201	ND	96.3		70-130			
Chlorodibromomethane	0.0226	0.0010	mg/Kg dry	0.0201	ND	112		70-130			
Chloroethane	0.0153	0.010	mg/Kg dry	0.0201	ND	76.2		70-130			
Chloroform	0.0211	0.0040	mg/Kg dry	0.0201	ND	105		70-130			
Chloromethane	0.0126	0.010	mg/Kg dry	0.0201	ND	**62.5**	*	70-130			MS-07
2-Chlorotoluene	0.0204	0.0020	mg/Kg dry	0.0201	ND	101		70-130			
4-Chlorotoluene	0.0212	0.0020	mg/Kg dry	0.0201	ND	105		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0213	0.0020	mg/Kg dry	0.0201	ND	106		70-130			V-16
1,2-Dibromoethane (EDB)	0.0209	0.0010	mg/Kg dry	0.0201	ND	104		70-130			
Dibromomethane	0.0203	0.0020	mg/Kg dry	0.0201	ND	101		70-130			
1,2-Dichlorobenzene	0.0204	0.0020	mg/Kg dry	0.0201	ND	101		70-130			
1,3-Dichlorobenzene	0.0204	0.0020	mg/Kg dry	0.0201	ND	102		70-130			
1,4-Dichlorobenzene	0.0185	0.0020	mg/Kg dry	0.0201	ND	91.7		70-130			
Dichlorodifluoromethane (Freon 12)	0.00759	0.010	mg/Kg dry	0.0201	ND	**37.7**	*	70-130			MS-07
1,1-Dichloroethane	0.0180	0.0020	mg/Kg dry	0.0201	ND	89.2		70-130			
1,2-Dichloroethane	0.0228	0.0020	mg/Kg dry	0.0201	ND	113		70-130			
1,1-Dichloroethylene	0.0201	0.0040	mg/Kg dry	0.0201	ND	99.6		70-130			
cis-1,2-Dichloroethylene	0.0176	0.0020	mg/Kg dry	0.0201	ND	87.6		70-130			
trans-1,2-Dichloroethylene	0.0176	0.0020	mg/Kg dry	0.0201	ND	87.3		70-130			
1,2-Dichloropropane	0.0175	0.0020	mg/Kg dry	0.0201	ND	86.8		70-130			
1,3-Dichloropropane	0.0191	0.0010	mg/Kg dry	0.0201	ND	94.9		70-130			
2,2-Dichloropropane	0.0180	0.0020	mg/Kg dry	0.0201	ND	89.4		70-130			
1,1-Dichloropropene	0.0187	0.0020	mg/Kg dry	0.0201	ND	93.0		70-130			
cis-1,3-Dichloropropene	0.0184	0.0010	mg/Kg dry	0.0201	ND	91.3		70-130			
trans-1,3-Dichloropropene	0.0185	0.0040	mg/Kg dry	0.0201	ND	91.9		70-130			
Diethyl Ether	0.0174	0.010	mg/Kg dry	0.0201	ND	86.3		70-130			
Diisopropyl Ether (DIPE)	0.0174	0.0010	mg/Kg dry	0.0201	ND	86.2		70-130			
1,4-Dioxane	0.136	0.10	mg/Kg dry	0.201	ND	**67.6**	*	70-130			MS-07, V-16
Ethylbenzene	0.0190	0.0020	mg/Kg dry	0.0201	ND	94.4		70-130			
Hexachlorobutadiene	0.0192	0.0020	mg/Kg dry	0.0201	ND	95.5		70-130			
2-Hexanone (MBK)	0.167	0.020	mg/Kg dry	0.201	ND	82.7		70-130			
Isopropylbenzene (Cumene)	0.0201	0.0020	mg/Kg dry	0.0201	ND	99.8		70-130			
p-Isopropyltoluene (p-Cymene)	0.0208	0.0020	mg/Kg dry	0.0201	ND	103		70-130			
Methyl tert-Butyl Ether (MTBE)	0.0182	0.0040	mg/Kg dry	0.0201	ND	90.5		70-130			
Methylene Chloride	0.0184	0.010	mg/Kg dry	0.0201	ND	91.5		70-130			
4-Methyl-2-pentanone (MIBK)	0.168	0.020	mg/Kg dry	0.201	ND	83.4		70-130			
Naphthalene	0.0155	0.0040	mg/Kg dry	0.0201	ND	77.2		70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B057626 - SW-846 5035											
Matrix Spike (B057626-MS1)	**Source: 12H0726-01**			Prepared & Analyzed: 08/24/12							
n-Propylbenzene	0.0204	0.0020	mg/Kg dry	0.0201	ND	101		70-130			
Styrene	0.0189	0.0020	mg/Kg dry	0.0201	ND	93.8		70-130			
1,1,1,2-Tetrachloroethane	0.0225	0.0020	mg/Kg dry	0.0201	ND	112		70-130			
1,1,2,2-Tetrachloroethane	0.0183	0.0010	mg/Kg dry	0.0201	ND	90.7		70-130			
Tetrachloroethylene	0.0257	0.0020	mg/Kg dry	0.0201	0.0307	**-24.8**	*	70-130			MS-07
Tetrahydrofuran	0.0177	0.010	mg/Kg dry	0.0201	ND	88.0		70-130			V-16
Toluene	0.0189	0.0020	mg/Kg dry	0.0201	ND	93.6		70-130			
1,2,3-Trichlorobenzene	0.0180	0.0020	mg/Kg dry	0.0201	ND	89.4		70-130			
1,2,4-Trichlorobenzene	0.0175	0.0020	mg/Kg dry	0.0201	ND	86.7		70-130			
1,1,1-Trichloroethane	0.0207	0.0020	mg/Kg dry	0.0201	ND	103		70-130			
1,1,2-Trichloroethane	0.0184	0.0020	mg/Kg dry	0.0201	ND	91.4		70-130			
Trichloroethylene	0.0211	0.0020	mg/Kg dry	0.0201	0.0382	**-84.8**	*	70-130			MS-07
Trichlorofluoromethane (Freon 11)	0.0170	0.010	mg/Kg dry	0.0201	ND	84.3		70-130			
1,2,3-Trichloropropane	0.0199	0.0020	mg/Kg dry	0.0201	ND	98.7		70-130			
1,2,4-Trimethylbenzene	0.0177	0.0020	mg/Kg dry	0.0201	ND	87.9		70-130			
1,3,5-Trimethylbenzene	0.0195	0.0020	mg/Kg dry	0.0201	ND	96.9		70-130			
Vinyl Chloride	0.0133	0.010	mg/Kg dry	0.0201	ND	**65.9**	*	70-130			MS-07
m+p Xylene	0.0404	0.0040	mg/Kg dry	0.0403	ND	100		70-130			
o-Xylene	0.0207	0.0020	mg/Kg dry	0.0201	ND	103		70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0534*		mg/Kg dry	0.0504		106		70-130			
Surrogate: Toluene-d8	*0.0505*		mg/Kg dry	0.0504		100		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0500*		mg/Kg dry	0.0504		99.3		70-130			
Batch B057692 - SW-846 5035											
Blank (B057692-BLK1)				Prepared: 08/27/12 Analyzed: 08/28/12							
Acetone	ND	2.5	mg/Kg wet								V-05
tert-Amyl Methyl Ether (TAME)	ND	0.025	mg/Kg wet								
Benzene	ND	0.050	mg/Kg wet								
Bromobenzene	ND	0.050	mg/Kg wet								
Bromochloromethane	ND	0.050	mg/Kg wet								
Bromodichloromethane	ND	0.050	mg/Kg wet								
Bromoform	ND	0.25	mg/Kg wet								
Bromomethane	ND	0.10	mg/Kg wet								
2-Butanone (MEK)	ND	1.0	mg/Kg wet								
n-Butylbenzene	ND	0.050	mg/Kg wet								
sec-Butylbenzene	ND	0.050	mg/Kg wet								
tert-Butylbenzene	ND	0.050	mg/Kg wet								
tert-Butyl Ethyl Ether (TBEE)	ND	0.025	mg/Kg wet								
Carbon Disulfide	ND	0.50	mg/Kg wet								
Carbon Tetrachloride	ND	0.050	mg/Kg wet								
Chlorobenzene	ND	0.050	mg/Kg wet								
Chlorodibromomethane	ND	0.25	mg/Kg wet								
Chloroethane	ND	0.10	mg/Kg wet								
Chloroform	ND	0.10	mg/Kg wet								
Chloromethane	ND	0.10	mg/Kg wet								
2-Chlorotoluene	ND	0.050	mg/Kg wet								
4-Chlorotoluene	ND	0.050	mg/Kg wet								
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.25	mg/Kg wet								
1,2-Dibromoethane (EDB)	ND	0.025	mg/Kg wet								
Dibromomethane	ND	0.050	mg/Kg wet								
1,2-Dichlorobenzene	ND	0.050	mg/Kg wet								
1,3-Dichlorobenzene	ND	0.050	mg/Kg wet								

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B057692 - SW-846 5035										
Blank (B057692-BLK1)				Prepared: 08/27/12 Analyzed: 08/28/12						
1,4-Dichlorobenzene	ND	0.050	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet							L-04
1,1-Dichloroethane	ND	0.050	mg/Kg wet							
1,2-Dichloroethane	ND	0.050	mg/Kg wet							
1,1-Dichloroethylene	ND	0.050	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
1,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,3-Dichloropropane	ND	0.025	mg/Kg wet							
2,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,1-Dichloropropene	ND	0.10	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.050	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.10	mg/Kg wet							
Diethyl Ether	ND	0.10	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.025	mg/Kg wet							
1,4-Dioxane	ND	2.5	mg/Kg wet							V-16
Ethylbenzene	ND	0.050	mg/Kg wet							
Hexachlorobutadiene	ND	0.050	mg/Kg wet							
2-Hexanone (MBK)	ND	0.50	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.050	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.050	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet							
Methylene Chloride	ND	0.25	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.50	mg/Kg wet							
Naphthalene	ND	0.10	mg/Kg wet							V-05
n-Propylbenzene	ND	0.050	mg/Kg wet							
Styrene	ND	0.050	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.050	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet							
Tetrachloroethylene	ND	0.050	mg/Kg wet							
Tetrahydrofuran	ND	0.20	mg/Kg wet							V-05
Toluene	ND	0.050	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.20	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.050	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.050	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.050	mg/Kg wet							
Trichloroethylene	ND	0.050	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.050	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.050	mg/Kg wet							
Vinyl Chloride	ND	0.10	mg/Kg wet							L-04
m+p Xylene	ND	0.10	mg/Kg wet							
o-Xylene	ND	0.050	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	*0.0234*		mg/Kg wet	0.0250		93.6	70-130			
Surrogate: Toluene-d8	*0.0245*		mg/Kg wet	0.0250		98.1	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0258*		mg/Kg wet	0.0250		103	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B057692 - SW-846 5035												
LCS (B057692-BS1)				Prepared & Analyzed: 08/27/12								
Acetone	0.0858	0.057	mg/Kg wet	0.113		75.7		40-160			V-05	†
tert-Amyl Methyl Ether (TAME)	0.0108	0.00057	mg/Kg wet	0.0113		95.3		70-130				
Benzene	0.0103	0.0011	mg/Kg wet	0.0113		90.6		70-130				
Bromobenzene	0.0119	0.0011	mg/Kg wet	0.0113		105		70-130				
Bromochloromethane	0.0125	0.0011	mg/Kg wet	0.0113		110		70-130				
Bromodichloromethane	0.0127	0.0011	mg/Kg wet	0.0113		112		70-130				
Bromoform	0.0110	0.0057	mg/Kg wet	0.0113		96.8		70-130				
Bromomethane	0.00493	0.0023	mg/Kg wet	0.0113		43.5		40-160			L-14	†
2-Butanone (MEK)	0.0888	0.023	mg/Kg wet	0.113		78.3		40-160				†
n-Butylbenzene	0.0112	0.0011	mg/Kg wet	0.0113		98.7		70-130				
sec-Butylbenzene	0.0112	0.0011	mg/Kg wet	0.0113		99.0		70-130				
tert-Butylbenzene	0.0114	0.0011	mg/Kg wet	0.0113		101		70-130				
tert-Butyl Ethyl Ether (TBEE)	0.0104	0.00057	mg/Kg wet	0.0113		91.4		70-130				
Carbon Disulfide	0.00958	0.011	mg/Kg wet	0.0113		84.5		70-130				
Carbon Tetrachloride	0.0118	0.0011	mg/Kg wet	0.0113		104		70-130				
Chlorobenzene	0.0120	0.0011	mg/Kg wet	0.0113		106		70-130				
Chlorodibromomethane	0.0109	0.0057	mg/Kg wet	0.0113		96.1		70-130				
Chloroethane	0.00992	0.0023	mg/Kg wet	0.0113		87.5		70-130				
Chloroform	0.0114	0.0023	mg/Kg wet	0.0113		100		70-130				
Chloromethane	0.00649	0.0023	mg/Kg wet	0.0113		57.3		40-160			L-14	†
2-Chlorotoluene	0.0119	0.0011	mg/Kg wet	0.0113		105		70-130				
4-Chlorotoluene	0.0126	0.0011	mg/Kg wet	0.0113		111		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.00979	0.0057	mg/Kg wet	0.0113		86.4		70-130				
1,2-Dibromoethane (EDB)	0.0128	0.00057	mg/Kg wet	0.0113		113		70-130				
Dibromomethane	0.0123	0.0011	mg/Kg wet	0.0113		108		70-130				
1,2-Dichlorobenzene	0.0115	0.0011	mg/Kg wet	0.0113		102		70-130				
1,3-Dichlorobenzene	0.0116	0.0011	mg/Kg wet	0.0113		102		70-130				
1,4-Dichlorobenzene	0.0120	0.0011	mg/Kg wet	0.0113		106		70-130				
Dichlorodifluoromethane (Freon 12)	0.00413	0.0023	mg/Kg wet	0.0113		**36.4**	*	40-160			L-04	†
1,1-Dichloroethane	0.0104	0.0011	mg/Kg wet	0.0113		91.5		70-130				
1,2-Dichloroethane	0.0122	0.0011	mg/Kg wet	0.0113		108		70-130				
1,1-Dichloroethylene	0.0105	0.0011	mg/Kg wet	0.0113		92.8		70-130				
cis-1,2-Dichloroethylene	0.0102	0.0011	mg/Kg wet	0.0113		89.7		70-130				
trans-1,2-Dichloroethylene	0.0105	0.0011	mg/Kg wet	0.0113		92.3		70-130				
1,2-Dichloropropane	0.0109	0.0011	mg/Kg wet	0.0113		96.3		70-130				
1,3-Dichloropropane	0.0119	0.00057	mg/Kg wet	0.0113		105		70-130				
2,2-Dichloropropane	0.00959	0.0011	mg/Kg wet	0.0113		84.6		70-130				
1,1-Dichloropropene	0.0111	0.0023	mg/Kg wet	0.0113		98.3		70-130				
cis-1,3-Dichloropropene	0.00989	0.0011	mg/Kg wet	0.0113		87.3		70-130				
trans-1,3-Dichloropropene	0.0112	0.0023	mg/Kg wet	0.0113		98.9		70-130				
Diethyl Ether	0.00977	0.0023	mg/Kg wet	0.0113		86.2		70-130				
Diisopropyl Ether (DIPE)	0.00979	0.00057	mg/Kg wet	0.0113		86.4		70-130				
1,4-Dioxane	0.121	0.057	mg/Kg wet	0.113		107		40-160			V-16	†
Ethylbenzene	0.0123	0.0011	mg/Kg wet	0.0113		109		70-130				
Hexachlorobutadiene	0.0123	0.0011	mg/Kg wet	0.0113		109		70-130				
2-Hexanone (MBK)	0.103	0.011	mg/Kg wet	0.113		90.9		40-160				†
Isopropylbenzene (Cumene)	0.0125	0.0011	mg/Kg wet	0.0113		111		70-130				
p-Isopropyltoluene (p-Cymene)	0.0122	0.0011	mg/Kg wet	0.0113		107		70-130				
Methyl tert-Butyl Ether (MTBE)	0.0123	0.0011	mg/Kg wet	0.0113		108		70-130				
Methylene Chloride	0.0111	0.0057	mg/Kg wet	0.0113		98.1		70-130				
4-Methyl-2-pentanone (MIBK)	0.0996	0.011	mg/Kg wet	0.113		87.9		40-160				†
Naphthalene	0.00979	0.0023	mg/Kg wet	0.0113		86.4		70-130			V-05	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B057692 - SW-846 5035												
LCS (B057692-BS1)				Prepared & Analyzed: 08/27/12								
n-Propylbenzene	0.0120	0.0011	mg/Kg wet	0.0113		106		70-130				
Styrene	0.0127	0.0011	mg/Kg wet	0.0113		112		70-130				
1,1,1,2-Tetrachloroethane	0.0124	0.0011	mg/Kg wet	0.0113		109		70-130				
1,1,2,2-Tetrachloroethane	0.0116	0.00057	mg/Kg wet	0.0113		102		70-130				
Tetrachloroethylene	0.0131	0.0011	mg/Kg wet	0.0113		115		70-130				
Tetrahydrofuran	0.00783	0.0045	mg/Kg wet	0.0113		**69.1**	*	70-130			L-07, V-05	
Toluene	0.0118	0.0011	mg/Kg wet	0.0113		104		70-130				
1,2,3-Trichlorobenzene	0.0115	0.0045	mg/Kg wet	0.0113		101		70-130				
1,2,4-Trichlorobenzene	0.0116	0.0011	mg/Kg wet	0.0113		103		70-130				
1,1,1-Trichloroethane	0.0120	0.0011	mg/Kg wet	0.0113		106		70-130				
1,1,2-Trichloroethane	0.0121	0.0011	mg/Kg wet	0.0113		107		70-130				
Trichloroethylene	0.0119	0.0011	mg/Kg wet	0.0113		105		70-130				
Trichlorofluoromethane (Freon 11)	0.00993	0.0023	mg/Kg wet	0.0113		87.6		70-130				
1,2,3-Trichloropropane	0.0128	0.0023	mg/Kg wet	0.0113		113		70-130				
1,2,4-Trimethylbenzene	0.0116	0.0011	mg/Kg wet	0.0113		102		70-130				
1,3,5-Trimethylbenzene	0.0126	0.0011	mg/Kg wet	0.0113		111		70-130				
Vinyl Chloride	0.00691	0.0023	mg/Kg wet	0.0113		**61.0**	*	70-130			L-04	
m+p Xylene	0.0251	0.0023	mg/Kg wet	0.0227		111		70-130				
o-Xylene	0.0123	0.0011	mg/Kg wet	0.0113		109		70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0269*		mg/Kg wet	0.0283		94.9		70-130				
Surrogate: Toluene-d8	*0.0287*		mg/Kg wet	0.0283		101		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0286*		mg/Kg wet	0.0283		101		70-130				
LCS Dup (B057692-BSD1)				Prepared & Analyzed: 08/27/12								
Acetone	0.0829	0.057	mg/Kg wet	0.113		73.2		40-160	3.41	20	V-05	†
tert-Amyl Methyl Ether (TAME)	0.0104	0.00057	mg/Kg wet	0.0113		92.1		70-130	3.42	20		
Benzene	0.00989	0.0011	mg/Kg wet	0.0113		87.3		70-130	3.71	20		
Bromobenzene	0.0114	0.0011	mg/Kg wet	0.0113		101		70-130	3.89	20		
Bromochloromethane	0.0118	0.0011	mg/Kg wet	0.0113		104		70-130	5.78	20		
Bromodichloromethane	0.0121	0.0011	mg/Kg wet	0.0113		107		70-130	4.93	20		
Bromoform	0.0109	0.0057	mg/Kg wet	0.0113		96.3		70-130	0.518	20		
Bromomethane	0.00597	0.0023	mg/Kg wet	0.0113		52.7		40-160	19.1	20	L-14	†
2-Butanone (MEK)	0.0864	0.023	mg/Kg wet	0.113		76.2		40-160	2.73	20		†
n-Butylbenzene	0.0108	0.0011	mg/Kg wet	0.0113		95.2		70-130	3.61	20		
sec-Butylbenzene	0.0108	0.0011	mg/Kg wet	0.0113		95.1		70-130	4.02	20		
tert-Butylbenzene	0.0113	0.0011	mg/Kg wet	0.0113		99.8		70-130	0.898	20		
tert-Butyl Ethyl Ether (TBEE)	0.0102	0.00057	mg/Kg wet	0.0113		90.1		70-130	1.43	20		
Carbon Disulfide	0.00874	0.011	mg/Kg wet	0.0113		77.1		70-130	9.16	20		
Carbon Tetrachloride	0.0110	0.0011	mg/Kg wet	0.0113		97.4		70-130	6.27	20		
Chlorobenzene	0.0116	0.0011	mg/Kg wet	0.0113		102		70-130	3.08	20		
Chlorodibromomethane	0.0109	0.0057	mg/Kg wet	0.0113		95.8		70-130	0.313	20		
Chloroethane	0.00926	0.0023	mg/Kg wet	0.0113		81.7		70-130	6.86	20		
Chloroform	0.0110	0.0023	mg/Kg wet	0.0113		97.0		70-130	3.44	20		
Chloromethane	0.00603	0.0023	mg/Kg wet	0.0113		53.2		40-160	7.42	20	L-14	†
2-Chlorotoluene	0.0115	0.0011	mg/Kg wet	0.0113		101		70-130	3.88	20		
4-Chlorotoluene	0.0122	0.0011	mg/Kg wet	0.0113		108		70-130	3.38	20		
1,2-Dibromo-3-chloropropane (DBCP)	0.00975	0.0057	mg/Kg wet	0.0113		86.0		70-130	0.464	20		
1,2-Dibromoethane (EDB)	0.0126	0.00057	mg/Kg wet	0.0113		111		70-130	1.43	20		
Dibromomethane	0.0121	0.0011	mg/Kg wet	0.0113		107		70-130	1.40	20		
1,2-Dichlorobenzene	0.0114	0.0011	mg/Kg wet	0.0113		101		70-130	0.791	20		
1,3-Dichlorobenzene	0.0115	0.0011	mg/Kg wet	0.0113		102		70-130	0.491	20		
1,4-Dichlorobenzene	0.0117	0.0011	mg/Kg wet	0.0113		103		70-130	2.40	20		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B057692 - SW-846 5035												
LCS Dup (B057692-BSD1)				Prepared & Analyzed: 08/27/12								
Dichlorodifluoromethane (Freon 12)	0.00358	0.0023	mg/Kg wet	0.0113		**31.6**	*	40-160	14.1	20	L-04	†
1,1-Dichloroethane	0.0101	0.0011	mg/Kg wet	0.0113		88.9		70-130	2.88	20		
1,2-Dichloroethane	0.0122	0.0011	mg/Kg wet	0.0113		108		70-130	0.0929	20		
1,1-Dichloroethylene	0.00991	0.0011	mg/Kg wet	0.0113		87.4		70-130	5.99	20		
cis-1,2-Dichloroethylene	0.00966	0.0011	mg/Kg wet	0.0113		85.2		70-130	5.15	20		
trans-1,2-Dichloroethylene	0.00988	0.0011	mg/Kg wet	0.0113		87.2		70-130	5.68	20		
1,2-Dichloropropane	0.0106	0.0011	mg/Kg wet	0.0113		93.5		70-130	2.95	20		
1,3-Dichloropropane	0.0117	0.00057	mg/Kg wet	0.0113		104		70-130	1.63	20		
2,2-Dichloropropane	0.00912	0.0011	mg/Kg wet	0.0113		80.5		70-130	4.97	20		
1,1-Dichloropropene	0.0105	0.0023	mg/Kg wet	0.0113		92.8		70-130	5.76	20		
cis-1,3-Dichloropropene	0.00991	0.0011	mg/Kg wet	0.0113		87.4		70-130	0.114	20		
trans-1,3-Dichloropropene	0.0108	0.0023	mg/Kg wet	0.0113		95.5		70-130	3.50	20		
Diethyl Ether	0.00954	0.0023	mg/Kg wet	0.0113		84.2		70-130	2.35	20		
Diisopropyl Ether (DIPE)	0.00962	0.00057	mg/Kg wet	0.0113		84.9		70-130	1.75	20		
1,4-Dioxane	0.114	0.057	mg/Kg wet	0.113		101		40-160	5.51	20	V-16	†
Ethylbenzene	0.0116	0.0011	mg/Kg wet	0.0113		102		70-130	5.97	20		
Hexachlorobutadiene	0.0123	0.0011	mg/Kg wet	0.0113		108		70-130	0.460	20		
2-Hexanone (MBK)	0.100	0.011	mg/Kg wet	0.113		88.5		40-160	2.68	20		†
Isopropylbenzene (Cumene)	0.0119	0.0011	mg/Kg wet	0.0113		105		70-130	5.48	20		
p-Isopropyltoluene (p-Cymene)	0.0117	0.0011	mg/Kg wet	0.0113		103		70-130	3.99	20		
Methyl tert-Butyl Ether (MTBE)	0.0121	0.0011	mg/Kg wet	0.0113		107		70-130	1.67	20		
Methylene Chloride	0.0110	0.0057	mg/Kg wet	0.0113		96.8		70-130	1.33	20		
4-Methyl-2-pentanone (MIBK)	0.0979	0.011	mg/Kg wet	0.113		86.4		40-160	1.74	20		†
Naphthalene	0.00986	0.0023	mg/Kg wet	0.0113		87.0		70-130	0.692	20	V-05	
n-Propylbenzene	0.0114	0.0011	mg/Kg wet	0.0113		101		70-130	4.76	20		
Styrene	0.0122	0.0011	mg/Kg wet	0.0113		108		70-130	3.73	20		
1,1,1,2-Tetrachloroethane	0.0123	0.0011	mg/Kg wet	0.0113		109		70-130	0.458	20		
1,1,2,2-Tetrachloroethane	0.0114	0.00057	mg/Kg wet	0.0113		101		70-130	1.18	20		
Tetrachloroethylene	0.0122	0.0011	mg/Kg wet	0.0113		108		70-130	7.09	20		
Tetrahydrofuran	0.00859	0.0045	mg/Kg wet	0.0113		75.8		70-130	9.25	20	V-05	
Toluene	0.0114	0.0011	mg/Kg wet	0.0113		101		70-130	3.51	20		
1,2,3-Trichlorobenzene	0.0116	0.0045	mg/Kg wet	0.0113		103		70-130	1.18	20		
1,2,4-Trichlorobenzene	0.0118	0.0011	mg/Kg wet	0.0113		104		70-130	1.55	20		
1,1,1-Trichloroethane	0.0114	0.0011	mg/Kg wet	0.0113		100		70-130	5.61	20		
1,1,2-Trichloroethane	0.0119	0.0011	mg/Kg wet	0.0113		105		70-130	1.79	20		
Trichloroethylene	0.0113	0.0011	mg/Kg wet	0.0113		99.3		70-130	5.20	20		
Trichlorofluoromethane (Freon 11)	0.00921	0.0023	mg/Kg wet	0.0113		81.3		70-130	7.46	20		
1,2,3-Trichloropropane	0.0127	0.0023	mg/Kg wet	0.0113		112		70-130	0.713	20		
1,2,4-Trimethylbenzene	0.0114	0.0011	mg/Kg wet	0.0113		100		70-130	1.68	20		
1,3,5-Trimethylbenzene	0.0121	0.0011	mg/Kg wet	0.0113		107		70-130	3.86	20		
Vinyl Chloride	0.00637	0.0023	mg/Kg wet	0.0113		**56.2**	*	70-130	8.19	20	L-04	
m+p Xylene	0.0237	0.0023	mg/Kg wet	0.0227		105		70-130	5.66	20		
o-Xylene	0.0118	0.0011	mg/Kg wet	0.0113		104		70-130	4.32	20		
Surrogate: 1,2-Dichloroethane-d4	*0.0267*		mg/Kg wet	0.0283		94.1		70-130				
Surrogate: Toluene-d8	*0.0281*		mg/Kg wet	0.0283		99.2		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0286*		mg/Kg wet	0.0283		101		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B057706 - SW-846 5035										
Blank (B057706-BLK1)				Prepared & Analyzed: 08/27/12						
Acetone	ND	2.5	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.025	mg/Kg wet							
Benzene	ND	0.050	mg/Kg wet							
Bromobenzene	ND	0.050	mg/Kg wet							
Bromochloromethane	ND	0.050	mg/Kg wet							
Bromodichloromethane	ND	0.050	mg/Kg wet							
Bromoform	ND	0.25	mg/Kg wet							
Bromomethane	ND	0.10	mg/Kg wet							
2-Butanone (MEK)	ND	1.0	mg/Kg wet							V-05
n-Butylbenzene	ND	0.050	mg/Kg wet							
sec-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.025	mg/Kg wet							
Carbon Disulfide	ND	0.50	mg/Kg wet							
Carbon Tetrachloride	ND	0.050	mg/Kg wet							
Chlorobenzene	ND	0.050	mg/Kg wet							
Chlorodibromomethane	ND	0.25	mg/Kg wet							
Chloroethane	ND	0.10	mg/Kg wet							
Chloroform	ND	0.10	mg/Kg wet							
Chloromethane	ND	0.10	mg/Kg wet							
2-Chlorotoluene	ND	0.050	mg/Kg wet							
4-Chlorotoluene	ND	0.050	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.25	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.025	mg/Kg wet							
Dibromomethane	ND	0.050	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.050	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet							L-04
1,1-Dichloroethane	ND	0.050	mg/Kg wet							
1,2-Dichloroethane	ND	0.050	mg/Kg wet							
1,1-Dichloroethylene	ND	0.050	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
1,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,3-Dichloropropane	ND	0.025	mg/Kg wet							
2,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,1-Dichloropropene	ND	0.10	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.050	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.10	mg/Kg wet							
Diethyl Ether	ND	0.10	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.025	mg/Kg wet							
1,4-Dioxane	ND	2.5	mg/Kg wet							V-16
Ethylbenzene	ND	0.050	mg/Kg wet							
Hexachlorobutadiene	ND	0.050	mg/Kg wet							
2-Hexanone (MBK)	ND	0.50	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.050	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.050	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet							
Methylene Chloride	ND	0.25	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.50	mg/Kg wet							
Naphthalene	ND	0.10	mg/Kg wet							V-05

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QUALITY CONTROL

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B057706 - SW-846 5035												
Blank (B057706-BLK1)				Prepared & Analyzed: 08/27/12								
n-Propylbenzene	ND	0.050	mg/Kg wet									
Styrene	ND	0.050	mg/Kg wet									
1,1,1,2-Tetrachloroethane	ND	0.050	mg/Kg wet									
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet									
Tetrachloroethylene	ND	0.050	mg/Kg wet									
Tetrahydrofuran	ND	0.20	mg/Kg wet								L-04, V-05	
Toluene	ND	0.050	mg/Kg wet									
1,2,3-Trichlorobenzene	ND	0.20	mg/Kg wet									
1,2,4-Trichlorobenzene	ND	0.050	mg/Kg wet									
1,1,1-Trichloroethane	ND	0.050	mg/Kg wet									
1,1,2-Trichloroethane	ND	0.050	mg/Kg wet									
Trichloroethylene	ND	0.050	mg/Kg wet									
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet									
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet									
1,2,4-Trimethylbenzene	ND	0.050	mg/Kg wet									
1,3,5-Trimethylbenzene	ND	0.050	mg/Kg wet									
Vinyl Chloride	ND	0.10	mg/Kg wet								L-04	
m+p Xylene	ND	0.10	mg/Kg wet									
o-Xylene	ND	0.050	mg/Kg wet									
Surrogate: 1,2-Dichloroethane-d4	*0.0228*		mg/Kg wet	0.0250		91.4		70-130				
Surrogate: Toluene-d8	*0.0245*		mg/Kg wet	0.0250		97.8		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0263*		mg/Kg wet	0.0250		105		70-130				
LCS (B057706-BS1)				Prepared & Analyzed: 08/27/12								
Acetone	0.0764	0.057	mg/Kg wet	0.113		67.4		40-160			L-14	†
tert-Amyl Methyl Ether (TAME)	0.00991	0.00057	mg/Kg wet	0.0113		87.4		70-130				
Benzene	0.00924	0.0011	mg/Kg wet	0.0113		81.5		70-130				
Bromobenzene	0.0108	0.0011	mg/Kg wet	0.0113		95.3		70-130				
Bromochloromethane	0.0112	0.0011	mg/Kg wet	0.0113		98.6		70-130				
Bromodichloromethane	0.0122	0.0011	mg/Kg wet	0.0113		108		70-130			V-20	
Bromoform	0.0108	0.0057	mg/Kg wet	0.0113		95.6		70-130				
Bromomethane	0.00449	0.0023	mg/Kg wet	0.0113		**39.6**	*	40-160			L-07	†
2-Butanone (MEK)	0.0742	0.023	mg/Kg wet	0.113		65.5		40-160			L-14, V-05	†
n-Butylbenzene	0.0103	0.0011	mg/Kg wet	0.0113		91.1		70-130				
sec-Butylbenzene	0.0103	0.0011	mg/Kg wet	0.0113		90.6		70-130				
tert-Butylbenzene	0.0105	0.0011	mg/Kg wet	0.0113		92.9		70-130				
tert-Butyl Ethyl Ether (TBEE)	0.00963	0.00057	mg/Kg wet	0.0113		85.0		70-130				
Carbon Disulfide	0.00977	0.011	mg/Kg wet	0.0113		86.2		70-130				
Carbon Tetrachloride	0.0107	0.0011	mg/Kg wet	0.0113		94.5		70-130				
Chlorobenzene	0.0109	0.0011	mg/Kg wet	0.0113		96.4		70-130				
Chlorodibromomethane	0.0105	0.0057	mg/Kg wet	0.0113		92.6		70-130				
Chloroethane	0.00916	0.0023	mg/Kg wet	0.0113		80.8		70-130				
Chloroform	0.0104	0.0023	mg/Kg wet	0.0113		91.8		70-130				
Chloromethane	0.00658	0.0023	mg/Kg wet	0.0113		58.1		40-160			L-14	†
2-Chlorotoluene	0.0109	0.0011	mg/Kg wet	0.0113		96.2		70-130				
4-Chlorotoluene	0.0114	0.0011	mg/Kg wet	0.0113		100		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.00923	0.0057	mg/Kg wet	0.0113		81.4		70-130				
1,2-Dibromoethane (EDB)	0.0114	0.00057	mg/Kg wet	0.0113		101		70-130				
Dibromomethane	0.0108	0.0011	mg/Kg wet	0.0113		95.2		70-130				
1,2-Dichlorobenzene	0.0105	0.0011	mg/Kg wet	0.0113		92.5		70-130				
1,3-Dichlorobenzene	0.0106	0.0011	mg/Kg wet	0.0113		93.7		70-130				
1,4-Dichlorobenzene	0.0109	0.0011	mg/Kg wet	0.0113		96.1		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B057706 - SW-846 5035												
LCS (B057706-BS1)				Prepared & Analyzed: 08/27/12								
Dichlorodifluoromethane (Freon 12)	0.00346	0.0023	mg/Kg wet	0.0113		**30.5**	*	40-160			L-04	†
1,1-Dichloroethane	0.00928	0.0011	mg/Kg wet	0.0113		81.9		70-130				
1,2-Dichloroethane	0.0108	0.0011	mg/Kg wet	0.0113		95.6		70-130				
1,1-Dichloroethylene	0.00967	0.0011	mg/Kg wet	0.0113		85.3		70-130				
cis-1,2-Dichloroethylene	0.00927	0.0011	mg/Kg wet	0.0113		81.8		70-130				
trans-1,2-Dichloroethylene	0.00967	0.0011	mg/Kg wet	0.0113		85.3		70-130				
1,2-Dichloropropane	0.00995	0.0011	mg/Kg wet	0.0113		87.8		70-130				
1,3-Dichloropropane	0.0105	0.00057	mg/Kg wet	0.0113		92.9		70-130				
2,2-Dichloropropane	0.0114	0.0011	mg/Kg wet	0.0113		100		70-130				
1,1-Dichloropropene	0.00996	0.0023	mg/Kg wet	0.0113		87.9		70-130				
cis-1,3-Dichloropropene	0.00975	0.0011	mg/Kg wet	0.0113		86.0		70-130				
trans-1,3-Dichloropropene	0.0108	0.0023	mg/Kg wet	0.0113		95.1		70-130				
Diethyl Ether	0.00916	0.0023	mg/Kg wet	0.0113		80.8		70-130				
Diisopropyl Ether (DIPE)	0.00899	0.00057	mg/Kg wet	0.0113		79.3		70-130				
1,4-Dioxane	0.109	0.057	mg/Kg wet	0.113		95.9		40-160			V-16	†
Ethylbenzene	0.0111	0.0011	mg/Kg wet	0.0113		98.3		70-130				
Hexachlorobutadiene	0.0117	0.0011	mg/Kg wet	0.0113		103		70-130				
2-Hexanone (MBK)	0.0869	0.011	mg/Kg wet	0.113		76.7		40-160				†
Isopropylbenzene (Cumene)	0.0115	0.0011	mg/Kg wet	0.0113		101		70-130				
p-Isopropyltoluene (p-Cymene)	0.0110	0.0011	mg/Kg wet	0.0113		96.9		70-130				
Methyl tert-Butyl Ether (MTBE)	0.0115	0.0011	mg/Kg wet	0.0113		102		70-130				
Methylene Chloride	0.00991	0.0057	mg/Kg wet	0.0113		87.4		70-130				
4-Methyl-2-pentanone (MIBK)	0.0851	0.011	mg/Kg wet	0.113		75.1		40-160				†
Naphthalene	0.00800	0.0023	mg/Kg wet	0.0113		70.6		70-130			V-05	
n-Propylbenzene	0.0109	0.0011	mg/Kg wet	0.0113		96.4		70-130				
Styrene	0.0116	0.0011	mg/Kg wet	0.0113		103		70-130				
1,1,1,2-Tetrachloroethane	0.0119	0.0011	mg/Kg wet	0.0113		105		70-130				
1,1,2,2-Tetrachloroethane	0.0105	0.00057	mg/Kg wet	0.0113		92.7		70-130				
Tetrachloroethylene	0.0118	0.0011	mg/Kg wet	0.0113		104		70-130				
Tetrahydrofuran	0.00719	0.0045	mg/Kg wet	0.0113		**63.4**	*	70-130			L-04, V-05	
Toluene	0.0107	0.0011	mg/Kg wet	0.0113		94.5		70-130				
1,2,3-Trichlorobenzene	0.00945	0.0045	mg/Kg wet	0.0113		83.4		70-130				
1,2,4-Trichlorobenzene	0.0103	0.0011	mg/Kg wet	0.0113		91.3		70-130				
1,1,1-Trichloroethane	0.0112	0.0011	mg/Kg wet	0.0113		98.6		70-130				
1,1,2-Trichloroethane	0.0109	0.0011	mg/Kg wet	0.0113		96.1		70-130				
Trichloroethylene	0.0106	0.0011	mg/Kg wet	0.0113		93.7		70-130				
Trichlorofluoromethane (Freon 11)	0.00881	0.0023	mg/Kg wet	0.0113		77.7		70-130				
1,2,3-Trichloropropane	0.0113	0.0023	mg/Kg wet	0.0113		99.4		70-130				
1,2,4-Trimethylbenzene	0.0105	0.0011	mg/Kg wet	0.0113		92.4		70-130				
1,3,5-Trimethylbenzene	0.0116	0.0011	mg/Kg wet	0.0113		102		70-130				
Vinyl Chloride	0.00640	0.0023	mg/Kg wet	0.0113		**56.5**	*	70-130			L-04	
m+p Xylene	0.0229	0.0023	mg/Kg wet	0.0227		101		70-130				
o-Xylene	0.0113	0.0011	mg/Kg wet	0.0113		100		70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0261*		mg/Kg wet	0.0283		92.2		70-130				
Surrogate: Toluene-d8	*0.0279*		mg/Kg wet	0.0283		98.4		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0290*		mg/Kg wet	0.0283		102		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B057706 - SW-846 5035												
LCS Dup (B057706-BSD1)				Prepared & Analyzed: 08/27/12								
Acetone	0.0775	0.057	mg/Kg wet	0.113		68.4		40-160	1.46	20	L-14	†
tert-Amyl Methyl Ether (TAME)	0.00992	0.00057	mg/Kg wet	0.0113		87.5		70-130	0.114	20		
Benzene	0.00894	0.0011	mg/Kg wet	0.0113		78.9		70-130	3.24	20		
Bromobenzene	0.0106	0.0011	mg/Kg wet	0.0113		93.4		70-130	2.01	20		
Bromochloromethane	0.0112	0.0011	mg/Kg wet	0.0113		98.4		70-130	0.203	20		
Bromodichloromethane	0.0117	0.0011	mg/Kg wet	0.0113		103		70-130	4.46	20	V-20	
Bromoform	0.0107	0.0057	mg/Kg wet	0.0113		94.7		70-130	0.946	20		
Bromomethane	0.00488	0.0023	mg/Kg wet	0.0113		43.1		40-160	8.46	20	L-14	†
2-Butanone (MEK)	0.0810	0.023	mg/Kg wet	0.113		71.4		40-160	8.68	20	V-05	†
n-Butylbenzene	0.00983	0.0011	mg/Kg wet	0.0113		86.7		70-130	4.95	20		
sec-Butylbenzene	0.00988	0.0011	mg/Kg wet	0.0113		87.2		70-130	3.82	20		
tert-Butylbenzene	0.0101	0.0011	mg/Kg wet	0.0113		89.4		70-130	3.84	20		
tert-Butyl Ethyl Ether (TBEE)	0.00955	0.00057	mg/Kg wet	0.0113		84.3		70-130	0.827	20		
Carbon Disulfide	0.00828	0.011	mg/Kg wet	0.0113		73.1		70-130	16.4	20		
Carbon Tetrachloride	0.0102	0.0011	mg/Kg wet	0.0113		90.1		70-130	4.77	20		
Chlorobenzene	0.0108	0.0011	mg/Kg wet	0.0113		94.9		70-130	1.57	20		
Chlorodibromomethane	0.0103	0.0057	mg/Kg wet	0.0113		91.2		70-130	1.52	20		
Chloroethane	0.00821	0.0023	mg/Kg wet	0.0113		72.4		70-130	11.0	20		
Chloroform	0.0100	0.0023	mg/Kg wet	0.0113		88.5		70-130	3.66	20		
Chloromethane	0.00558	0.0023	mg/Kg wet	0.0113		49.2		40-160	16.6	20	L-14	†
2-Chlorotoluene	0.0106	0.0011	mg/Kg wet	0.0113		93.4		70-130	2.95	20		
4-Chlorotoluene	0.0112	0.0011	mg/Kg wet	0.0113		98.6		70-130	1.71	20		
1,2-Dibromo-3-chloropropane (DBCP)	0.00946	0.0057	mg/Kg wet	0.0113		83.5		70-130	2.55	20		
1,2-Dibromoethane (EDB)	0.0113	0.00057	mg/Kg wet	0.0113		99.3		70-130	1.40	20		
Dibromomethane	0.0109	0.0011	mg/Kg wet	0.0113		95.9		70-130	0.733	20		
1,2-Dichlorobenzene	0.0102	0.0011	mg/Kg wet	0.0113		90.4		70-130	2.30	20		
1,3-Dichlorobenzene	0.0104	0.0011	mg/Kg wet	0.0113		91.9		70-130	1.94	20		
1,4-Dichlorobenzene	0.0105	0.0011	mg/Kg wet	0.0113		92.3		70-130	4.03	20		
Dichlorodifluoromethane (Freon 12)	0.00340	0.0023	mg/Kg wet	0.0113		**30.0**	*	40-160	1.65	20	L-04	†
1,1-Dichloroethane	0.00909	0.0011	mg/Kg wet	0.0113		80.2		70-130	2.10	20		
1,2-Dichloroethane	0.0107	0.0011	mg/Kg wet	0.0113		94.4		70-130	1.26	20		
1,1-Dichloroethylene	0.00890	0.0011	mg/Kg wet	0.0113		78.5		70-130	8.30	20		
cis-1,2-Dichloroethylene	0.00915	0.0011	mg/Kg wet	0.0113		80.7		70-130	1.35	20		
trans-1,2-Dichloroethylene	0.0114	0.0011	mg/Kg wet	0.0113		100		70-130	16.2	20		
1,2-Dichloropropane	0.00964	0.0011	mg/Kg wet	0.0113		85.1		70-130	3.12	20		
1,3-Dichloropropane	0.0106	0.00057	mg/Kg wet	0.0113		93.5		70-130	0.644	20		
2,2-Dichloropropane	0.0109	0.0011	mg/Kg wet	0.0113		96.4		70-130	4.07	20		
1,1-Dichloropropene	0.00963	0.0023	mg/Kg wet	0.0113		85.0		70-130	3.35	20		
cis-1,3-Dichloropropene	0.00969	0.0011	mg/Kg wet	0.0113		85.5		70-130	0.583	20		
trans-1,3-Dichloropropene	0.0107	0.0023	mg/Kg wet	0.0113		94.7		70-130	0.421	20		
Diethyl Ether	0.00882	0.0023	mg/Kg wet	0.0113		77.8		70-130	3.78	20		
Diisopropyl Ether (DIPE)	0.00883	0.00057	mg/Kg wet	0.0113		77.9		70-130	1.78	20		
1,4-Dioxane	0.117	0.057	mg/Kg wet	0.113		103		40-160	7.30	20	V-16	†
Ethylbenzene	0.0107	0.0011	mg/Kg wet	0.0113		94.4		70-130	4.05	20		
Hexachlorobutadiene	0.0111	0.0011	mg/Kg wet	0.0113		97.9		70-130	4.88	20		
2-Hexanone (MBK)	0.0921	0.011	mg/Kg wet	0.113		81.3		40-160	5.86	20		†
Isopropylbenzene (Cumene)	0.0112	0.0011	mg/Kg wet	0.0113		99.2		70-130	2.19	20		
p-Isopropyltoluene (p-Cymene)	0.0108	0.0011	mg/Kg wet	0.0113		95.6		70-130	1.35	20		
Methyl tert-Butyl Ether (MTBE)	0.0136	0.0011	mg/Kg wet	0.0113		120		70-130	16.8	20		
Methylene Chloride	0.00912	0.0057	mg/Kg wet	0.0113		80.5		70-130	8.22	20		
4-Methyl-2-pentanone (MIBK)	0.0899	0.011	mg/Kg wet	0.113		79.4		40-160	5.57	20		†
Naphthalene	0.00879	0.0023	mg/Kg wet	0.0113		77.6		70-130	9.45	20	V-05	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B057706 - SW-846 5035											
LCS Dup (B057706-BSD1)				Prepared & Analyzed: 08/27/12							
n-Propylbenzene	0.0104	0.0011	mg/Kg wet	0.0113		91.7		70-130	5.00	20	
Styrene	0.0112	0.0011	mg/Kg wet	0.0113		99.1		70-130	3.47	20	
1,1,1,2-Tetrachloroethane	0.0112	0.0011	mg/Kg wet	0.0113		99.2		70-130	5.97	20	
1,1,2,2-Tetrachloroethane	0.0107	0.00057	mg/Kg wet	0.0113		94.0		70-130	1.39	20	
Tetrachloroethylene	0.0112	0.0011	mg/Kg wet	0.0113		99.1		70-130	4.54	20	
Tetrahydrofuran	0.00790	0.0045	mg/Kg wet	0.0113		**69.7**	*	70-130	9.47	20	L-04, V-05
Toluene	0.0104	0.0011	mg/Kg wet	0.0113		92.1		70-130	2.57	20	
1,2,3-Trichlorobenzene	0.0100	0.0045	mg/Kg wet	0.0113		88.3		70-130	5.71	20	
1,2,4-Trichlorobenzene	0.0104	0.0011	mg/Kg wet	0.0113		92.0		70-130	0.764	20	
1,1,1-Trichloroethane	0.0107	0.0011	mg/Kg wet	0.0113		94.2		70-130	4.56	20	
1,1,2-Trichloroethane	0.0107	0.0011	mg/Kg wet	0.0113		94.7		70-130	1.47	20	
Trichloroethylene	0.0103	0.0011	mg/Kg wet	0.0113		90.6		70-130	3.36	20	
Trichlorofluoromethane (Freon 11)	0.00828	0.0023	mg/Kg wet	0.0113		73.1		70-130	6.10	20	
1,2,3-Trichloropropane	0.0117	0.0023	mg/Kg wet	0.0113		104		70-130	4.14	20	
1,2,4-Trimethylbenzene	0.0101	0.0011	mg/Kg wet	0.0113		89.1		70-130	3.64	20	
1,3,5-Trimethylbenzene	0.0112	0.0011	mg/Kg wet	0.0113		98.7		70-130	3.39	20	
Vinyl Chloride	0.00553	0.0023	mg/Kg wet	0.0113		**48.8**	*	70-130	14.6	20	L-04
m+p Xylene	0.0220	0.0023	mg/Kg wet	0.0227		96.8		70-130	4.34	20	
o-Xylene	0.0109	0.0011	mg/Kg wet	0.0113		96.6		70-130	3.56	20	
Surrogate: 1,2-Dichloroethane-d4	*0.0263*		mg/Kg wet	0.0283		92.8		70-130			
Surrogate: Toluene-d8	*0.0278*		mg/Kg wet	0.0283		98.2		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0289*		mg/Kg wet	0.0283		102		70-130			
Batch B057709 - SW-846 5035											
Blank (B057709-BLK1)				Prepared & Analyzed: 08/27/12							
Tetrachloroethylene	ND	0.050	mg/Kg wet								
Trichloroethylene	ND	0.050	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0228*		mg/Kg wet	0.0250		91.4		70-130			
Surrogate: Toluene-d8	*0.0245*		mg/Kg wet	0.0250		97.8		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0263*		mg/Kg wet	0.0250		105		70-130			
LCS (B057709-BS1)				Prepared & Analyzed: 08/27/12							
Tetrachloroethylene	0.0118	0.0011	mg/Kg wet	0.0113		104		70-130			
Trichloroethylene	0.0106	0.0011	mg/Kg wet	0.0113		93.7		70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0261*		mg/Kg wet	0.0283		92.2		70-130			
Surrogate: Toluene-d8	*0.0279*		mg/Kg wet	0.0283		98.4		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0290*		mg/Kg wet	0.0283		102		70-130			
LCS Dup (B057709-BSD1)				Prepared & Analyzed: 08/27/12							
Tetrachloroethylene	0.0112	0.0011	mg/Kg wet	0.0113		99.1		70-130	4.54	20	
Trichloroethylene	0.0103	0.0011	mg/Kg wet	0.0113		90.6		70-130	3.36	20	
Surrogate: 1,2-Dichloroethane-d4	*0.0263*		mg/Kg wet	0.0283		92.8		70-130			
Surrogate: Toluene-d8	*0.0278*		mg/Kg wet	0.0283		98.2		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0289*		mg/Kg wet	0.0283		102		70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B057714 - SW-846 5035										
Blank (B057714-BLK1)				Prepared & Analyzed: 08/27/12						
Acetone	ND	0.10	mg/Kg wet							V-16
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0040	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.010	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							V-16
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.010	mg/Kg wet							L-04
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0040	mg/Kg wet							
Diethyl Ether	ND	0.010	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.010	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							

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QUALITY CONTROL

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B057714 - SW-846 5035											
Blank (B057714-BLK1)				Prepared & Analyzed: 08/27/12							
n-Propylbenzene	ND	0.0020	mg/Kg wet								
Styrene	ND	0.0020	mg/Kg wet								
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet								
Tetrachloroethylene	ND	0.0020	mg/Kg wet								
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16	
Toluene	ND	0.0020	mg/Kg wet								
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet								
Trichloroethylene	ND	0.0020	mg/Kg wet								
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet								
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet								
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet								
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet								
Vinyl Chloride	ND	0.010	mg/Kg wet								
m+p Xylene	ND	0.0040	mg/Kg wet								
o-Xylene	ND	0.0020	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0551*		mg/Kg wet	0.0500		110	70-130				
Surrogate: Toluene-d8	*0.0499*		mg/Kg wet	0.0500		99.8	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0504*		mg/Kg wet	0.0500		101	70-130				
LCS (B057714-BS1)				Prepared & Analyzed: 08/27/12							
Acetone	0.199	0.10	mg/Kg wet	0.200		99.4	40-160			V-16, V-20	†
tert-Amyl Methyl Ether (TAME)	0.0168	0.0010	mg/Kg wet	0.0200		83.8	70-130				
Benzene	0.0173	0.0020	mg/Kg wet	0.0200		86.5	70-130				
Bromobenzene	0.0182	0.0020	mg/Kg wet	0.0200		91.2	70-130				
Bromochloromethane	0.0199	0.0020	mg/Kg wet	0.0200		99.5	70-130				
Bromodichloromethane	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130			V-20	
Bromoform	0.0205	0.0040	mg/Kg wet	0.0200		102	70-130				
Bromomethane	0.0141	0.010	mg/Kg wet	0.0200		70.5	40-160				†
2-Butanone (MEK)	0.169	0.040	mg/Kg wet	0.200		84.6	40-160				†
n-Butylbenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.4	70-130				
sec-Butylbenzene	0.0195	0.0020	mg/Kg wet	0.0200		97.3	70-130				
tert-Butylbenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130				
tert-Butyl Ethyl Ether (TBEE)	0.0178	0.0010	mg/Kg wet	0.0200		89.1	70-130				
Carbon Disulfide	0.0168	0.0060	mg/Kg wet	0.0200		84.0	70-130				
Carbon Tetrachloride	0.0244	0.0020	mg/Kg wet	0.0200		122	70-130			V-20	
Chlorobenzene	0.0192	0.0020	mg/Kg wet	0.0200		96.1	70-130				
Chlorodibromomethane	0.0223	0.0010	mg/Kg wet	0.0200		111	70-130			V-20	
Chloroethane	0.0168	0.010	mg/Kg wet	0.0200		83.9	70-130				
Chloroform	0.0213	0.0040	mg/Kg wet	0.0200		106	70-130				
Chloromethane	0.0138	0.010	mg/Kg wet	0.0200		69.0	40-160			L-14	†
2-Chlorotoluene	0.0201	0.0020	mg/Kg wet	0.0200		101	70-130				
4-Chlorotoluene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130			V-16	
1,2-Dibromoethane (EDB)	0.0211	0.0010	mg/Kg wet	0.0200		106	70-130				
Dibromomethane	0.0201	0.0020	mg/Kg wet	0.0200		101	70-130				
1,2-Dichlorobenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.6	70-130				
1,3-Dichlorobenzene	0.0196	0.0020	mg/Kg wet	0.0200		97.9	70-130				
1,4-Dichlorobenzene	0.0176	0.0020	mg/Kg wet	0.0200		88.0	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B057714 - SW-846 5035												
LCS (B057714-BS1)				Prepared & Analyzed: 08/27/12								
Dichlorodifluoromethane (Freon 12)	0.00786	0.010	mg/Kg wet	0.0200		**39.3**	*	40-160			L-04, V-20	†
1,1-Dichloroethane	0.0190	0.0020	mg/Kg wet	0.0200		95.1		70-130				
1,2-Dichloroethane	0.0223	0.0020	mg/Kg wet	0.0200		112		70-130			V-20	
1,1-Dichloroethylene	0.0210	0.0040	mg/Kg wet	0.0200		105		70-130				
cis-1,2-Dichloroethylene	0.0184	0.0020	mg/Kg wet	0.0200		91.8		70-130				
trans-1,2-Dichloroethylene	0.0181	0.0020	mg/Kg wet	0.0200		90.7		70-130				
1,2-Dichloropropane	0.0180	0.0020	mg/Kg wet	0.0200		89.9		70-130				
1,3-Dichloropropane	0.0195	0.0010	mg/Kg wet	0.0200		97.7		70-130				
2,2-Dichloropropane	0.0207	0.0020	mg/Kg wet	0.0200		103		70-130				
1,1-Dichloropropene	0.0195	0.0020	mg/Kg wet	0.0200		97.4		70-130				
cis-1,3-Dichloropropene	0.0193	0.0010	mg/Kg wet	0.0200		96.5		70-130				
trans-1,3-Dichloropropene	0.0196	0.0040	mg/Kg wet	0.0200		97.8		70-130				
Diethyl Ether	0.0187	0.010	mg/Kg wet	0.0200		93.4		70-130				
Diisopropyl Ether (DIPE)	0.0183	0.0010	mg/Kg wet	0.0200		91.5		70-130				
1,4-Dioxane	0.139	0.10	mg/Kg wet	0.200		69.4		40-160			L-14, V-16	†
Ethylbenzene	0.0183	0.0020	mg/Kg wet	0.0200		91.7		70-130				
Hexachlorobutadiene	0.0198	0.0020	mg/Kg wet	0.0200		98.9		70-130				
2-Hexanone (MBK)	0.179	0.020	mg/Kg wet	0.200		89.4		40-160				†
Isopropylbenzene (Cumene)	0.0197	0.0020	mg/Kg wet	0.0200		98.6		70-130				
p-Isopropyltoluene (p-Cymene)	0.0199	0.0020	mg/Kg wet	0.0200		99.4		70-130				
Methyl tert-Butyl Ether (MTBE)	0.0204	0.0040	mg/Kg wet	0.0200		102		70-130				
Methylene Chloride	0.0163	0.010	mg/Kg wet	0.0200		81.3		70-130				
4-Methyl-2-pentanone (MIBK)	0.178	0.020	mg/Kg wet	0.200		88.8		40-160				†
Naphthalene	0.0168	0.0040	mg/Kg wet	0.0200		83.9		70-130				
n-Propylbenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.5		70-130				
Styrene	0.0186	0.0020	mg/Kg wet	0.0200		93.1		70-130				
1,1,1,2-Tetrachloroethane	0.0220	0.0020	mg/Kg wet	0.0200		110		70-130			V-20	
1,1,2,2-Tetrachloroethane	0.0183	0.0010	mg/Kg wet	0.0200		91.3		70-130				
Tetrachloroethylene	0.0203	0.0020	mg/Kg wet	0.0200		101		70-130				
Tetrahydrofuran	0.0151	0.010	mg/Kg wet	0.0200		75.7		70-130			V-16	
Toluene	0.0185	0.0020	mg/Kg wet	0.0200		92.3		70-130				
1,2,3-Trichlorobenzene	0.0194	0.0020	mg/Kg wet	0.0200		97.2		70-130				
1,2,4-Trichlorobenzene	0.0184	0.0020	mg/Kg wet	0.0200		91.8		70-130				
1,1,1-Trichloroethane	0.0223	0.0020	mg/Kg wet	0.0200		111		70-130				
1,1,2-Trichloroethane	0.0180	0.0020	mg/Kg wet	0.0200		90.2		70-130				
Trichloroethylene	0.0195	0.0020	mg/Kg wet	0.0200		97.3		70-130				
Trichlorofluoromethane (Freon 11)	0.0177	0.010	mg/Kg wet	0.0200		88.5		70-130				
1,2,3-Trichloropropane	0.0197	0.0020	mg/Kg wet	0.0200		98.3		70-130				
1,2,4-Trimethylbenzene	0.0169	0.0020	mg/Kg wet	0.0200		84.7		70-130				
1,3,5-Trimethylbenzene	0.0192	0.0020	mg/Kg wet	0.0200		96.0		70-130				
Vinyl Chloride	0.0142	0.010	mg/Kg wet	0.0200		70.9		70-130				
m+p Xylene	0.0393	0.0040	mg/Kg wet	0.0400		98.3		70-130				
o-Xylene	0.0202	0.0020	mg/Kg wet	0.0200		101		70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0549*		mg/Kg wet	0.0500		110		70-130				
Surrogate: Toluene-d8	*0.0505*		mg/Kg wet	0.0500		101		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0512*		mg/Kg wet	0.0500		102		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B057714 - SW-846 5035												
LCS Dup (B057714-BSD1)				Prepared & Analyzed: 08/27/12								
Acetone	0.193	0.10	mg/Kg wet	0.200		96.4		40-160	3.11	20	V-16, V-20	†
tert-Amyl Methyl Ether (TAME)	0.0173	0.0010	mg/Kg wet	0.0200		86.5		70-130	3.17	20		
Benzene	0.0181	0.0020	mg/Kg wet	0.0200		90.3		70-130	4.30	20		
Bromobenzene	0.0188	0.0020	mg/Kg wet	0.0200		94.2		70-130	3.24	20		
Bromochloromethane	0.0205	0.0020	mg/Kg wet	0.0200		102		70-130	2.78	20		
Bromodichloromethane	0.0217	0.0020	mg/Kg wet	0.0200		109		70-130	0.831	20	V-20	
Bromoform	0.0202	0.0040	mg/Kg wet	0.0200		101		70-130	1.57	20		
Bromomethane	0.0143	0.010	mg/Kg wet	0.0200		71.7		40-160	1.69	20		†
2-Butanone (MEK)	0.173	0.040	mg/Kg wet	0.200		86.3		40-160	1.94	20		†
n-Butylbenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.3		70-130	2.99	20		
sec-Butylbenzene	0.0204	0.0020	mg/Kg wet	0.0200		102		70-130	4.81	20		
tert-Butylbenzene	0.0209	0.0020	mg/Kg wet	0.0200		105		70-130	2.81	20		
tert-Butyl Ethyl Ether (TBEE)	0.0181	0.0010	mg/Kg wet	0.0200		90.5		70-130	1.56	20		
Carbon Disulfide	0.0174	0.0060	mg/Kg wet	0.0200		87.0		70-130	3.51	20		
Carbon Tetrachloride	0.0255	0.0020	mg/Kg wet	0.0200		128		70-130	4.48	20	V-20	
Chlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		99.9		70-130	3.88	20		
Chlorodibromomethane	0.0226	0.0010	mg/Kg wet	0.0200		113		70-130	1.52	20	V-20	
Chloroethane	0.0169	0.010	mg/Kg wet	0.0200		84.4		70-130	0.594	20		
Chloroform	0.0219	0.0040	mg/Kg wet	0.0200		110		70-130	3.15	20		
Chloromethane	0.0139	0.010	mg/Kg wet	0.0200		69.3		40-160	0.434	20	L-14	†
2-Chlorotoluene	0.0209	0.0020	mg/Kg wet	0.0200		104		70-130	3.71	20		
4-Chlorotoluene	0.0215	0.0020	mg/Kg wet	0.0200		107		70-130	2.45	20		
1,2-Dibromo-3-chloropropane (DBCP)	0.0225	0.0020	mg/Kg wet	0.0200		112		70-130	0.444	20	V-16	
1,2-Dibromoethane (EDB)	0.0212	0.0010	mg/Kg wet	0.0200		106		70-130	0.567	20		
Dibromomethane	0.0209	0.0020	mg/Kg wet	0.0200		105		70-130	3.89	20		
1,2-Dichlorobenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.7		70-130	3.16	20		
1,3-Dichlorobenzene	0.0201	0.0020	mg/Kg wet	0.0200		100		70-130	2.42	20		
1,4-Dichlorobenzene	0.0179	0.0020	mg/Kg wet	0.0200		89.3		70-130	1.47	20		
Dichlorodifluoromethane (Freon 12)	0.00790	0.010	mg/Kg wet	0.0200		**39.5**	*	40-160	0.508	20	L-04, V-20	†
1,1-Dichloroethane	0.0195	0.0020	mg/Kg wet	0.0200		97.5		70-130	2.49	20		
1,2-Dichloroethane	0.0229	0.0020	mg/Kg wet	0.0200		114		70-130	2.57	20	V-20	
1,1-Dichloroethylene	0.0211	0.0040	mg/Kg wet	0.0200		106		70-130	0.855	20		
cis-1,2-Dichloroethylene	0.0189	0.0020	mg/Kg wet	0.0200		94.7		70-130	3.11	20		
trans-1,2-Dichloroethylene	0.0185	0.0020	mg/Kg wet	0.0200		92.3		70-130	1.75	20		
1,2-Dichloropropane	0.0185	0.0020	mg/Kg wet	0.0200		92.4		70-130	2.74	20		
1,3-Dichloropropane	0.0201	0.0010	mg/Kg wet	0.0200		100		70-130	2.73	20		
2,2-Dichloropropane	0.0211	0.0020	mg/Kg wet	0.0200		105		70-130	2.01	20		
1,1-Dichloropropene	0.0202	0.0020	mg/Kg wet	0.0200		101		70-130	3.73	20		
cis-1,3-Dichloropropene	0.0196	0.0010	mg/Kg wet	0.0200		97.8		70-130	1.34	20		
trans-1,3-Dichloropropene	0.0199	0.0040	mg/Kg wet	0.0200		99.4		70-130	1.62	20		
Diethyl Ether	0.0186	0.010	mg/Kg wet	0.0200		93.1		70-130	0.322	20		
Diisopropyl Ether (DIPE)	0.0187	0.0010	mg/Kg wet	0.0200		93.6		70-130	2.27	20		
1,4-Dioxane	0.164	0.10	mg/Kg wet	0.200		81.9		40-160	16.5	20	V-16	†
Ethylbenzene	0.0192	0.0020	mg/Kg wet	0.0200		95.8		70-130	4.37	20		
Hexachlorobutadiene	0.0205	0.0020	mg/Kg wet	0.0200		103		70-130	3.67	20		
2-Hexanone (MBK)	0.181	0.020	mg/Kg wet	0.200		90.6		40-160	1.36	20		†
Isopropylbenzene (Cumene)	0.0202	0.0020	mg/Kg wet	0.0200		101		70-130	2.40	20		
p-Isopropyltoluene (p-Cymene)	0.0204	0.0020	mg/Kg wet	0.0200		102		70-130	2.78	20		
Methyl tert-Butyl Ether (MTBE)	0.0204	0.0040	mg/Kg wet	0.0200		102		70-130	0.196	20		
Methylene Chloride	0.0166	0.010	mg/Kg wet	0.0200		83.2		70-130	2.31	20		
4-Methyl-2-pentanone (MIBK)	0.179	0.020	mg/Kg wet	0.200		89.4		40-160	0.651	20		†
Naphthalene	0.0171	0.0040	mg/Kg wet	0.0200		85.3		70-130	1.65	20		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B057714 - SW-846 5035										
LCS Dup (B057714-BSD1)				Prepared & Analyzed: 08/27/12						
n-Propylbenzene	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130	3.75	20	
Styrene	0.0194	0.0020	mg/Kg wet	0.0200		97.0	70-130	4.10	20	
1,1,1,2-Tetrachloroethane	0.0221	0.0020	mg/Kg wet	0.0200		110	70-130	0.635	20	V-20
1,1,2,2-Tetrachloroethane	0.0183	0.0010	mg/Kg wet	0.0200		91.6	70-130	0.328	20	
Tetrachloroethylene	0.0209	0.0020	mg/Kg wet	0.0200		105	70-130	3.20	20	
Tetrahydrofuran	0.0184	0.010	mg/Kg wet	0.0200		92.0	70-130	19.4	20	V-16
Toluene	0.0192	0.0020	mg/Kg wet	0.0200		95.8	70-130	3.72	20	
1,2,3-Trichlorobenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.3	70-130	1.13	20	
1,2,4-Trichlorobenzene	0.0189	0.0020	mg/Kg wet	0.0200		94.7	70-130	3.11	20	
1,1,1-Trichloroethane	0.0229	0.0020	mg/Kg wet	0.0200		115	70-130	2.92	20	
1,1,2-Trichloroethane	0.0193	0.0020	mg/Kg wet	0.0200		96.4	70-130	6.65	20	
Trichloroethylene	0.0199	0.0020	mg/Kg wet	0.0200		99.3	70-130	2.03	20	
Trichlorofluoromethane (Freon 11)	0.0179	0.010	mg/Kg wet	0.0200		89.5	70-130	1.12	20	
1,2,3-Trichloropropane	0.0191	0.0020	mg/Kg wet	0.0200		95.3	70-130	3.10	20	
1,2,4-Trimethylbenzene	0.0175	0.0020	mg/Kg wet	0.0200		87.6	70-130	3.37	20	
1,3,5-Trimethylbenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.5	70-130	2.57	20	
Vinyl Chloride	0.0145	0.010	mg/Kg wet	0.0200		72.7	70-130	2.51	20	
m+p Xylene	0.0404	0.0040	mg/Kg wet	0.0400		101	70-130	2.81	20	
o-Xylene	0.0211	0.0020	mg/Kg wet	0.0200		105	70-130	4.36	20	
Surrogate: 1,2-Dichloroethane-d4	*0.0545*		mg/Kg wet	0.0500		109	70-130			
Surrogate: Toluene-d8	*0.0499*		mg/Kg wet	0.0500		99.8	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0507*		mg/Kg wet	0.0500		101	70-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
L-14	Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria.
MS-07	Matrix spike recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of sample matrix effects that lead to low bias for reported result or non-homogeneous sample aliquot cannot be eliminated.
RL-05	Elevated reporting limit due to high concentration of target compounds. MA CAM reporting limit not met.
RL-07	Elevated reporting limit based on lowest point in calibration. MA CAM reporting limit not met.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
Acetone	CT,NH,NY,ME
Acetone	CT,NH,NY,ME
Acetone	CT,NH,NY,ME
Benzene	CT,NH,NY,ME
Benzene	CT,NH,NY,ME
Benzene	CT,NH,NY,ME
Bromobenzene	NH,NY,ME
Bromobenzene	NH,NY,ME
Bromobenzene	NH,NY,ME
Bromochloromethane	NH,NY,ME
Bromochloromethane	NH,NY,ME
Bromochloromethane	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	CT,NH,NY,ME
n-Butylbenzene	CT,NH,NY,ME
n-Butylbenzene	CT,NH,NY,ME
sec-Butylbenzene	CT,NH,NY,ME
sec-Butylbenzene	CT,NH,NY,ME
sec-Butylbenzene	CT,NH,NY,ME
tert-Butylbenzene	CT,NH,NY,ME
tert-Butylbenzene	CT,NH,NY,ME
tert-Butylbenzene	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME
4-Chlorotoluene	CT,NH,NY,ME
4-Chlorotoluene	CT,NH,NY,ME
4-Chlorotoluene	CT,NH,NY,ME
Dibromomethane	NH,NY,ME
Dibromomethane	NH,NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NY,ME
Dichlorodifluoromethane (Freon 12)	NY,ME
Dichlorodifluoromethane (Freon 12)	NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	CT,NH,NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
1,3-Dichloropropane	NH,NY,ME
1,3-Dichloropropane	NH,NY,ME
2,2-Dichloropropane	NH,NY,ME
2,2-Dichloropropane	NH,NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Hexachlorobutadiene	NH,NY,ME
Hexachlorobutadiene	NH,NY,ME
Hexachlorobutadiene	NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	CT,NH,NY,ME
p-Isopropyltoluene (p-Cymene)	NH,NY
p-Isopropyltoluene (p-Cymene)	NH,NY
p-Isopropyltoluene (p-Cymene)	NH,NY
Methylene Chloride	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
Naphthalene	NH,NY,ME
Naphthalene	NH,NY,ME
Naphthalene	NH,NY,ME
n-Propylbenzene	NH,NY
n-Propylbenzene	NH,NY
n-Propylbenzene	NH,NY
Styrene	CT,NH,NY,ME
Styrene	CT,NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
1,2,3-Trichlorobenzene	ME
1,2,3-Trichlorobenzene	ME
1,2,4-Trichlorobenzene	NH,NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,4-Trimethylbenzene	CT,NH,NY,ME
1,2,4-Trimethylbenzene	CT,NH,NY,ME
1,2,4-Trimethylbenzene	CT,NH,NY,ME
1,3,5-Trimethylbenzene	CT,NH,NY,ME
1,3,5-Trimethylbenzene	CT,NH,NY,ME
1,3,5-Trimethylbenzene	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME

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The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2013
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

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12H0726

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- ❑ 1419 Richland Street, Columbia, SC 29201
- ❑ 78 Interstate Drive, West Springfield, MA 01089
- ❑ 50 Redfield Street, Suite 100, Boston, MA 02122
- ☒ ~~275 Promenade Street, Suite 350~~ 317 Ironhorse Way #204, Providence, RI 02908
- ❑ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 25903

Turnaround
❑ 1 Day* ❑ 2 Days* ❑ 3 Days* ☒ Standard (____ days) ❑ Other ______ (days)
*Surcharge Applies

PROJECT NAME: Nu-Style
PROJECT LOCATION: Franklin, MA
PROJECT NUMBER: 20050458 F31
LABORATORY: ConTest

REPORT TO: Don LaFrance
INVOICE TO: Dave Foss
P.O. NO.: 1028200050458-F31
Sampler's Signature: [signature] Date: 8/20/12

Source Codes:
MW=Monitoring Well, SW=Surface Water, PW=Potable Water, T=Treatment Facility, S=Soil, B=Sediment, W=Waste, A=Air
X=Other Trip Blank

Analysis Request: VOC-8260

Containers: Soil VOA Vial, [X] methanol; Soil VOA Vial, [X] water; Glass Soil Container (8) oz; Glass Soil Container ( ) oz; Other: [ ] $Na(SO_4)_2$; Water VOA Vial, [ ] As is [ ] HCl; Glass Amber ( ) ml, [ ] As is [ ] H_2SO_4; Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml; Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml; Plastic - HNO_3, 250 ml [ ] Filtered [ ] Unfiltered; Plastic - NaOH, 250 ml

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	VOC-8260	Soil VOA Vial, methanol	Soil VOA Vial, water	Glass Soil Container (8 oz)	Comments
1	✓	✓	✓		1028120820-01	S	8/20/12	1340	✓	1	2	1	
2	↓	↓	↓		02	↓	↓	1350	↓	↓	↓	↓	
3	↓	↓	↓		03	↓	↓	1420	↓	↓	↓	↓	
4	↓	↓	↓		04	↓	↓	1430	↓	↓	↓	↓	
5	↓	↓	↓		05	↓	↓	1500	↓	↓	↓	↓	
6	↓	↓	↓		06	↓	↓	1510	↓	↓	↓	↓	
7	↓	↓	↓		07	↓	↓	1520	↓	↓	↓	↓	
8	↓	↓	↓		08	↓	↓	1530	↓	↓	↓	↓	
9	↓	↓	↓		09	X	↓	1545	↓	1			

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	Fridge	8/20/12	1600
2	Fridge	[signature]	8/22/12	0930
3	[signature]		↓	↓
4	[signature]	[signature]	8/22/12	930

Kerri Millee 3.5C 8/22/12 4:05

Reporting and Detection Limit Requirements: MassDEP Method 1 S-1/GW-2/3 08-22-12 17:15 IN

Additional Comments: Hold remaining volume for possible add'l analysis
Low level VOAs frozen 8/22/12 @ 0800

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Sample Receipt Checklist

CLIENT NAME: Fuss O'Neil / Nu-Style RECEIVED BY: KKM DATE: 8-22-12

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No No CoC Included

2) **Does the chain agree with the samples?** (Yes) No
If not, explain:

3) **Are all the samples in good condition?** (Yes) No
If not, explain:

4) **How were the samples received:**
On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 3.5C

5) **Are there Dissolved samples for the lab to filter?** Yes (No)
Who was notified _____ Date _____ Time _____

6) **Are there any RUSH or SHORT HOLDING TIME samples?** Yes (No)
Who was notified _____ Date _____ Time _____

7) **Location where samples are stored:** 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) **Do all samples have the proper Acid pH:** Yes No (N/A) _____

9) **Do all samples have the proper Base pH:** Yes No (N/A) _____

10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	8
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	25	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 9
Bisulfate _____ # DI Water 16
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:
08-22-12 17:15 IN

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 12H0726
Project Location: Nu-Style, Franklin MA	RTN:

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]

12H0726-01 thru 12H0726-09

Matrices: Soil

CAM Protocol (check all that below)

8260 VOC CAM II A (X)	7470/7471 Hg CAM IIIB ( )	MassDEP VPH CAM IV A ( )	8081 Pesticides CAM V B ( )	7196 Hex Cr CAM VI B ( )	MassDEP APH CAM IX A ( )
8270 SVOC CAM II B ( )	7010 Metals CAM III C ( )	MassDEP EPH CAM IV A ( )	8151 Herbicides CAM V C ( )	8330 Explosives CAM VIII A ( )	TO-15 VOC CAM IX B ( )
6010 Metals CAM III A ( )	6020 Metals CAM III D ( )	8082 PCB CAM V A ( )	9014 Total Cyanide/PAC CAM VI A ( )	6860 Perchlorate CAM VIII B ( )	

Affirmative response to Questions A throughF is required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	☑ Yes	☐ No[1]
B	Were the analytical method(s) and all associated QC requirements specificed in the selected CAM protocol(s) followed?	☑ Yes	☐ No[1]
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	☑ Yes	☐ No[1]
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, Quality Assurance and Quality Control Guidlines for the Acquisition and Reporting of Analytical Data?	☑ Yes	☐ No[1]
E a	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	☐ Yes	☐ No[1]
E b	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	☐ Yes	☐ No[1]
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all No responses to Qestions A through E)?	☑ Yes	☐ No[1]

A response to questions G, H and I below is required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	☐ Yes	☑ No[1]

<u>Data User Note:</u> Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.

H	Were all QC perfomance standards specified in the CAM protocol(s) achieved?	☐ Yes	☑ No[1]
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	☑ Yes	☐ No[1]

[1] *All Negative responses must be addressed in an attached Environmental Laboratory case narrative.*

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

Signature:  Position: Laboratory Manager

Printed Name: Daren J. Damboragian Date: 08/29/12

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September 26, 2012

David Foss
Fuss & O'Neill - Providence
317 Iron Horse Way, Suite 204
Providence, RI 02908

Project Location: Nu-Style, Franklin MA
Client Job Number:
Project Number: 20050458.F31
Laboratory Work Order Number: 12I0588

Enclosed are results of analyses for samples received by the laboratory on September 19, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

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

Fuss & O'Neill - Providence
317 Iron Horse Way, Suite 204
Providence, RI 02908
ATTN: David Foss

REPORT DATE: 9/26/2012

PURCHASE ORDER NUMBER: 102820050458F30

PROJECT NUMBER: 20050458.F31

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12I0588

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

PROJECT LOCATION: Nu-Style, Franklin MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
1028120918-01	12I0588-01	Soil		SM 2540G	
				SW-846 8260C	
1028120918-02	12I0588-02	Soil		SM 2540G	
				SW-846 8260C	
1028120918-03	12I0588-03	Soil		SM 2540G	
				SW-846 8260C	
1028120918-04	12I0588-04	Soil		SM 2540G	
				SW-846 8260C	
1028120918-05	12I0588-05	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
1028120918-06	12I0588-06	Soil		SM 2540G	
				SW-846 8260C	
1028120918-07	12I0588-07	Soil		SM 2540G	
				SW-846 8260C	
1028120918-08	12I0588-08	Soil		SM 2540G	
				SW-846 8260C	
1028120918-09	12I0588-09	Soil		SM 2540G	
				SW-846 8260C	
1028120918-10	12I0588-10	Trip Blank Soil		SW-846 8260C	

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CASE NARRATIVE SUMMARY

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

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SW-846 8260C

Qualifications:

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

Analyte & Samples(s) Qualified:

Bromoform, Carbon Tetrachloride, Chlorodibromomethane

B059204-BS1, B059204-BSD1

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

Analyte & Samples(s) Qualified:

Naphthalene

12I0588-10[1028120918-10], B059204-BLK1, B059204-BS1, B059204-BSD1

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

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dichloroethane, Methylene Chloride, trans-1,3-Dichloropropene

B059204-BS1, B059204-BSD1, B059270-BSD1, B059443-BSD1, B059270-BS1, B059443-BS1

Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria.

Analyte & Samples(s) Qualified:

Bromomethane, Dichlorodifluoromethane (Freon 12)

B059204-BS1, B059204-BSD1, B059443-BS1, B059443-BSD1

Elevated reporting limit based on lowest point in calibration.
MA CAM reporting limit not met.

Analyte & Samples(s) Qualified:

Carbon Disulfide, Methylene Chloride

12I0588-10[1028120918-10]

Surrogate recovery outside of control limits due to suspected sample matrix interference.

Analyte & Samples(s) Qualified:

4-Bromofluorobenzene

12I0588-09RE1[1028120918-09]

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

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,4-Dioxane, Methylene Chloride, Naphthalene, Tetrahydrofuran

12I0588-10[1028120918-10], B059204-BLK1, B059204-BS1, B059204-BSD1, 12I0588-01[1028120918-01], 12I0588-02[1028120918-02], 12I0588-03[1028120918-03], 12I0588-04[1028120918-04], 12I0588-06[1028120918-06], 12I0588-07[1028120918-07], 12I0588-08[1028120918-08], 12I0588-09[1028120918-09], B059270-BLK1, B059270-BS1, B059270-BSD1, 12I0588-03RE1[1028120918-03], 12I0588-08RE1[1028120918-08], 12I0588-09RE1[1028120918-09], B059443-BLK1, B059443-BS1, B059443-BSD1

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

Analyte & Samples(s) Qualified:

1,2-Dibromo-3-chloropropane (DBCP), 1,4-Dioxane, Acetone, Tetrahydrofuran

12I0588-01[1028120918-01], 12I0588-02[1028120918-02], 12I0588-03[1028120918-03], 12I0588-03RE1[1028120918-03], 12I0588-04[1028120918-04], 12I0588-06[1028120918-06], 12I0588-07[1028120918-07], 12I0588-08[1028120918-08], 12I0588-08RE1[1028120918-08], 12I0588-09[1028120918-09], 12I0588-09RE1[1028120918-09], B059270-BLK1, B059270-BS1, B059270-BSD1, B059443-BLK1, B059443-BS1, B059443-BSD1, 12I0588-10[1028120918-10], B059204-BLK1, B059204-BS1, B059204-BSD1

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

Analyte & Samples(s) Qualified:

1,1,1,2-Tetrachloroethane, 1,1,2,2-Tetrachloroethane, 1,2,3-Trichlorobenzene, 1,2,3-Trichloropropane, 1,2,4-Trichlorobenzene, 1,2,4-Trimethylbenzene, 1,2-Dibromo-3-chloropropane (DBCP), 1,2-Dichlorobenzene, 1,3,5-Trimethylbenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,4-Dichlorobenzene-d4, 2-Chlorotoluene, 4-Chlorotoluene, Bromobenzene, Bromoform, Chlorobenzene, Chlorobenzene-d5, Ethylbenzene, Hexachlorobutadiene, Isopropylbenzene (Cumene), m+p Xylene, Naphthalene, n-Butylbenzene, n-Propylbenzene, o-Xylene, p-Isopropyltoluene (p-Cymene), sec-Butylbenzene, Styrene, tert-Butylbenzene

12I0588-03RE1[1028120918-03], 12I0588-09[1028120918-09], 12I0588-09RE1[1028120918-09], 12I0588-03[1028120918-03], 12I0588-08[1028120918-08], 12I0588-08RE1[1028120918-08]

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

Analyte & Samples(s) Qualified:

1,1,1-Trichloroethane, 1,2-Dichloroethane, 1,4-Dioxane, Acetone, Bromodichloromethane, Bromoform, Bromomethane, Carbon Tetrachloride, Chlorodibromomethane, Methylene Chloride, trans-1,3-Dichloropropene

B059204-BS1, B059204-BSD1, B059443-BS1, B059443-BSD1, B059270-BS1, B059270-BSD1

SW-846 8260C

Laboratory control sample recoveries for required MCP Data Enhancement 8260 compounds were all within limits specified by the method except for “difficult analytes” where recovery control limits of 40-160% are used and/or unless otherwise listed in this narrative. Difficult analytes: MIBK, MEK, acetone, 1,4-dioxane, chloromethane, dichlorodifluoromethane, 2-hexanone, and bromomethane.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-01 | Sampled: 9/18/2012 08:35

Sample ID: 12I0588-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260C	9/20/12	9/20/12 9:38	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
Benzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
Bromobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
Bromochloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
Bromodichloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
Bromoform	ND	0.0044	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
2-Butanone (MEK)	ND	0.044	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
n-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
sec-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
tert-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
Carbon Disulfide	ND	0.0066	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
Carbon Tetrachloride	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
Chlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
Chloroethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
Chloroform	ND	0.0044	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
2-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
4-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	mg/Kg dry	1	V-16	SW-846 8260C	9/20/12	9/20/12 9:38	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
Dibromomethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
1,2-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
1,3-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
1,4-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
1,1-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
1,2-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
1,1-Dichloroethylene	ND	0.0044	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
cis-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
trans-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
1,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
2,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
1,1-Dichloropropene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
trans-1,3-Dichloropropene	ND	0.0044	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
Diethyl Ether	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
Diisopropyl Ether (DIPE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
1,4-Dioxane	ND	0.11	mg/Kg dry	1	V-05, V-16	SW-846 8260C	9/20/12	9/20/12 9:38	MFF
Ethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-01 | Sampled: 9/18/2012 08:35

Sample ID: 12I0588-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
2-Hexanone (MBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
Isopropylbenzene (Cumene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0044	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
Methylene Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
Naphthalene	ND	0.0044	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
n-Propylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
Styrene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
Tetrachloroethylene	0.029	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1	V-16	SW-846 8260C	9/20/12	9/20/12 9:38	MFF
Toluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
1,2,3-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
1,2,4-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
1,1,1-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
1,1,2-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
Trichloroethylene	0.033	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
1,2,3-Trichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
1,2,4-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
1,3,5-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
m+p Xylene	ND	0.0044	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF
o-Xylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 9:38	MFF

Surrogates	% Recovery	Recovery Limits	Flag		
1,2-Dichloroethane-d4	110	70-130		9/20/12	9:38
Toluene-d8	99.0	70-130		9/20/12	9:38
4-Bromofluorobenzene	94.2	70-130		9/20/12	9:38

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-01 | Sampled: 9/18/2012 08:35

Sample ID: 12I0588-01

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.8		% Wt	1		SM 2540G	9/23/12	9/24/12 10:58	RH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-02 | Sampled: 9/18/2012 10:05

Sample ID: 12I0588-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260C	9/20/12	9/20/12 10:04	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
Benzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
Bromobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
Bromochloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
Bromodichloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
Bromoform	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
2-Butanone (MEK)	ND	0.043	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
n-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
sec-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
tert-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
Carbon Disulfide	ND	0.0065	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
Carbon Tetrachloride	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
Chlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
Chloroethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
Chloroform	ND	0.0043	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
2-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
4-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	mg/Kg dry	1	V-16	SW-846 8260C	9/20/12	9/20/12 10:04	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
Dibromomethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
1,2-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
1,3-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
1,4-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
1,1-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
1,2-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
1,1-Dichloroethylene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
cis-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
trans-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
1,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
2,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
1,1-Dichloropropene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
trans-1,3-Dichloropropene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
Diethyl Ether	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
Diisopropyl Ether (DIPE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
1,4-Dioxane	ND	0.11	mg/Kg dry	1	V-05, V-16	SW-846 8260C	9/20/12	9/20/12 10:04	MFF
Ethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-02 | Sampled: 9/18/2012 10:05

Sample ID: 12I0588-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
2-Hexanone (MBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
Isopropylbenzene (Cumene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0043	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
Methylene Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
Naphthalene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
n-Propylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
Styrene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
Tetrachloroethylene	23	0.89	mg/Kg dry	20		SW-846 8260C	9/21/12	9/22/12 23:00	LBD
Tetrahydrofuran	ND	0.011	mg/Kg dry	1	V-16	SW-846 8260C	9/20/12	9/20/12 10:04	MFF
Toluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
1,2,3-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
1,2,4-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
1,1,1-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
1,1,2-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
Trichloroethylene	17	0.89	mg/Kg dry	20		SW-846 8260C	9/21/12	9/22/12 23:00	LBD
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
1,2,3-Trichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
1,2,4-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
1,3,5-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
m+p Xylene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF
o-Xylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:04	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	111	70-130		9/20/12 10:04
1,2-Dichloroethane-d4	104	70-130		9/22/12 23:00
Toluene-d8	96.6	70-130		9/20/12 10:04
Toluene-d8	101	70-130		9/22/12 23:00
4-Bromofluorobenzene	85.0	70-130		9/20/12 10:04
4-Bromofluorobenzene	95.8	70-130		9/22/12 23:00

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

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-02 | Sampled: 9/18/2012 10:05

Sample ID: 12I0588-02

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.8		% Wt	1		SM 2540G	9/23/12	9/24/12 10:58	RH

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

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-03 | Sampled: 9/18/2012 10:10

Sample ID: 12I0588-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260C	9/20/12	9/20/12 10:30	MFF
Acetone	ND	0.12	mg/Kg dry	1	V-16	SW-846 8260C	9/21/12	9/21/12 11:18	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Benzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
Benzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Bromobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
Bromobenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Bromochloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
Bromochloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Bromodichloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
Bromodichloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Bromoform	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
Bromoform	ND	0.0047	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
2-Butanone (MEK)	ND	0.043	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
2-Butanone (MEK)	ND	0.047	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
n-Butylbenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 10:30	MFF
n-Butylbenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:18	MFF
sec-Butylbenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 10:30	MFF
sec-Butylbenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:18	MFF
tert-Butylbenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 10:30	MFF
tert-Butylbenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:18	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Carbon Disulfide	ND	0.0064	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
Carbon Disulfide	ND	0.0070	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Carbon Tetrachloride	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
Carbon Tetrachloride	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Chlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
Chlorobenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
Chlorodibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Chloroethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
Chloroethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Chloroform	ND	0.0043	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
Chloroform	ND	0.0047	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
Chloromethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
2-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
2-Chlorotoluene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:18	MFF
4-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
4-Chlorotoluene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:18	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-03 | Sampled: 9/18/2012 10:10

Sample ID: 12I0588-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	mg/Kg dry	1	V-16, V-17	SW-846 8260C	9/20/12	9/20/12 10:30	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	mg/Kg dry	1	V-16, V-17	SW-846 8260C	9/21/12	9/21/12 11:18	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Dibromomethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Dibromomethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
1,2-Dichlorobenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 10:30	MFF
1,2-Dichlorobenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:18	MFF
1,3-Dichlorobenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 10:30	MFF
1,3-Dichlorobenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:18	MFF
1,4-Dichlorobenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 10:30	MFF
1,4-Dichlorobenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.012	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
1,1-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
1,1-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
1,2-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
1,2-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
1,1-Dichloroethylene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
1,1-Dichloroethylene	ND	0.0047	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
cis-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
cis-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
trans-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
trans-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
1,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
1,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
2,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
2,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
1,1-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
1,1-Dichloropropene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
trans-1,3-Dichloropropene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
trans-1,3-Dichloropropene	ND	0.0047	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Diethyl Ether	ND	0.012	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Diethyl Ether	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
Diisopropyl Ether (DIPE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
Diisopropyl Ether (DIPE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
1,4-Dioxane	ND	0.11	mg/Kg dry	1	V-05, V-16	SW-846 8260C	9/20/12	9/20/12 10:30	MFF
1,4-Dioxane	ND	0.12	mg/Kg dry	1	V-16	SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Ethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
Ethylbenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:18	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-03 | Sampled: 9/18/2012 10:10

Sample ID: 12I0588-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 10:30	MFF
Hexachlorobutadiene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:18	MFF
2-Hexanone (MBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
2-Hexanone (MBK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Isopropylbenzene (Cumene)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
Isopropylbenzene (Cumene)	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:18	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 10:30	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0043	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0047	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Methylene Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
Methylene Chloride	ND	0.012	mg/Kg dry	1	V-05	SW-846 8260C	9/21/12	9/21/12 11:18	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Naphthalene	ND	0.0043	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 10:30	MFF
Naphthalene	ND	0.0047	mg/Kg dry	1	V-05, V-17	SW-846 8260C	9/21/12	9/21/12 11:18	MFF
n-Propylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
n-Propylbenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Styrene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
Styrene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:18	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:18	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Tetrachloroethylene	0.11	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
Tetrachloroethylene	0.12	0.0023	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1	V-16	SW-846 8260C	9/20/12	9/20/12 10:30	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1	V-05, V-16	SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Toluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
Toluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
1,2,3-Trichlorobenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 10:30	MFF
1,2,3-Trichlorobenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:18	MFF
1,2,4-Trichlorobenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 10:30	MFF
1,2,4-Trichlorobenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:18	MFF
1,1,1-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
1,1,1-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
1,1,2-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
1,1,2-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Trichloroethylene	0.087	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
Trichloroethylene	0.11	0.0023	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
1,2,3-Trichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
1,2,3-Trichloropropane	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:18	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-03 | Sampled: 9/18/2012 10:10

Sample ID: 12I0588-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
1,2,4-Trimethylbenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 10:30	MFF
1,2,4-Trimethylbenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:18	MFF
1,3,5-Trimethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
1,3,5-Trimethylbenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:18	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:18	MFF
m+p Xylene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
m+p Xylene	ND	0.0047	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:18	MFF
o-Xylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 10:30	MFF
o-Xylene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:18	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	105	70-130		9/20/12 10:30
1,2-Dichloroethane-d4	103	70-130		9/21/12 11:18
Toluene-d8	91.0	70-130		9/20/12 10:30
Toluene-d8	89.8	70-130		9/21/12 11:18
4-Bromofluorobenzene	73.4	70-130		9/20/12 10:30
4-Bromofluorobenzene	72.8	70-130		9/21/12 11:18

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

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-03 | Sampled: 9/18/2012 10:10

Sample ID: 12I0588-03

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.3		% Wt	1		SM 2540G	9/23/12	9/24/12 10:58	RH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-04 | Sampled: 9/18/2012 10:20

Sample ID: 12I0588-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.088	mg/Kg dry	1	V-16	SW-846 8260C	9/20/12	9/20/12 13:07	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00088	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
Benzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
Bromobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
Bromochloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
Bromodichloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
Bromoform	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
Bromomethane	ND	0.0088	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
2-Butanone (MEK)	ND	0.035	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
n-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
sec-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
tert-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00088	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
Carbon Disulfide	ND	0.0053	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
Carbon Tetrachloride	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
Chlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
Chlorodibromomethane	ND	0.00088	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
Chloroethane	ND	0.0088	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
Chloroform	ND	0.0035	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
Chloromethane	ND	0.0088	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
2-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
4-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0018	mg/Kg dry	1	V-16	SW-846 8260C	9/20/12	9/20/12 13:07	MFF
1,2-Dibromoethane (EDB)	ND	0.00088	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
Dibromomethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
1,2-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
1,3-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
1,4-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0088	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
1,1-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
1,2-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
1,1-Dichloroethylene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
cis-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
trans-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
1,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
1,3-Dichloropropane	ND	0.00088	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
2,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
1,1-Dichloropropene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
cis-1,3-Dichloropropene	ND	0.00088	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
trans-1,3-Dichloropropene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
Diethyl Ether	ND	0.0088	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
Diisopropyl Ether (DIPE)	ND	0.00088	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
1,4-Dioxane	ND	0.088	mg/Kg dry	1	V-05, V-16	SW-846 8260C	9/20/12	9/20/12 13:07	MFF
Ethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-04 | Sampled: 9/18/2012 10:20

Sample ID: 12I0588-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
2-Hexanone (MBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
Isopropylbenzene (Cumene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0035	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
Methylene Chloride	ND	0.0088	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
Naphthalene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
n-Propylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
Styrene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
1,1,1,2-Tetrachloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
1,1,2,2-Tetrachloroethane	ND	0.00088	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
Tetrachloroethylene	0.0068	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
Tetrahydrofuran	ND	0.0088	mg/Kg dry	1	V-16	SW-846 8260C	9/20/12	9/20/12 13:07	MFF
Toluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
1,2,3-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
1,2,4-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
1,1,1-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
1,1,2-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
Trichloroethylene	0.0023	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0088	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
1,2,3-Trichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
1,2,4-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
1,3,5-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
Vinyl Chloride	ND	0.0088	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
m+p Xylene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF
o-Xylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:07	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	110	70-130		9/20/12 13:07
Toluene-d8	100	70-130		9/20/12 13:07
4-Bromofluorobenzene	102	70-130		9/20/12 13:07

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

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-04 | Sampled: 9/18/2012 10:20

Sample ID: 12I0588-04

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	96.0		% Wt	1		SM 2540G	9/23/12	9/24/12 10:58	RH

con-test® ANALYTICAL LABORATORY
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Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-05 | Sampled: 9/18/2012 12:15

Sample ID: 12I0588-05

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	2.6	mg/Kg dry	1		SW-846 6010C	9/20/12	9/21/12 17:52	OP
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C	9/20/12	9/21/12 17:52	OP
Barium	31	2.6	mg/Kg dry	1		SW-846 6010C	9/20/12	9/21/12 17:52	OP
Beryllium	ND	0.26	mg/Kg dry	1		SW-846 6010C	9/20/12	9/21/12 17:52	OP
Cadmium	ND	0.26	mg/Kg dry	1		SW-846 6010C	9/20/12	9/21/12 17:52	OP
Chromium	7.3	0.52	mg/Kg dry	1		SW-846 6010C	9/20/12	9/21/12 17:52	OP
Lead	42	0.78	mg/Kg dry	1		SW-846 6010C	9/20/12	9/21/12 17:52	OP
Mercury	ND	0.026	mg/Kg dry	1		SW-846 7471B	9/20/12	9/20/12 13:20	SAJ
Nickel	5.7	0.52	mg/Kg dry	1		SW-846 6010C	9/20/12	9/21/12 17:52	OP
Selenium	ND	5.2	mg/Kg dry	1		SW-846 6010C	9/20/12	9/21/12 17:52	OP
Silver	ND	0.52	mg/Kg dry	1		SW-846 6010C	9/20/12	9/21/12 17:52	OP
Thallium	ND	2.6	mg/Kg dry	1		SW-846 6010C	9/20/12	9/21/12 17:52	OP
Vanadium	18	1.0	mg/Kg dry	1		SW-846 6010C	9/20/12	9/21/12 17:52	OP
Zinc	33	1.0	mg/Kg dry	1		SW-846 6010C	9/20/12	9/21/12 17:52	OP

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Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-05 | Sampled: 9/18/2012 12:15

Sample ID: 12I0588-05

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.8		% Wt	1		SM 2540G	9/23/12	9/24/12 10:58	RH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-06 | Sampled: 9/18/2012 13:47

Sample ID: 12I0588-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	mg/Kg dry	1	V-16	SW-846 8260C	9/20/12	9/20/12 13:33	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
Benzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
Bromobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
Bromochloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
Bromodichloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
Bromoform	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
2-Butanone (MEK)	ND	0.048	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
n-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
sec-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
tert-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
Carbon Disulfide	ND	0.0072	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
Carbon Tetrachloride	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
Chlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
Chlorodibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
Chloroethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
Chloroform	ND	0.0048	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
Chloromethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
2-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
4-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	mg/Kg dry	1	V-16	SW-846 8260C	9/20/12	9/20/12 13:33	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
Dibromomethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
1,2-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
1,3-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
1,4-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.012	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
1,1-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
1,2-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
1,1-Dichloroethylene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
cis-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
trans-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
1,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
2,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
1,1-Dichloropropene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
trans-1,3-Dichloropropene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
Diethyl Ether	ND	0.012	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
Diisopropyl Ether (DIPE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
1,4-Dioxane	ND	0.12	mg/Kg dry	1	V-05, V-16	SW-846 8260C	9/20/12	9/20/12 13:33	MFF
Ethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF

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

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-06 | Sampled: 9/18/2012 13:47

Sample ID: 12I0588-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
2-Hexanone (MBK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
Isopropylbenzene (Cumene)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0048	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
Methylene Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
Naphthalene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
n-Propylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
Styrene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
Tetrachloroethylene	0.034	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1	V-16	SW-846 8260C	9/20/12	9/20/12 13:33	MFF
Toluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
1,2,3-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
1,2,4-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
1,1,1-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
1,1,2-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
Trichloroethylene	0.011	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
1,2,3-Trichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
1,2,4-Trimethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
1,3,5-Trimethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
m+p Xylene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF
o-Xylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:33	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	111	70-130		9/20/12 13:33
Toluene-d8	99.7	70-130		9/20/12 13:33
4-Bromofluorobenzene	100	70-130		9/20/12 13:33

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-06 | Sampled: 9/18/2012 13:47

Sample ID: 12I0588-06

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.0		% Wt	1		SM 2540G	9/23/12	9/24/12 10:58	RH

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

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-07 | Sampled: 9/18/2012 13:55

Sample ID: 12I0588-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260C	9/20/12	9/20/12 13:59	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
Benzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
Bromobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
Bromochloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
Bromodichloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
Bromoform	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
2-Butanone (MEK)	ND	0.042	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
n-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
sec-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
tert-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
Carbon Disulfide	ND	0.0063	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
Carbon Tetrachloride	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
Chlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
Chloroethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
Chloroform	ND	0.0042	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
2-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
4-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	mg/Kg dry	1	V-16	SW-846 8260C	9/20/12	9/20/12 13:59	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
Dibromomethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
1,2-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
1,3-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
1,4-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
1,1-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
1,2-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
1,1-Dichloroethylene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
cis-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
trans-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
1,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
2,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
1,1-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
trans-1,3-Dichloropropene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
Diethyl Ether	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
Diisopropyl Ether (DIPE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
1,4-Dioxane	ND	0.11	mg/Kg dry	1	V-05, V-16	SW-846 8260C	9/20/12	9/20/12 13:59	MFF
Ethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF

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

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-07 | Sampled: 9/18/2012 13:55

Sample ID: 12I0588-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
2-Hexanone (MBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
Isopropylbenzene (Cumene)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0042	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
Methylene Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
Naphthalene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
n-Propylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
Styrene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
Tetrachloroethylene	0.0023	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1	V-16	SW-846 8260C	9/20/12	9/20/12 13:59	MFF
Toluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
1,2,3-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
1,2,4-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
1,1,1-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
1,1,2-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
Trichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
1,2,3-Trichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
1,2,4-Trimethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
1,3,5-Trimethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
m+p Xylene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF
o-Xylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 13:59	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	112	70-130		9/20/12 13:59
Toluene-d8	100	70-130		9/20/12 13:59
4-Bromofluorobenzene	101	70-130		9/20/12 13:59

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

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-07 | Sampled: 9/18/2012 13:55

Sample ID: 12I0588-07

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.7		% Wt	1		SM 2540G	9/23/12	9/24/12 10:58	RH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-08 | Sampled: 9/18/2012 14:00

Sample ID: 12I0588-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	mg/Kg dry	1	V-16	SW-846 8260C	9/20/12	9/20/12 14:25	MFF
Acetone	ND	0.099	mg/Kg dry	1	V-16	SW-846 8260C	9/21/12	9/21/12 12:11	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00099	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
Benzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
Benzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
Bromobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
Bromobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
Bromochloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
Bromochloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
Bromodichloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
Bromodichloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
Bromoform	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
Bromoform	ND	0.0040	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
Bromomethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
Bromomethane	ND	0.0099	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
2-Butanone (MEK)	ND	0.042	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
2-Butanone (MEK)	ND	0.040	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
n-Butylbenzene	ND	0.0020	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 12:11	MFF
n-Butylbenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:25	MFF
sec-Butylbenzene	ND	0.0020	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 12:11	MFF
sec-Butylbenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:25	MFF
tert-Butylbenzene	ND	0.0020	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 12:11	MFF
tert-Butylbenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:25	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00099	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
Carbon Disulfide	ND	0.0062	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
Carbon Disulfide	ND	0.0059	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
Carbon Tetrachloride	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
Carbon Tetrachloride	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
Chlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
Chlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
Chlorodibromomethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
Chlorodibromomethane	ND	0.00099	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
Chloroethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
Chloroethane	ND	0.0099	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
Chloroform	ND	0.0042	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
Chloroform	ND	0.0040	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
Chloromethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
Chloromethane	ND	0.0099	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
2-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
4-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-08 | Sampled: 9/18/2012 14:00

Sample ID: 12I0588-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	mg/Kg dry	1	V-16, V-17	SW-846 8260C	9/20/12	9/20/12 14:25	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg dry	1	V-16, V-17	SW-846 8260C	9/21/12	9/21/12 12:11	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
1,2-Dibromoethane (EDB)	ND	0.00099	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
Dibromomethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
Dibromomethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
1,2-Dichlorobenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:25	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 12:11	MFF
1,3-Dichlorobenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:25	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 12:11	MFF
1,4-Dichlorobenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:25	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 12:11	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.010	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0099	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
1,1-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
1,2-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
1,1-Dichloroethylene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
1,1-Dichloroethylene	ND	0.0040	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
cis-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
trans-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
1,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
1,3-Dichloropropane	ND	0.00099	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
2,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
1,1-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
cis-1,3-Dichloropropene	ND	0.00099	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
trans-1,3-Dichloropropene	ND	0.0040	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
trans-1,3-Dichloropropene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
Diethyl Ether	ND	0.010	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
Diethyl Ether	ND	0.0099	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
Diisopropyl Ether (DIPE)	ND	0.00099	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
1,4-Dioxane	ND	0.10	mg/Kg dry	1	V-05, V-16	SW-846 8260C	9/20/12	9/20/12 14:25	MFF
1,4-Dioxane	ND	0.099	mg/Kg dry	1	V-16	SW-846 8260C	9/21/12	9/21/12 12:11	MFF
Ethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
Ethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-08 | Sampled: 9/18/2012 14:00

Sample ID: 12I0588-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:25	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 12:11	MFF
2-Hexanone (MBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
2-Hexanone (MBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
Isopropylbenzene (Cumene)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 12:11	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:25	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0042	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
Methylene Chloride	ND	0.0099	mg/Kg dry	1	V-05	SW-846 8260C	9/21/12	9/21/12 12:11	MFF
Methylene Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
Naphthalene	ND	0.0040	mg/Kg dry	1	V-05, V-17	SW-846 8260C	9/21/12	9/21/12 12:11	MFF
Naphthalene	ND	0.0042	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:25	MFF
n-Propylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
n-Propylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
Styrene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
Styrene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
1,1,2,2-Tetrachloroethane	ND	0.00099	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
Tetrachloroethylene	53	1.0	mg/Kg dry	20		SW-846 8260C	9/21/12	9/22/12 22:29	LBD
Tetrahydrofuran	ND	0.0099	mg/Kg dry	1	V-05, V-16	SW-846 8260C	9/21/12	9/21/12 12:11	MFF
Tetrahydrofuran	ND	0.010	mg/Kg dry	1	V-16	SW-846 8260C	9/20/12	9/20/12 14:25	MFF
Toluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
Toluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
1,2,3-Trichlorobenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:25	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 12:11	MFF
1,2,4-Trichlorobenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:25	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 12:11	MFF
1,1,1-Trichloroethane	0.0025	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
1,1,1-Trichloroethane	0.0038	0.0020	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
1,1,2-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
Trichloroethylene	21	1.0	mg/Kg dry	20		SW-846 8260C	9/21/12	9/22/12 22:29	LBD
Trichlorofluoromethane (Freon 11)	ND	0.0099	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
1,2,3-Trichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
1,2,4-Trimethylbenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:25	MFF
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 12:11	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-08 | Sampled: 9/18/2012 14:00

Sample ID: 12I0588-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
1,3,5-Trimethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
Vinyl Chloride	ND	0.0099	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
Vinyl Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
m+p Xylene	ND	0.0040	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
m+p Xylene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF
o-Xylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 12:11	MFF
o-Xylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:25	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	99.9	70-130		9/22/12 22:29
1,2-Dichloroethane-d4	113	70-130		9/21/12 12:11
1,2-Dichloroethane-d4	108	70-130		9/20/12 14:25
Toluene-d8	94.0	70-130		9/21/12 12:11
Toluene-d8	100	70-130		9/22/12 22:29
Toluene-d8	94.6	70-130		9/20/12 14:25
4-Bromofluorobenzene	98.8	70-130		9/22/12 22:29
4-Bromofluorobenzene	81.7	70-130		9/20/12 14:25
4-Bromofluorobenzene	79.4	70-130		9/21/12 12:11

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Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-08 | Sampled: 9/18/2012 14:00

Sample ID: 12I0588-08

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.5		% Wt	1		SM 2540G	9/23/12	9/24/12 10:58	RH

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Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-09 | Sampled: 9/18/2012 14:10

Sample ID: 12I0588-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Acetone	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260C	9/21/12	9/21/12 11:44	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
Benzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Benzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
Bromobenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Bromobenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:44	MFF
Bromochloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Bromochloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
Bromodichloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Bromodichloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
Bromoform	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Bromoform	ND	0.0042	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:44	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
2-Butanone (MEK)	ND	0.046	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
2-Butanone (MEK)	ND	0.042	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
n-Butylbenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
n-Butylbenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:44	MFF
sec-Butylbenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
sec-Butylbenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:44	MFF
tert-Butylbenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
tert-Butylbenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:44	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
Carbon Disulfide	ND	0.0068	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Carbon Disulfide	ND	0.0063	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
Carbon Tetrachloride	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Carbon Tetrachloride	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
Chlorobenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Chlorobenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:44	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
Chloroethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Chloroethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
Chloroform	ND	0.0046	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Chloroform	ND	0.0042	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
2-Chlorotoluene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
2-Chlorotoluene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:44	MFF
4-Chlorotoluene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
4-Chlorotoluene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:44	MFF

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

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-09 | Sampled: 9/18/2012 14:10

Sample ID: 12I0588-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	mg/Kg dry	1	V-16, V-17	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	mg/Kg dry	1	V-16, V-17	SW-846 8260C	9/21/12	9/21/12 11:44	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
Dibromomethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Dibromomethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
1,2-Dichlorobenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
1,2-Dichlorobenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:44	MFF
1,3-Dichlorobenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
1,3-Dichlorobenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:44	MFF
1,4-Dichlorobenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
1,4-Dichlorobenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:44	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
1,1-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
1,1-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
1,2-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
1,2-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
1,1-Dichloroethylene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
1,1-Dichloroethylene	ND	0.0046	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
cis-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
cis-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
trans-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
trans-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
1,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
1,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
2,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
2,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
1,1-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
1,1-Dichloropropene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
trans-1,3-Dichloropropene	ND	0.0046	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
trans-1,3-Dichloropropene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
Diethyl Ether	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Diethyl Ether	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
Diisopropyl Ether (DIPE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Diisopropyl Ether (DIPE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
1,4-Dioxane	ND	0.11	mg/Kg dry	1	V-05, V-16	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
1,4-Dioxane	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260C	9/21/12	9/21/12 11:44	MFF
Ethylbenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Ethylbenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:44	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-09 | Sampled: 9/18/2012 14:10

Sample ID: 12I0588-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:44	MFF
2-Hexanone (MBK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
2-Hexanone (MBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
Isopropylbenzene (Cumene)	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Isopropylbenzene (Cumene)	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:44	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:44	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0046	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0042	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
Methylene Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Methylene Chloride	ND	0.011	mg/Kg dry	1	V-05	SW-846 8260C	9/21/12	9/21/12 11:44	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
Naphthalene	ND	0.0046	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Naphthalene	ND	0.0042	mg/Kg dry	1	V-05, V-17	SW-846 8260C	9/21/12	9/21/12 11:44	MFF
n-Propylbenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
n-Propylbenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:44	MFF
Styrene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Styrene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:44	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:44	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:44	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Tetrachloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Tetrachloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1	V-16	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1	V-16, V-05	SW-846 8260C	9/21/12	9/21/12 11:44	MFF
Toluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Toluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
1,2,3-Trichlorobenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:44	MFF
1,2,3-Trichlorobenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
1,2,4-Trichlorobenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
1,2,4-Trichlorobenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:44	MFF
1,1,1-Trichloroethane	0.012	0.0021	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
1,1,1-Trichloroethane	0.0057	0.0023	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
1,1,2-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
1,1,2-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Trichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Trichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
1,2,3-Trichloropropane	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
1,2,3-Trichloropropane	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:44	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-09 | Sampled: 9/18/2012 14:10

Sample ID: 12I0588-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
1,2,4-Trimethylbenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
1,2,4-Trimethylbenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:44	MFF
1,3,5-Trimethylbenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
1,3,5-Trimethylbenzene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:44	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/20/12	9/20/12 14:51	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/21/12	9/21/12 11:44	MFF
m+p Xylene	ND	0.0042	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:44	MFF
m+p Xylene	ND	0.0046	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
o-Xylene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	9/20/12	9/20/12 14:51	MFF
o-Xylene	ND	0.0021	mg/Kg dry	1	V-17	SW-846 8260C	9/21/12	9/21/12 11:44	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	100	70-130		9/20/12 14:51
1,2-Dichloroethane-d4	93.9	70-130		9/21/12 11:44
Toluene-d8	86.6	70-130		9/20/12 14:51
Toluene-d8	86.2	70-130		9/21/12 11:44
4-Bromofluorobenzene	70.3	70-130		9/20/12 14:51
4-Bromofluorobenzene	**67.1** *	70-130	S-03	9/21/12 11:44

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

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-09 | Sampled: 9/18/2012 14:10

Sample ID: 12I0588-09

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.5		% Wt	1		SM 2540G	9/23/12	9/24/12 10:58	RH

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

Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-10 | Sampled: 9/18/2012 14:30

Sample ID: 12I0588-10

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	2.5	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.025	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
Benzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
Bromobenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
Bromochloromethane	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
Bromodichloromethane	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
Bromoform	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
Bromomethane	ND	0.10	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
2-Butanone (MEK)	ND	1.0	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
n-Butylbenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
sec-Butylbenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
tert-Butylbenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.025	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
Carbon Disulfide	ND	0.50	mg/Kg wet	1	RL-07	SW-846 8260C	9/20/12	9/21/12 10:00	EEH
Carbon Tetrachloride	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
Chlorobenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
Chlorodibromomethane	ND	0.025	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
Chloroethane	ND	0.10	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
Chloroform	ND	0.10	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
Chloromethane	ND	0.10	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
2-Chlorotoluene	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
4-Chlorotoluene	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.20	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
1,2-Dibromoethane (EDB)	ND	0.025	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
Dibromomethane	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
1,2-Dichlorobenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
1,3-Dichlorobenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
1,4-Dichlorobenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
1,1-Dichloroethane	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
1,2-Dichloroethane	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
1,1-Dichloroethylene	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
trans-1,2-Dichloroethylene	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
1,2-Dichloropropane	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
1,3-Dichloropropane	ND	0.025	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
2,2-Dichloropropane	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
1,1-Dichloropropene	ND	0.10	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
cis-1,3-Dichloropropene	ND	0.025	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
trans-1,3-Dichloropropene	ND	0.025	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
Diethyl Ether	ND	0.10	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
Diisopropyl Ether (DIPE)	ND	0.025	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
1,4-Dioxane	ND	2.5	mg/Kg wet	1	V-16	SW-846 8260C	9/20/12	9/21/12 10:00	EEH
Ethylbenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH

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Project Location: Nu-Style, Franklin MA | Sample Description: | Work Order: 12I0588

Date Received: 9/19/2012

Field Sample #: 1028120918-10 | Sampled: 9/18/2012 14:30

Sample ID: 12I0588-10

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
2-Hexanone (MBK)	ND	0.50	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
Isopropylbenzene (Cumene)	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
p-Isopropyltoluene (p-Cymene)	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
Methylene Chloride	ND	0.25	mg/Kg wet	1	RL-07	SW-846 8260C	9/20/12	9/21/12 10:00	EEH
4-Methyl-2-pentanone (MIBK)	ND	0.50	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
Naphthalene	ND	0.10	mg/Kg wet	1	L-04, V-05	SW-846 8260C	9/20/12	9/21/12 10:00	EEH
n-Propylbenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
Styrene	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
1,1,1,2-Tetrachloroethane	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
Tetrachloroethylene	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
Tetrahydrofuran	ND	0.20	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
Toluene	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
1,2,3-Trichlorobenzene	ND	0.20	mg/Kg wet	1	V-05	SW-846 8260C	9/20/12	9/21/12 10:00	EEH
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg wet	1	V-05	SW-846 8260C	9/20/12	9/21/12 10:00	EEH
1,1,1-Trichloroethane	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
1,1,2-Trichloroethane	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
Trichloroethylene	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
1,2,4-Trimethylbenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
1,3,5-Trimethylbenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
Vinyl Chloride	ND	0.10	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
m+p Xylene	ND	0.10	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH
o-Xylene	ND	0.050	mg/Kg wet	1		SW-846 8260C	9/20/12	9/21/12 10:00	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	101	70-130		9/21/12 10:00
Toluene-d8	104	70-130		9/21/12 10:00
4-Bromofluorobenzene	99.6	70-130		9/21/12 10:00

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12I0588-01 [1028120918-01]	B059374	09/23/12
12I0588-02 [1028120918-02]	B059374	09/23/12
12I0588-03 [1028120918-03]	B059374	09/23/12
12I0588-04 [1028120918-04]	B059374	09/23/12
12I0588-05 [1028120918-05]	B059374	09/23/12
12I0588-06 [1028120918-06]	B059374	09/23/12
12I0588-07 [1028120918-07]	B059374	09/23/12
12I0588-08 [1028120918-08]	B059374	09/23/12
12I0588-09 [1028120918-09]	B059374	09/23/12

Prep Method: SW-846 3050B-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12I0588-05 [1028120918-05]	B059201	1.00	50.0	09/20/12

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12I0588-05 [1028120918-05]	B059168	0.614	50.0	09/20/12

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
12I0588-10 [1028120918-10]	B059204	15.0	15.0	1	50	09/20/12

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12I0588-01 [1028120918-01]	B059270	5.02	10.0	09/20/12
12I0588-02 [1028120918-02]	B059270	4.87	10.0	09/20/12
12I0588-03 [1028120918-03]	B059270	4.99	10.0	09/20/12
12I0588-04 [1028120918-04]	B059270	5.95	10.0	09/20/12
12I0588-06 [1028120918-06]	B059270	4.70	10.0	09/20/12
12I0588-07 [1028120918-07]	B059270	5.01	10.0	09/20/12
12I0588-08 [1028120918-08]	B059270	5.09	10.0	09/20/12
12I0588-09 [1028120918-09]	B059270	4.90	10.0	09/20/12

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
12I0588-02 [1028120918-02]	B059287	18.9	16.0	0.05	50	09/21/12
12I0588-08 [1028120918-08]	B059287	16.6	15.9	0.05	50	09/21/12

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12I0588-03RE1 [1028120918-03]	B059443	4.52	10.0	09/21/12
12I0588-08RE1 [1028120918-08]	B059443	5.34	10.0	09/21/12

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Sample Extraction Data

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12I0588-09RE1 [1028120918-09]	B059443	5.32	10.0	09/21/12

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B059204 - SW-846 5035										
Blank (B059204-BLK1)				Prepared: 09/20/12 Analyzed: 09/21/12						
Acetone	ND	2.5	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.025	mg/Kg wet							
Benzene	ND	0.050	mg/Kg wet							
Bromobenzene	ND	0.050	mg/Kg wet							
Bromochloromethane	ND	0.050	mg/Kg wet							
Bromodichloromethane	ND	0.050	mg/Kg wet							
Bromoform	ND	0.050	mg/Kg wet							
Bromomethane	ND	0.10	mg/Kg wet							
2-Butanone (MEK)	ND	1.0	mg/Kg wet							
n-Butylbenzene	ND	0.050	mg/Kg wet							
sec-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.025	mg/Kg wet							
Carbon Disulfide	ND	0.50	mg/Kg wet							
Carbon Tetrachloride	ND	0.050	mg/Kg wet							
Chlorobenzene	ND	0.050	mg/Kg wet							
Chlorodibromomethane	ND	0.025	mg/Kg wet							
Chloroethane	ND	0.10	mg/Kg wet							
Chloroform	ND	0.10	mg/Kg wet							
Chloromethane	ND	0.10	mg/Kg wet							
2-Chlorotoluene	ND	0.050	mg/Kg wet							
4-Chlorotoluene	ND	0.050	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.20	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.025	mg/Kg wet							
Dibromomethane	ND	0.050	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.050	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet							
1,1-Dichloroethane	ND	0.050	mg/Kg wet							
1,2-Dichloroethane	ND	0.050	mg/Kg wet							
1,1-Dichloroethylene	ND	0.050	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
1,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,3-Dichloropropane	ND	0.025	mg/Kg wet							
2,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,1-Dichloropropene	ND	0.10	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
Diethyl Ether	ND	0.10	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.025	mg/Kg wet							
1,4-Dioxane	ND	2.5	mg/Kg wet							V-16
Ethylbenzene	ND	0.050	mg/Kg wet							
Hexachlorobutadiene	ND	0.050	mg/Kg wet							
2-Hexanone (MBK)	ND	0.50	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.050	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.050	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet							
Methylene Chloride	ND	0.25	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.50	mg/Kg wet							
Naphthalene	ND	0.10	mg/Kg wet							L-04, V-05

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B059204 - SW-846 5035												
Blank (B059204-BLK1)				Prepared: 09/20/12 Analyzed: 09/21/12								
n-Propylbenzene	ND	0.050	mg/Kg wet									
Styrene	ND	0.050	mg/Kg wet									
1,1,1,2-Tetrachloroethane	ND	0.050	mg/Kg wet									
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet									
Tetrachloroethylene	ND	0.050	mg/Kg wet									
Tetrahydrofuran	ND	0.20	mg/Kg wet									
Toluene	ND	0.050	mg/Kg wet									
1,2,3-Trichlorobenzene	ND	0.20	mg/Kg wet								V-05	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg wet								V-05	
1,1,1-Trichloroethane	ND	0.050	mg/Kg wet									
1,1,2-Trichloroethane	ND	0.050	mg/Kg wet									
Trichloroethylene	ND	0.050	mg/Kg wet									
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet									
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet									
1,2,4-Trimethylbenzene	ND	0.050	mg/Kg wet									
1,3,5-Trimethylbenzene	ND	0.050	mg/Kg wet									
Vinyl Chloride	ND	0.10	mg/Kg wet									
m+p Xylene	ND	0.10	mg/Kg wet									
o-Xylene	ND	0.050	mg/Kg wet									
Surrogate: 1,2-Dichloroethane-d4	*0.0246*		mg/Kg wet	0.0250		98.2		70-130				
Surrogate: Toluene-d8	*0.0256*		mg/Kg wet	0.0250		103		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0247*		mg/Kg wet	0.0250		98.9		70-130				
LCS (B059204-BS1)				Prepared: 09/20/12 Analyzed: 09/21/12								
Acetone	0.101	0.057	mg/Kg wet	0.113		89.4		40-160				†
tert-Amyl Methyl Ether (TAME)	0.0125	0.00057	mg/Kg wet	0.0113		110		70-130				
Benzene	0.0112	0.0011	mg/Kg wet	0.0113		98.9		70-130				
Bromobenzene	0.0101	0.0011	mg/Kg wet	0.0113		89.4		70-130				
Bromochloromethane	0.0114	0.0011	mg/Kg wet	0.0113		100		70-130				
Bromodichloromethane	0.0127	0.0011	mg/Kg wet	0.0113		112		70-130			V-20	
Bromoform	0.0180	0.0011	mg/Kg wet	0.0113		**159**	*	70-130			L-02, V-20	
Bromomethane	0.00485	0.0023	mg/Kg wet	0.0113		42.8		40-160			L-14, V-20	†
2-Butanone (MEK)	0.109	0.023	mg/Kg wet	0.113		95.8		40-160				†
n-Butylbenzene	0.00906	0.0011	mg/Kg wet	0.0113		79.9		70-130				
sec-Butylbenzene	0.00937	0.0011	mg/Kg wet	0.0113		82.7		70-130				
tert-Butylbenzene	0.00951	0.0011	mg/Kg wet	0.0113		83.9		70-130				
tert-Butyl Ethyl Ether (TBEE)	0.0126	0.00057	mg/Kg wet	0.0113		111		70-130				
Carbon Disulfide	0.0126	0.011	mg/Kg wet	0.0113		111		70-130				
Carbon Tetrachloride	0.0163	0.0011	mg/Kg wet	0.0113		**144**	*	70-130			L-02, V-20	
Chlorobenzene	0.00962	0.0011	mg/Kg wet	0.0113		84.9		70-130				
Chlorodibromomethane	0.0153	0.00057	mg/Kg wet	0.0113		**135**	*	70-130			V-20, L-02	
Chloroethane	0.0109	0.0023	mg/Kg wet	0.0113		96.5		70-130				
Chloroform	0.0121	0.0023	mg/Kg wet	0.0113		107		70-130				
Chloromethane	0.00892	0.0023	mg/Kg wet	0.0113		78.7		40-160				†
2-Chlorotoluene	0.0101	0.0011	mg/Kg wet	0.0113		89.3		70-130				
4-Chlorotoluene	0.0101	0.0011	mg/Kg wet	0.0113		89.4		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0107	0.0045	mg/Kg wet	0.0113		94.1		70-130				
1,2-Dibromoethane (EDB)	0.0117	0.00057	mg/Kg wet	0.0113		103		70-130				
Dibromomethane	0.0110	0.0011	mg/Kg wet	0.0113		97.2		70-130				
1,2-Dichlorobenzene	0.00930	0.0011	mg/Kg wet	0.0113		82.1		70-130				
1,3-Dichlorobenzene	0.00937	0.0011	mg/Kg wet	0.0113		82.7		70-130				
1,4-Dichlorobenzene	0.00976	0.0011	mg/Kg wet	0.0113		86.1		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B059204 - SW-846 5035												
LCS (B059204-BS1)				Prepared: 09/20/12 Analyzed: 09/21/12								
Dichlorodifluoromethane (Freon 12)	0.00596	0.0023	mg/Kg wet	0.0113		52.6		40-160			L-14	†
1,1-Dichloroethane	0.0119	0.0011	mg/Kg wet	0.0113		105		70-130				
1,2-Dichloroethane	0.0114	0.0011	mg/Kg wet	0.0113		100		70-130				
1,1-Dichloroethylene	0.0110	0.0011	mg/Kg wet	0.0113		97.5		70-130				
cis-1,2-Dichloroethylene	0.0112	0.0011	mg/Kg wet	0.0113		98.5		70-130				
trans-1,2-Dichloroethylene	0.0112	0.0011	mg/Kg wet	0.0113		99.2		70-130				
1,2-Dichloropropane	0.0109	0.0011	mg/Kg wet	0.0113		96.2		70-130				
1,3-Dichloropropane	0.0109	0.00057	mg/Kg wet	0.0113		95.8		70-130				
2,2-Dichloropropane	0.0112	0.0011	mg/Kg wet	0.0113		98.8		70-130				
1,1-Dichloropropene	0.0116	0.0023	mg/Kg wet	0.0113		102		70-130				
cis-1,3-Dichloropropene	0.0115	0.00057	mg/Kg wet	0.0113		102		70-130				
trans-1,3-Dichloropropene	0.0155	0.00057	mg/Kg wet	0.0113		**137**	*	70-130			L-07, V-20	
Diethyl Ether	0.0109	0.0023	mg/Kg wet	0.0113		96.5		70-130				
Diisopropyl Ether (DIPE)	0.0124	0.00057	mg/Kg wet	0.0113		110		70-130				
1,4-Dioxane	0.127	0.057	mg/Kg wet	0.113		112		40-160			V-16, V-20	†
Ethylbenzene	0.0101	0.0011	mg/Kg wet	0.0113		89.5		70-130				
Hexachlorobutadiene	0.00950	0.0011	mg/Kg wet	0.0113		83.8		70-130				
2-Hexanone (MBK)	0.105	0.011	mg/Kg wet	0.113		92.2		40-160				†
Isopropylbenzene (Cumene)	0.0102	0.0011	mg/Kg wet	0.0113		89.7		70-130				
p-Isopropyltoluene (p-Cymene)	0.0101	0.0011	mg/Kg wet	0.0113		88.9		70-130				
Methyl tert-Butyl Ether (MTBE)	0.0135	0.0011	mg/Kg wet	0.0113		119		70-130				
Methylene Chloride	0.0125	0.0057	mg/Kg wet	0.0113		110		70-130				
4-Methyl-2-pentanone (MIBK)	0.107	0.011	mg/Kg wet	0.113		94.0		40-160				†
Naphthalene	0.00711	0.0023	mg/Kg wet	0.0113		**62.7**	*	70-130			L-04, V-05	
n-Propylbenzene	0.00992	0.0011	mg/Kg wet	0.0113		87.5		70-130				
Styrene	0.0102	0.0011	mg/Kg wet	0.0113		90.4		70-130				
1,1,1,2-Tetrachloroethane	0.0131	0.0011	mg/Kg wet	0.0113		116		70-130				
1,1,2,2-Tetrachloroethane	0.0102	0.00057	mg/Kg wet	0.0113		90.0		70-130				
Tetrachloroethylene	0.0118	0.0011	mg/Kg wet	0.0113		104		70-130				
Tetrahydrofuran	0.00934	0.0045	mg/Kg wet	0.0113		82.4		70-130				
Toluene	0.0111	0.0011	mg/Kg wet	0.0113		98.0		70-130				
1,2,3-Trichlorobenzene	0.00789	0.0045	mg/Kg wet	0.0113		**69.6**	*	70-130			V-05, L-07	
1,2,4-Trichlorobenzene	0.00804	0.0023	mg/Kg wet	0.0113		70.9		70-130			V-05	
1,1,1-Trichloroethane	0.0134	0.0011	mg/Kg wet	0.0113		118		70-130			V-20	
1,1,2-Trichloroethane	0.0112	0.0011	mg/Kg wet	0.0113		98.7		70-130				
Trichloroethylene	0.0111	0.0011	mg/Kg wet	0.0113		97.9		70-130				
Trichlorofluoromethane (Freon 11)	0.0104	0.0023	mg/Kg wet	0.0113		91.6		70-130				
1,2,3-Trichloropropane	0.0100	0.0023	mg/Kg wet	0.0113		88.5		70-130				
1,2,4-Trimethylbenzene	0.00953	0.0011	mg/Kg wet	0.0113		84.1		70-130				
1,3,5-Trimethylbenzene	0.0101	0.0011	mg/Kg wet	0.0113		88.7		70-130				
Vinyl Chloride	0.00923	0.0023	mg/Kg wet	0.0113		81.4		70-130				
m+p Xylene	0.0206	0.0023	mg/Kg wet	0.0227		90.7		70-130				
o-Xylene	0.0100	0.0011	mg/Kg wet	0.0113		88.6		70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0296*		mg/Kg wet	0.0283		105		70-130				
Surrogate: Toluene-d8	*0.0295*		mg/Kg wet	0.0283		104		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0287*		mg/Kg wet	0.0283		101		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B059204 - SW-846 5035												
LCS Dup (B059204-BSD1)				Prepared: 09/20/12 Analyzed: 09/21/12								
Acetone	0.100	0.057	mg/Kg wet	0.113		88.7		40-160	0.809	20		†
tert-Amyl Methyl Ether (TAME)	0.0122	0.00057	mg/Kg wet	0.0113		108		70-130	2.29	20		
Benzene	0.0111	0.0011	mg/Kg wet	0.0113		98.0		70-130	0.914	20		
Bromobenzene	0.00961	0.0011	mg/Kg wet	0.0113		84.8		70-130	5.28	20		
Bromochloromethane	0.0114	0.0011	mg/Kg wet	0.0113		101		70-130	0.0994	20		
Bromodichloromethane	0.0119	0.0011	mg/Kg wet	0.0113		105		70-130	6.07	20	V-20	
Bromoform	0.0169	0.0011	mg/Kg wet	0.0113		**149**	*	70-130	6.11	20	L-02, V-20	
Bromomethane	0.00573	0.0023	mg/Kg wet	0.0113		50.6		40-160	16.7	20	L-14, V-20	†
2-Butanone (MEK)	0.111	0.023	mg/Kg wet	0.113		98.3		40-160	2.52	20		†
n-Butylbenzene	0.00884	0.0011	mg/Kg wet	0.0113		78.0		70-130	2.41	20		
sec-Butylbenzene	0.00882	0.0011	mg/Kg wet	0.0113		77.8		70-130	6.11	20		
tert-Butylbenzene	0.00902	0.0011	mg/Kg wet	0.0113		79.6		70-130	5.26	20		
tert-Butyl Ethyl Ether (TBEE)	0.0123	0.00057	mg/Kg wet	0.0113		109		70-130	2.27	20		
Carbon Disulfide	0.0121	0.011	mg/Kg wet	0.0113		107		70-130	3.58	20		
Carbon Tetrachloride	0.0160	0.0011	mg/Kg wet	0.0113		**141**	*	70-130	2.18	20	L-02, V-20	
Chlorobenzene	0.00937	0.0011	mg/Kg wet	0.0113		82.7		70-130	2.63	20		
Chlorodibromomethane	0.0148	0.00057	mg/Kg wet	0.0113		**131**	*	70-130	3.01	20	L-02, V-20	
Chloroethane	0.0108	0.0023	mg/Kg wet	0.0113		95.6		70-130	0.937	20		
Chloroform	0.0118	0.0023	mg/Kg wet	0.0113		104		70-130	2.37	20		
Chloromethane	0.00893	0.0023	mg/Kg wet	0.0113		78.8		40-160	0.127	20		†
2-Chlorotoluene	0.00941	0.0011	mg/Kg wet	0.0113		83.0		70-130	7.31	20		
4-Chlorotoluene	0.00955	0.0011	mg/Kg wet	0.0113		84.3		70-130	5.87	20		
1,2-Dibromo-3-chloropropane (DBCP)	0.00994	0.0045	mg/Kg wet	0.0113		87.7		70-130	7.04	20		
1,2-Dibromoethane (EDB)	0.0117	0.00057	mg/Kg wet	0.0113		103		70-130	0.388	20		
Dibromomethane	0.0110	0.0011	mg/Kg wet	0.0113		97.0		70-130	0.206	20		
1,2-Dichlorobenzene	0.00896	0.0011	mg/Kg wet	0.0113		79.1		70-130	3.72	20		
1,3-Dichlorobenzene	0.00894	0.0011	mg/Kg wet	0.0113		78.9		70-130	4.70	20		
1,4-Dichlorobenzene	0.00935	0.0011	mg/Kg wet	0.0113		82.5		70-130	4.27	20		
Dichlorodifluoromethane (Freon 12)	0.00566	0.0023	mg/Kg wet	0.0113		49.9		40-160	5.27	20	L-14	†
1,1-Dichloroethane	0.0116	0.0011	mg/Kg wet	0.0113		102		70-130	2.89	20		
1,2-Dichloroethane	0.0111	0.0011	mg/Kg wet	0.0113		97.6		70-130	2.83	20		
1,1-Dichloroethylene	0.0108	0.0011	mg/Kg wet	0.0113		95.0		70-130	2.60	20		
cis-1,2-Dichloroethylene	0.0110	0.0011	mg/Kg wet	0.0113		96.8		70-130	1.74	20		
trans-1,2-Dichloroethylene	0.0108	0.0011	mg/Kg wet	0.0113		95.7		70-130	3.59	20		
1,2-Dichloropropane	0.0104	0.0011	mg/Kg wet	0.0113		92.2		70-130	4.25	20		
1,3-Dichloropropane	0.0107	0.00057	mg/Kg wet	0.0113		94.3		70-130	1.58	20		
2,2-Dichloropropane	0.0108	0.0011	mg/Kg wet	0.0113		95.0		70-130	3.92	20		
1,1-Dichloropropene	0.0114	0.0023	mg/Kg wet	0.0113		101		70-130	1.28	20		
cis-1,3-Dichloropropene	0.0110	0.00057	mg/Kg wet	0.0113		97.4		70-130	4.52	20		
trans-1,3-Dichloropropene	0.0147	0.00057	mg/Kg wet	0.0113		130		70-130	5.63	20	V-20	
Diethyl Ether	0.0107	0.0023	mg/Kg wet	0.0113		94.6		70-130	1.99	20		
Diisopropyl Ether (DIPE)	0.0121	0.00057	mg/Kg wet	0.0113		106		70-130	3.05	20		
1,4-Dioxane	0.121	0.057	mg/Kg wet	0.113		107		40-160	4.69	20	V-16, V-20	†
Ethylbenzene	0.00966	0.0011	mg/Kg wet	0.0113		85.2		70-130	4.92	20		
Hexachlorobutadiene	0.00884	0.0011	mg/Kg wet	0.0113		78.0		70-130	7.17	20		
2-Hexanone (MBK)	0.107	0.011	mg/Kg wet	0.113		94.0		40-160	1.90	20		†
Isopropylbenzene (Cumene)	0.00978	0.0011	mg/Kg wet	0.0113		86.3		70-130	3.86	20		
p-Isopropyltoluene (p-Cymene)	0.00981	0.0011	mg/Kg wet	0.0113		86.6		70-130	2.62	20		
Methyl tert-Butyl Ether (MTBE)	0.0133	0.0011	mg/Kg wet	0.0113		117		70-130	1.53	20		
Methylene Chloride	0.0122	0.0057	mg/Kg wet	0.0113		108		70-130	2.29	20		
4-Methyl-2-pentanone (MIBK)	0.108	0.011	mg/Kg wet	0.113		95.0		40-160	1.01	20		†
Naphthalene	0.00700	0.0023	mg/Kg wet	0.0113		**61.8**	*	70-130	1.45	20	V-05, L-04	

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QUALITY CONTROL

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B059204 - SW-846 5035											
LCS Dup (B059204-BSD1)				Prepared: 09/20/12 Analyzed: 09/21/12							
n-Propylbenzene	0.00964	0.0011	mg/Kg wet	0.0113		85.1		70-130	2.78	20	
Styrene	0.00996	0.0011	mg/Kg wet	0.0113		87.9		70-130	2.80	20	
1,1,1,2-Tetrachloroethane	0.0125	0.0011	mg/Kg wet	0.0113		110		70-130	4.69	20	
1,1,2,2-Tetrachloroethane	0.00985	0.00057	mg/Kg wet	0.0113		86.9		70-130	3.50	20	
Tetrachloroethylene	0.0115	0.0011	mg/Kg wet	0.0113		102		70-130	2.72	20	
Tetrahydrofuran	0.0108	0.0045	mg/Kg wet	0.0113		95.6		70-130	14.8	20	
Toluene	0.0108	0.0011	mg/Kg wet	0.0113		95.2		70-130	2.90	20	
1,2,3-Trichlorobenzene	0.00815	0.0045	mg/Kg wet	0.0113		71.9		70-130	3.25	20	V-05
1,2,4-Trichlorobenzene	0.00746	0.0023	mg/Kg wet	0.0113		**65.8**	*	70-130	7.46	20	L-07, V-05
1,1,1-Trichloroethane	0.0132	0.0011	mg/Kg wet	0.0113		117		70-130	0.938	20	V-20
1,1,2-Trichloroethane	0.0113	0.0011	mg/Kg wet	0.0113		99.3		70-130	0.606	20	
Trichloroethylene	0.0106	0.0011	mg/Kg wet	0.0113		93.7		70-130	4.38	20	
Trichlorofluoromethane (Freon 11)	0.0103	0.0023	mg/Kg wet	0.0113		90.6		70-130	1.10	20	
1,2,3-Trichloropropane	0.00996	0.0023	mg/Kg wet	0.0113		87.9		70-130	0.680	20	
1,2,4-Trimethylbenzene	0.00907	0.0011	mg/Kg wet	0.0113		80.0		70-130	5.00	20	
1,3,5-Trimethylbenzene	0.00958	0.0011	mg/Kg wet	0.0113		84.5		70-130	4.85	20	
Vinyl Chloride	0.00906	0.0023	mg/Kg wet	0.0113		79.9		70-130	1.86	20	
m+p Xylene	0.0197	0.0023	mg/Kg wet	0.0227		87.0		70-130	4.16	20	
o-Xylene	0.00970	0.0011	mg/Kg wet	0.0113		85.6		70-130	3.44	20	
Surrogate: 1,2-Dichloroethane-d4	*0.0298*		mg/Kg wet	0.0283		105		70-130			
Surrogate: Toluene-d8	*0.0296*		mg/Kg wet	0.0283		105		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0285*		mg/Kg wet	0.0283		100		70-130			
Batch B059270 - SW-846 5035											
Blank (B059270-BLK1)				Prepared & Analyzed: 09/20/12							
Acetone	ND	0.10	mg/Kg wet								V-16
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet								
Benzene	ND	0.0020	mg/Kg wet								
Bromobenzene	ND	0.0020	mg/Kg wet								
Bromochloromethane	ND	0.0020	mg/Kg wet								
Bromodichloromethane	ND	0.0020	mg/Kg wet								
Bromoform	ND	0.0020	mg/Kg wet								
Bromomethane	ND	0.010	mg/Kg wet								
2-Butanone (MEK)	ND	0.040	mg/Kg wet								
n-Butylbenzene	ND	0.0020	mg/Kg wet								
sec-Butylbenzene	ND	0.0020	mg/Kg wet								
tert-Butylbenzene	ND	0.0020	mg/Kg wet								
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet								
Carbon Disulfide	ND	0.0060	mg/Kg wet								
Carbon Tetrachloride	ND	0.0020	mg/Kg wet								
Chlorobenzene	ND	0.0020	mg/Kg wet								
Chlorodibromomethane	ND	0.0010	mg/Kg wet								
Chloroethane	ND	0.010	mg/Kg wet								
Chloroform	ND	0.0040	mg/Kg wet								
Chloromethane	ND	0.010	mg/Kg wet								
2-Chlorotoluene	ND	0.0020	mg/Kg wet								
4-Chlorotoluene	ND	0.0020	mg/Kg wet								
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet								V-16
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet								
Dibromomethane	ND	0.0020	mg/Kg wet								
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet								
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet								

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B059270 - SW-846 5035										
Blank (B059270-BLK1)				Prepared & Analyzed: 09/20/12						
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.010	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0040	mg/Kg wet							
Diethyl Ether	ND	0.010	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-05, V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.010	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	*0.0553*		mg/Kg wet	0.0500		111	70-130			
Surrogate: Toluene-d8	*0.0505*		mg/Kg wet	0.0500		101	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0507*		mg/Kg wet	0.0500		101	70-130			

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QUALITY CONTROL

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B059270 - SW-846 5035												
LCS (B059270-BS1)				Prepared & Analyzed: 09/20/12								
Acetone	0.191	0.10	mg/Kg wet	0.200		95.5		40-160			V-16, V-20	†
tert-Amyl Methyl Ether (TAME)	0.0169	0.0010	mg/Kg wet	0.0200		84.4		70-130				
Benzene	0.0173	0.0020	mg/Kg wet	0.0200		86.3		70-130				
Bromobenzene	0.0196	0.0020	mg/Kg wet	0.0200		97.8		70-130				
Bromochloromethane	0.0191	0.0020	mg/Kg wet	0.0200		95.6		70-130				
Bromodichloromethane	0.0227	0.0020	mg/Kg wet	0.0200		113		70-130				
Bromoform	0.0201	0.0020	mg/Kg wet	0.0200		101		70-130				
Bromomethane	0.0183	0.010	mg/Kg wet	0.0200		91.5		40-160				†
2-Butanone (MEK)	0.156	0.040	mg/Kg wet	0.200		78.2		40-160				†
n-Butylbenzene	0.0207	0.0020	mg/Kg wet	0.0200		103		70-130				
sec-Butylbenzene	0.0206	0.0020	mg/Kg wet	0.0200		103		70-130				
tert-Butylbenzene	0.0222	0.0020	mg/Kg wet	0.0200		111		70-130				
tert-Butyl Ethyl Ether (TBEE)	0.0176	0.0010	mg/Kg wet	0.0200		88.1		70-130				
Carbon Disulfide	0.0180	0.0060	mg/Kg wet	0.0200		89.9		70-130				
Carbon Tetrachloride	0.0250	0.0020	mg/Kg wet	0.0200		125		70-130			V-20	
Chlorobenzene	0.0203	0.0020	mg/Kg wet	0.0200		101		70-130				
Chlorodibromomethane	0.0230	0.0010	mg/Kg wet	0.0200		115		70-130				
Chloroethane	0.0193	0.010	mg/Kg wet	0.0200		96.5		70-130				
Chloroform	0.0214	0.0040	mg/Kg wet	0.0200		107		70-130				
Chloromethane	0.0170	0.010	mg/Kg wet	0.0200		84.9		40-160				†
2-Chlorotoluene	0.0220	0.0020	mg/Kg wet	0.0200		110		70-130				
4-Chlorotoluene	0.0226	0.0020	mg/Kg wet	0.0200		113		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130			V-16	
1,2-Dibromoethane (EDB)	0.0217	0.0010	mg/Kg wet	0.0200		109		70-130				
Dibromomethane	0.0211	0.0020	mg/Kg wet	0.0200		105		70-130				
1,2-Dichlorobenzene	0.0203	0.0020	mg/Kg wet	0.0200		102		70-130				
1,3-Dichlorobenzene	0.0211	0.0020	mg/Kg wet	0.0200		106		70-130				
1,4-Dichlorobenzene	0.0188	0.0020	mg/Kg wet	0.0200		94.0		70-130				
Dichlorodifluoromethane (Freon 12)	0.0143	0.010	mg/Kg wet	0.0200		71.6		40-160				†
1,1-Dichloroethane	0.0182	0.0020	mg/Kg wet	0.0200		91.1		70-130				
1,2-Dichloroethane	0.0249	0.0020	mg/Kg wet	0.0200		125		70-130				
1,1-Dichloroethylene	0.0218	0.0040	mg/Kg wet	0.0200		109		70-130				
cis-1,2-Dichloroethylene	0.0181	0.0020	mg/Kg wet	0.0200		90.3		70-130				
trans-1,2-Dichloroethylene	0.0179	0.0020	mg/Kg wet	0.0200		89.7		70-130				
1,2-Dichloropropane	0.0183	0.0020	mg/Kg wet	0.0200		91.6		70-130				
1,3-Dichloropropane	0.0210	0.0010	mg/Kg wet	0.0200		105		70-130				
2,2-Dichloropropane	0.0216	0.0020	mg/Kg wet	0.0200		108		70-130				
1,1-Dichloropropene	0.0203	0.0020	mg/Kg wet	0.0200		102		70-130				
cis-1,3-Dichloropropene	0.0196	0.0010	mg/Kg wet	0.0200		98.0		70-130				
trans-1,3-Dichloropropene	0.0202	0.0040	mg/Kg wet	0.0200		101		70-130				
Diethyl Ether	0.0197	0.010	mg/Kg wet	0.0200		98.3		70-130				
Diisopropyl Ether (DIPE)	0.0173	0.0010	mg/Kg wet	0.0200		86.7		70-130				
1,4-Dioxane	0.164	0.10	mg/Kg wet	0.200		81.8		40-160			V-05, V-16	†
Ethylbenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.5		70-130				
Hexachlorobutadiene	0.0228	0.0020	mg/Kg wet	0.0200		114		70-130				
2-Hexanone (MBK)	0.184	0.020	mg/Kg wet	0.200		92.1		40-160				†
Isopropylbenzene (Cumene)	0.0207	0.0020	mg/Kg wet	0.0200		104		70-130				
p-Isopropyltoluene (p-Cymene)	0.0217	0.0020	mg/Kg wet	0.0200		109		70-130				
Methyl tert-Butyl Ether (MTBE)	0.0198	0.0040	mg/Kg wet	0.0200		98.9		70-130				
Methylene Chloride	0.0138	0.010	mg/Kg wet	0.0200		**68.8**	*	70-130			L-07, V-20	
4-Methyl-2-pentanone (MIBK)	0.184	0.020	mg/Kg wet	0.200		92.0		40-160				†
Naphthalene	0.0167	0.0040	mg/Kg wet	0.0200		83.6		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B059270 - SW-846 5035											
LCS (B059270-BS1)				Prepared & Analyzed: 09/20/12							
n-Propylbenzene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130				
Styrene	0.0199	0.0020	mg/Kg wet	0.0200		99.6	70-130				
1,1,1,2-Tetrachloroethane	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130				
1,1,2,2-Tetrachloroethane	0.0182	0.0010	mg/Kg wet	0.0200		91.1	70-130				
Tetrachloroethylene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130				
Tetrahydrofuran	0.0179	0.010	mg/Kg wet	0.0200		89.4	70-130			V-16	
Toluene	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130				
1,2,3-Trichlorobenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130				
1,2,4-Trichlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		99.8	70-130				
1,1,1-Trichloroethane	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130				
1,1,2-Trichloroethane	0.0193	0.0020	mg/Kg wet	0.0200		96.5	70-130				
Trichloroethylene	0.0209	0.0020	mg/Kg wet	0.0200		105	70-130				
Trichlorofluoromethane (Freon 11)	0.0209	0.010	mg/Kg wet	0.0200		104	70-130				
1,2,3-Trichloropropane	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130				
1,2,4-Trimethylbenzene	0.0184	0.0020	mg/Kg wet	0.0200		91.9	70-130				
1,3,5-Trimethylbenzene	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130				
Vinyl Chloride	0.0176	0.010	mg/Kg wet	0.0200		88.2	70-130				
m+p Xylene	0.0431	0.0040	mg/Kg wet	0.0400		108	70-130				
o-Xylene	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0540*		mg/Kg wet	0.0500		108	70-130				
Surrogate: Toluene-d8	*0.0505*		mg/Kg wet	0.0500		101	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0510*		mg/Kg wet	0.0500		102	70-130				
LCS Dup (B059270-BSD1)				Prepared & Analyzed: 09/20/12							
Acetone	0.209	0.10	mg/Kg wet	0.200		105	40-160	9.24	20	V-16, V-20	†
tert-Amyl Methyl Ether (TAME)	0.0183	0.0010	mg/Kg wet	0.0200		91.5	70-130	8.07	20		
Benzene	0.0181	0.0020	mg/Kg wet	0.0200		90.7	70-130	4.97	20		
Bromobenzene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130	4.99	20		
Bromochloromethane	0.0211	0.0020	mg/Kg wet	0.0200		105	70-130	9.66	20		
Bromodichloromethane	0.0237	0.0020	mg/Kg wet	0.0200		118	70-130	4.40	20		
Bromoform	0.0211	0.0020	mg/Kg wet	0.0200		105	70-130	4.66	20		
Bromomethane	0.0195	0.010	mg/Kg wet	0.0200		97.3	40-160	6.14	20		†
2-Butanone (MEK)	0.173	0.040	mg/Kg wet	0.200		86.3	40-160	9.85	20		†
n-Butylbenzene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130	3.24	20		
sec-Butylbenzene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130	7.38	20		
tert-Butylbenzene	0.0231	0.0020	mg/Kg wet	0.0200		115	70-130	3.62	20		
tert-Butyl Ethyl Ether (TBEE)	0.0192	0.0010	mg/Kg wet	0.0200		96.0	70-130	8.58	20		
Carbon Disulfide	0.0186	0.0060	mg/Kg wet	0.0200		92.8	70-130	3.17	20		
Carbon Tetrachloride	0.0258	0.0020	mg/Kg wet	0.0200		129	70-130	3.23	20	V-20	
Chlorobenzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130	3.40	20		
Chlorodibromomethane	0.0242	0.0010	mg/Kg wet	0.0200		121	70-130	5.17	20		
Chloroethane	0.0199	0.010	mg/Kg wet	0.0200		99.4	70-130	2.96	20		
Chloroform	0.0231	0.0040	mg/Kg wet	0.0200		115	70-130	7.55	20		
Chloromethane	0.0177	0.010	mg/Kg wet	0.0200		88.3	40-160	3.93	20		†
2-Chlorotoluene	0.0227	0.0020	mg/Kg wet	0.0200		114	70-130	3.40	20		
4-Chlorotoluene	0.0234	0.0020	mg/Kg wet	0.0200		117	70-130	3.31	20		
1,2-Dibromo-3-chloropropane (DBCP)	0.0233	0.0020	mg/Kg wet	0.0200		116	70-130	8.52	20	V-16	
1,2-Dibromoethane (EDB)	0.0238	0.0010	mg/Kg wet	0.0200		119	70-130	8.97	20		
Dibromomethane	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130	6.88	20		
1,2-Dichlorobenzene	0.0215	0.0020	mg/Kg wet	0.0200		107	70-130	5.36	20		
1,3-Dichlorobenzene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130	3.17	20		
1,4-Dichlorobenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.4	70-130	5.58	20		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B059270 - SW-846 5035												
LCS Dup (B059270-BSD1)				Prepared & Analyzed: 09/20/12								
Dichlorodifluoromethane (Freon 12)	0.0148	0.010	mg/Kg wet	0.0200		73.8		40-160	3.03	20		†
1,1-Dichloroethane	0.0197	0.0020	mg/Kg wet	0.0200		98.4		70-130	7.70	20		
1,2-Dichloroethane	0.0265	0.0020	mg/Kg wet	0.0200		**133**	*	70-130	6.30	20	L-07	
1,1-Dichloroethylene	0.0224	0.0040	mg/Kg wet	0.0200		112		70-130	2.53	20		
cis-1,2-Dichloroethylene	0.0191	0.0020	mg/Kg wet	0.0200		95.5		70-130	5.60	20		
trans-1,2-Dichloroethylene	0.0191	0.0020	mg/Kg wet	0.0200		95.7		70-130	6.47	20		
1,2-Dichloropropane	0.0193	0.0020	mg/Kg wet	0.0200		96.4		70-130	5.11	20		
1,3-Dichloropropane	0.0218	0.0010	mg/Kg wet	0.0200		109		70-130	3.75	20		
2,2-Dichloropropane	0.0229	0.0020	mg/Kg wet	0.0200		115		70-130	5.83	20		
1,1-Dichloropropene	0.0209	0.0020	mg/Kg wet	0.0200		104		70-130	2.62	20		
cis-1,3-Dichloropropene	0.0209	0.0010	mg/Kg wet	0.0200		104		70-130	6.32	20		
trans-1,3-Dichloropropene	0.0212	0.0040	mg/Kg wet	0.0200		106		70-130	5.22	20		
Diethyl Ether	0.0216	0.010	mg/Kg wet	0.0200		108		70-130	9.22	20		
Diisopropyl Ether (DIPE)	0.0187	0.0010	mg/Kg wet	0.0200		93.7		70-130	7.76	20		
1,4-Dioxane	0.186	0.10	mg/Kg wet	0.200		92.9		40-160	12.8	20	V-16, V-05	†
Ethylbenzene	0.0209	0.0020	mg/Kg wet	0.0200		104		70-130	5.91	20		
Hexachlorobutadiene	0.0233	0.0020	mg/Kg wet	0.0200		116		70-130	1.82	20		
2-Hexanone (MBK)	0.205	0.020	mg/Kg wet	0.200		103		40-160	10.8	20		†
Isopropylbenzene (Cumene)	0.0215	0.0020	mg/Kg wet	0.0200		108		70-130	3.88	20		
p-Isopropyltoluene (p-Cymene)	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130	2.81	20		
Methyl tert-Butyl Ether (MTBE)	0.0214	0.0040	mg/Kg wet	0.0200		107		70-130	7.68	20		
Methylene Chloride	0.0145	0.010	mg/Kg wet	0.0200		72.7		70-130	5.51	20	V-20	
4-Methyl-2-pentanone (MIBK)	0.203	0.020	mg/Kg wet	0.200		102		40-160	9.92	20		†
Naphthalene	0.0177	0.0040	mg/Kg wet	0.0200		88.7		70-130	5.92	20		
n-Propylbenzene	0.0222	0.0020	mg/Kg wet	0.0200		111		70-130	2.09	20		
Styrene	0.0210	0.0020	mg/Kg wet	0.0200		105		70-130	5.18	20		
1,1,1,2-Tetrachloroethane	0.0234	0.0020	mg/Kg wet	0.0200		117		70-130	3.66	20		
1,1,2,2-Tetrachloroethane	0.0197	0.0010	mg/Kg wet	0.0200		98.4		70-130	7.70	20		
Tetrachloroethylene	0.0229	0.0020	mg/Kg wet	0.0200		114		70-130	1.94	20		
Tetrahydrofuran	0.0178	0.010	mg/Kg wet	0.0200		89.1		70-130	0.336	20	V-16	
Toluene	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130	6.56	20		
1,2,3-Trichlorobenzene	0.0212	0.0020	mg/Kg wet	0.0200		106		70-130	3.85	20		
1,2,4-Trichlorobenzene	0.0201	0.0020	mg/Kg wet	0.0200		100		70-130	0.500	20		
1,1,1-Trichloroethane	0.0236	0.0020	mg/Kg wet	0.0200		118		70-130	4.59	20		
1,1,2-Trichloroethane	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130	10.4	20		
Trichloroethylene	0.0210	0.0020	mg/Kg wet	0.0200		105		70-130	0.477	20		
Trichlorofluoromethane (Freon 11)	0.0210	0.010	mg/Kg wet	0.0200		105		70-130	0.478	20		
1,2,3-Trichloropropane	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130	9.04	20		
1,2,4-Trimethylbenzene	0.0189	0.0020	mg/Kg wet	0.0200		94.7		70-130	3.00	20		
1,3,5-Trimethylbenzene	0.0215	0.0020	mg/Kg wet	0.0200		107		70-130	3.60	20		
Vinyl Chloride	0.0182	0.010	mg/Kg wet	0.0200		90.9		70-130	3.02	20		
m+p Xylene	0.0443	0.0040	mg/Kg wet	0.0400		111		70-130	2.79	20		
o-Xylene	0.0228	0.0020	mg/Kg wet	0.0200		114		70-130	5.03	20		
Surrogate: 1,2-Dichloroethane-d4	*0.0545*		mg/Kg wet	0.0500		109		70-130				
Surrogate: Toluene-d8	*0.0505*		mg/Kg wet	0.0500		101		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0512*		mg/Kg wet	0.0500		102		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B059287 - SW-846 5035										
Blank (B059287-BLK1)				Prepared: 09/21/12 Analyzed: 09/22/12						
Tetrachloroethylene	ND	0.050	mg/Kg wet							
Trichloroethylene	ND	0.050	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	*0.0247*		mg/Kg wet	0.0250		98.8	70-130			
Surrogate: Toluene-d8	*0.0251*		mg/Kg wet	0.0250		100	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0244*		mg/Kg wet	0.0250		97.7	70-130			
LCS (B059287-BS1)				Prepared: 09/21/12 Analyzed: 09/22/12						
Tetrachloroethylene	0.0116	0.0011	mg/Kg wet	0.0113		102	70-130			
Trichloroethylene	0.0110	0.0011	mg/Kg wet	0.0113		96.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0284*		mg/Kg wet	0.0283		100	70-130			
Surrogate: Toluene-d8	*0.0288*		mg/Kg wet	0.0283		102	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0291*		mg/Kg wet	0.0283		103	70-130			
LCS Dup (B059287-BSD1)				Prepared: 09/21/12 Analyzed: 09/22/12						
Tetrachloroethylene	0.0123	0.0011	mg/Kg wet	0.0113		109	70-130	6.06	20	
Trichloroethylene	0.0116	0.0011	mg/Kg wet	0.0113		102	70-130	5.62	20	
Surrogate: 1,2-Dichloroethane-d4	*0.0291*		mg/Kg wet	0.0283		103	70-130			
Surrogate: Toluene-d8	*0.0290*		mg/Kg wet	0.0283		102	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0287*		mg/Kg wet	0.0283		101	70-130			
Batch B059443 - SW-846 5035										
Blank (B059443-BLK1)				Prepared & Analyzed: 09/21/12						
Acetone	ND	0.10	mg/Kg wet							V-16
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0040	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.010	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							V-16
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.010	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B059443 - SW-846 5035										
Blank (B059443-BLK1)				Prepared & Analyzed: 09/21/12						
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0040	mg/Kg wet							
Diethyl Ether	ND	0.010	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.010	mg/Kg wet							V-05
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							V-05
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-05, V-16
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	*0.0557*		mg/Kg wet	0.0500		111	70-130			
Surrogate: Toluene-d8	*0.0507*		mg/Kg wet	0.0500		101	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0510*		mg/Kg wet	0.0500		102	70-130			

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Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B059443 - SW-846 5035												
LCS (B059443-BS1)				Prepared & Analyzed: 09/21/12								
Acetone	0.185	0.10	mg/Kg wet	0.200		92.5		40-160			V-16, V-20	†
tert-Amyl Methyl Ether (TAME)	0.0167	0.0010	mg/Kg wet	0.0200		83.7		70-130				
Benzene	0.0165	0.0020	mg/Kg wet	0.0200		82.5		70-130				
Bromobenzene	0.0183	0.0020	mg/Kg wet	0.0200		91.4		70-130				
Bromochloromethane	0.0180	0.0020	mg/Kg wet	0.0200		89.9		70-130				
Bromodichloromethane	0.0218	0.0020	mg/Kg wet	0.0200		109		70-130				
Bromoform	0.0186	0.0040	mg/Kg wet	0.0200		93.0		70-130				
Bromomethane	0.0163	0.010	mg/Kg wet	0.0200		81.5		40-160				†
2-Butanone (MEK)	0.151	0.040	mg/Kg wet	0.200		75.7		40-160				†
n-Butylbenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.4		70-130				
sec-Butylbenzene	0.0190	0.0020	mg/Kg wet	0.0200		95.2		70-130				
tert-Butylbenzene	0.0204	0.0020	mg/Kg wet	0.0200		102		70-130				
tert-Butyl Ethyl Ether (TBEE)	0.0171	0.0010	mg/Kg wet	0.0200		85.7		70-130				
Carbon Disulfide	0.0170	0.0060	mg/Kg wet	0.0200		85.1		70-130				
Carbon Tetrachloride	0.0240	0.0020	mg/Kg wet	0.0200		120		70-130			V-20	
Chlorobenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.6		70-130				
Chlorodibromomethane	0.0221	0.0010	mg/Kg wet	0.0200		111		70-130				
Chloroethane	0.0181	0.010	mg/Kg wet	0.0200		90.4		70-130				
Chloroform	0.0208	0.0040	mg/Kg wet	0.0200		104		70-130				
Chloromethane	0.0152	0.010	mg/Kg wet	0.0200		76.2		40-160				†
2-Chlorotoluene	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130				
4-Chlorotoluene	0.0216	0.0020	mg/Kg wet	0.0200		108		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0207	0.0020	mg/Kg wet	0.0200		104		70-130			V-16	
1,2-Dibromoethane (EDB)	0.0202	0.0010	mg/Kg wet	0.0200		101		70-130				
Dibromomethane	0.0196	0.0020	mg/Kg wet	0.0200		98.2		70-130				
1,2-Dichlorobenzene	0.0192	0.0020	mg/Kg wet	0.0200		96.1		70-130				
1,3-Dichlorobenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.6		70-130				
1,4-Dichlorobenzene	0.0176	0.0020	mg/Kg wet	0.0200		88.1		70-130				
Dichlorodifluoromethane (Freon 12)	0.0114	0.010	mg/Kg wet	0.0200		57.2		40-160			L-14	†
1,1-Dichloroethane	0.0179	0.0020	mg/Kg wet	0.0200		89.4		70-130				
1,2-Dichloroethane	0.0245	0.0020	mg/Kg wet	0.0200		123		70-130			V-20	
1,1-Dichloroethylene	0.0213	0.0040	mg/Kg wet	0.0200		106		70-130				
cis-1,2-Dichloroethylene	0.0179	0.0020	mg/Kg wet	0.0200		89.3		70-130				
trans-1,2-Dichloroethylene	0.0178	0.0020	mg/Kg wet	0.0200		88.8		70-130				
1,2-Dichloropropane	0.0173	0.0020	mg/Kg wet	0.0200		86.5		70-130				
1,3-Dichloropropane	0.0197	0.0010	mg/Kg wet	0.0200		98.7		70-130				
2,2-Dichloropropane	0.0211	0.0020	mg/Kg wet	0.0200		106		70-130				
1,1-Dichloropropene	0.0192	0.0020	mg/Kg wet	0.0200		96.0		70-130				
cis-1,3-Dichloropropene	0.0191	0.0010	mg/Kg wet	0.0200		95.3		70-130				
trans-1,3-Dichloropropene	0.0190	0.0040	mg/Kg wet	0.0200		94.9		70-130				
Diethyl Ether	0.0193	0.010	mg/Kg wet	0.0200		96.3		70-130				
Diisopropyl Ether (DIPE)	0.0166	0.0010	mg/Kg wet	0.0200		83.1		70-130				
1,4-Dioxane	0.147	0.10	mg/Kg wet	0.200		73.4		40-160			V-16	†
Ethylbenzene	0.0185	0.0020	mg/Kg wet	0.0200		92.5		70-130				
Hexachlorobutadiene	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130				
2-Hexanone (MBK)	0.171	0.020	mg/Kg wet	0.200		85.5		40-160				†
Isopropylbenzene (Cumene)	0.0196	0.0020	mg/Kg wet	0.0200		98.0		70-130				
p-Isopropyltoluene (p-Cymene)	0.0202	0.0020	mg/Kg wet	0.0200		101		70-130				
Methyl tert-Butyl Ether (MTBE)	0.0192	0.0040	mg/Kg wet	0.0200		96.2		70-130				
Methylene Chloride	0.0128	0.010	mg/Kg wet	0.0200		**63.8**	*	70-130			L-07, V-05	
4-Methyl-2-pentanone (MIBK)	0.172	0.020	mg/Kg wet	0.200		86.2		40-160				†
Naphthalene	0.0154	0.0040	mg/Kg wet	0.0200		76.8		70-130			V-05	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B059443 - SW-846 5035											
LCS (B059443-BS1)				Prepared & Analyzed: 09/21/12							
n-Propylbenzene	0.0201	0.0020	mg/Kg wet	0.0200		101	70-130				
Styrene	0.0189	0.0020	mg/Kg wet	0.0200		94.4	70-130				
1,1,1,2-Tetrachloroethane	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130				
1,1,2,2-Tetrachloroethane	0.0169	0.0010	mg/Kg wet	0.0200		84.7	70-130				
Tetrachloroethylene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130				
Tetrahydrofuran	0.0171	0.010	mg/Kg wet	0.0200		85.5	70-130			V-05, V-16	
Toluene	0.0192	0.0020	mg/Kg wet	0.0200		95.8	70-130				
1,2,3-Trichlorobenzene	0.0189	0.0020	mg/Kg wet	0.0200		94.6	70-130				
1,2,4-Trichlorobenzene	0.0185	0.0020	mg/Kg wet	0.0200		92.5	70-130				
1,1,1-Trichloroethane	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130				
1,1,2-Trichloroethane	0.0185	0.0020	mg/Kg wet	0.0200		92.6	70-130				
Trichloroethylene	0.0199	0.0020	mg/Kg wet	0.0200		99.6	70-130				
Trichlorofluoromethane (Freon 11)	0.0196	0.010	mg/Kg wet	0.0200		97.9	70-130				
1,2,3-Trichloropropane	0.0196	0.0020	mg/Kg wet	0.0200		98.1	70-130				
1,2,4-Trimethylbenzene	0.0173	0.0020	mg/Kg wet	0.0200		86.4	70-130				
1,3,5-Trimethylbenzene	0.0196	0.0020	mg/Kg wet	0.0200		98.2	70-130				
Vinyl Chloride	0.0165	0.010	mg/Kg wet	0.0200		82.4	70-130				
m+p Xylene	0.0405	0.0040	mg/Kg wet	0.0400		101	70-130				
o-Xylene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0543*		mg/Kg wet	0.0500		109	70-130				
Surrogate: Toluene-d8	*0.0504*		mg/Kg wet	0.0500		101	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0517*		mg/Kg wet	0.0500		103	70-130				
LCS Dup (B059443-BSD1)				Prepared & Analyzed: 09/21/12							
Acetone	0.204	0.10	mg/Kg wet	0.200		102	40-160	9.96	20	V-16, V-20	†
tert-Amyl Methyl Ether (TAME)	0.0171	0.0010	mg/Kg wet	0.0200		85.5	70-130	2.13	20		
Benzene	0.0177	0.0020	mg/Kg wet	0.0200		88.3	70-130	6.79	20		
Bromobenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.5	70-130	7.48	20		
Bromochloromethane	0.0196	0.0020	mg/Kg wet	0.0200		98.0	70-130	8.62	20		
Bromodichloromethane	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130	5.95	20		
Bromoform	0.0196	0.0040	mg/Kg wet	0.0200		98.2	70-130	5.44	20		
Bromomethane	0.0191	0.010	mg/Kg wet	0.0200		95.4	40-160	15.7	20		†
2-Butanone (MEK)	0.165	0.040	mg/Kg wet	0.200		82.4	40-160	8.49	20		†
n-Butylbenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	5.74	20		
sec-Butylbenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	6.99	20		
tert-Butylbenzene	0.0221	0.0020	mg/Kg wet	0.0200		110	70-130	7.80	20		
tert-Butyl Ethyl Ether (TBEE)	0.0183	0.0010	mg/Kg wet	0.0200		91.4	70-130	6.44	20		
Carbon Disulfide	0.0180	0.0060	mg/Kg wet	0.0200		90.1	70-130	5.71	20		
Carbon Tetrachloride	0.0256	0.0020	mg/Kg wet	0.0200		128	70-130	6.77	20	V-20	
Chlorobenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	6.38	20		
Chlorodibromomethane	0.0237	0.0010	mg/Kg wet	0.0200		119	70-130	6.98	20		
Chloroethane	0.0190	0.010	mg/Kg wet	0.0200		95.1	70-130	5.07	20		
Chloroform	0.0222	0.0040	mg/Kg wet	0.0200		111	70-130	6.61	20		
Chloromethane	0.0163	0.010	mg/Kg wet	0.0200		81.6	40-160	6.84	20		†
2-Chlorotoluene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130	5.51	20		
4-Chlorotoluene	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130	6.96	20		
1,2-Dibromo-3-chloropropane (DBCP)	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130	7.61	20	V-16	
1,2-Dibromoethane (EDB)	0.0229	0.0010	mg/Kg wet	0.0200		114	70-130	12.4	20		
Dibromomethane	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130	9.32	20		
1,2-Dichlorobenzene	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130	8.28	20		
1,3-Dichlorobenzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130	6.38	20		
1,4-Dichlorobenzene	0.0192	0.0020	mg/Kg wet	0.0200		96.0	70-130	8.58	20		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B059443 - SW-846 5035												
LCS Dup (B059443-BSD1)				Prepared & Analyzed: 09/21/12								
Dichlorodifluoromethane (Freon 12)	0.0124	0.010	mg/Kg wet	0.0200		61.9		40-160	7.89	20	L-14	†
1,1-Dichloroethane	0.0195	0.0020	mg/Kg wet	0.0200		97.5		70-130	8.67	20		
1,2-Dichloroethane	0.0262	0.0020	mg/Kg wet	0.0200		**131**	*	70-130	6.70	20	L-07, V-20	
1,1-Dichloroethylene	0.0222	0.0040	mg/Kg wet	0.0200		111		70-130	4.23	20		
cis-1,2-Dichloroethylene	0.0190	0.0020	mg/Kg wet	0.0200		94.8		70-130	5.98	20		
trans-1,2-Dichloroethylene	0.0190	0.0020	mg/Kg wet	0.0200		95.2		70-130	6.96	20		
1,2-Dichloropropane	0.0186	0.0020	mg/Kg wet	0.0200		92.8		70-130	7.03	20		
1,3-Dichloropropane	0.0209	0.0010	mg/Kg wet	0.0200		105		70-130	5.90	20		
2,2-Dichloropropane	0.0226	0.0020	mg/Kg wet	0.0200		113		70-130	6.59	20		
1,1-Dichloropropene	0.0202	0.0020	mg/Kg wet	0.0200		101		70-130	4.88	20		
cis-1,3-Dichloropropene	0.0207	0.0010	mg/Kg wet	0.0200		104		70-130	8.35	20		
trans-1,3-Dichloropropene	0.0206	0.0040	mg/Kg wet	0.0200		103		70-130	8.19	20		
Diethyl Ether	0.0204	0.010	mg/Kg wet	0.0200		102		70-130	5.85	20		
Diisopropyl Ether (DIPE)	0.0178	0.0010	mg/Kg wet	0.0200		88.9		70-130	6.74	20		
1,4-Dioxane	0.144	0.10	mg/Kg wet	0.200		72.0		40-160	2.01	20	V-16	†
Ethylbenzene	0.0198	0.0020	mg/Kg wet	0.0200		99.1		70-130	6.89	20		
Hexachlorobutadiene	0.0230	0.0020	mg/Kg wet	0.0200		115		70-130	7.21	20		
2-Hexanone (MBK)	0.193	0.020	mg/Kg wet	0.200		96.4		40-160	12.1	20		†
Isopropylbenzene (Cumene)	0.0211	0.0020	mg/Kg wet	0.0200		106		70-130	7.56	20		
p-Isopropyltoluene (p-Cymene)	0.0217	0.0020	mg/Kg wet	0.0200		109		70-130	7.15	20		
Methyl tert-Butyl Ether (MTBE)	0.0208	0.0040	mg/Kg wet	0.0200		104		70-130	7.98	20		
Methylene Chloride	0.0143	0.010	mg/Kg wet	0.0200		71.5		70-130	11.4	20	V-05	
4-Methyl-2-pentanone (MIBK)	0.192	0.020	mg/Kg wet	0.200		96.1		40-160	10.8	20		†
Naphthalene	0.0171	0.0040	mg/Kg wet	0.0200		85.6		70-130	10.8	20	V-05	
n-Propylbenzene	0.0215	0.0020	mg/Kg wet	0.0200		108		70-130	6.82	20		
Styrene	0.0195	0.0020	mg/Kg wet	0.0200		97.5		70-130	3.23	20		
1,1,1,2-Tetrachloroethane	0.0227	0.0020	mg/Kg wet	0.0200		113		70-130	6.46	20		
1,1,2,2-Tetrachloroethane	0.0187	0.0010	mg/Kg wet	0.0200		93.7		70-130	10.1	20		
Tetrachloroethylene	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130	5.78	20		
Tetrahydrofuran	0.0175	0.010	mg/Kg wet	0.0200		87.4		70-130	2.20	20	V-05, V-16	
Toluene	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130	8.11	20		
1,2,3-Trichlorobenzene	0.0211	0.0020	mg/Kg wet	0.0200		105		70-130	10.7	20		
1,2,4-Trichlorobenzene	0.0202	0.0020	mg/Kg wet	0.0200		101		70-130	8.98	20		
1,1,1-Trichloroethane	0.0235	0.0020	mg/Kg wet	0.0200		118		70-130	6.50	20		
1,1,2-Trichloroethane	0.0198	0.0020	mg/Kg wet	0.0200		98.8		70-130	6.48	20		
Trichloroethylene	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130	7.16	20		
Trichlorofluoromethane (Freon 11)	0.0209	0.010	mg/Kg wet	0.0200		104		70-130	6.43	20		
1,2,3-Trichloropropane	0.0216	0.0020	mg/Kg wet	0.0200		108		70-130	9.70	20		
1,2,4-Trimethylbenzene	0.0186	0.0020	mg/Kg wet	0.0200		92.9		70-130	7.25	20		
1,3,5-Trimethylbenzene	0.0212	0.0020	mg/Kg wet	0.0200		106		70-130	7.55	20		
Vinyl Chloride	0.0170	0.010	mg/Kg wet	0.0200		85.2		70-130	3.34	20		
m+p Xylene	0.0429	0.0040	mg/Kg wet	0.0400		107		70-130	5.71	20		
o-Xylene	0.0221	0.0020	mg/Kg wet	0.0200		111		70-130	7.21	20		
Surrogate: 1,2-Dichloroethane-d4	*0.0550*		mg/Kg wet	0.0500		110		70-130				
Surrogate: Toluene-d8	*0.0506*		mg/Kg wet	0.0500		101		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0508*		mg/Kg wet	0.0500		102		70-130				

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B059168 - SW-846 7471										
Blank (B059168-BLK1)				Prepared & Analyzed: 09/20/12						
Mercury	ND	0.025	mg/Kg wet							
LCS (B059168-BS1)				Prepared & Analyzed: 09/20/12						
Mercury	3.69	0.32	mg/Kg wet	3.73		98.9	71.7-128.3			
LCS Dup (B059168-BSD1)				Prepared & Analyzed: 09/20/12						
Mercury	3.59	0.33	mg/Kg wet	3.73		96.3	71.7-128.3	2.67	30	
Batch B059201 - SW-846 3050B										
Blank (B059201-BLK1)				Prepared: 09/20/12 Analyzed: 09/21/12						
Antimony	ND	2.5	mg/Kg wet							
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Beryllium	ND	0.25	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
Nickel	ND	0.50	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							
Thallium	ND	2.5	mg/Kg wet							
Vanadium	ND	1.0	mg/Kg wet							
Zinc	ND	1.0	mg/Kg wet							
LCS (B059201-BS1)				Prepared: 09/20/12 Analyzed: 09/21/12						
Antimony	128	5.0	mg/Kg wet	120		107	2.5-219.2			
Arsenic	166	5.0	mg/Kg wet	168		98.5	83.3-117.3			
Barium	212	5.0	mg/Kg wet	213		99.6	54.9-116.9			
Beryllium	114	0.50	mg/Kg wet	110		103	84.2-116.4			
Cadmium	100	0.50	mg/Kg wet	103		97.4	83.6-115.5			
Chromium	120	1.0	mg/Kg wet	119		101	81.6-117.6			
Lead	70.1	1.5	mg/Kg wet	76.9		91.2	81.3-118.7			
Nickel	66.8	1.0	mg/Kg wet	70.0		95.5	81.7-118.1			
Selenium	118	10	mg/Kg wet	126		93.9	80.2-120.6			
Silver	40.0	1.0	mg/Kg wet	42.3		94.6	66.4-133.8			
Thallium	199	5.0	mg/Kg wet	208		95.6	81.3-118.8			
Vanadium	95.6	2.0	mg/Kg wet	87.1		110	77.6-122.8			
Zinc	274	2.0	mg/Kg wet	276		99.2	82.2-117.8			
LCS (B059201-BS2)				Prepared: 09/20/12 Analyzed: 09/21/12						
Lead	0.644	0.71	mg/Kg wet	0.715		90.1	80-120			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B059201 - SW-846 3050B										
LCS Dup (B059201-BSD1)				Prepared: 09/20/12 Analyzed: 09/21/12						
Antimony	131	5.0	mg/Kg wet	120		109	2.5-219.2	2.09	30	
Arsenic	169	5.0	mg/Kg wet	168		101	83.3-117.3	2.18	30	
Barium	219	5.0	mg/Kg wet	213		103	54.9-116.9	2.93	30	
Beryllium	115	0.50	mg/Kg wet	110		105	84.2-116.4	1.68	30	
Cadmium	103	0.50	mg/Kg wet	103		100	83.6-115.5	3.11	30	
Chromium	123	1.0	mg/Kg wet	119		104	81.6-117.6	2.57	30	
Lead	71.5	1.5	mg/Kg wet	76.9		93.0	81.3-118.7	1.94	30	
Nickel	67.4	1.0	mg/Kg wet	70.0		96.3	81.7-118.1	0.832	30	
Selenium	119	10	mg/Kg wet	126		94.4	80.2-120.6	0.509	30	
Silver	41.7	1.0	mg/Kg wet	42.3		98.6	66.4-133.8	4.19	30	
Thallium	209	5.0	mg/Kg wet	208		100	81.3-118.8	4.77	30	
Vanadium	98.7	2.0	mg/Kg wet	87.1		113	77.6-122.8	3.14	30	
Zinc	280	2.0	mg/Kg wet	276		101	82.2-117.8	2.10	30	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
L-14	Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria.
RL-07	Elevated reporting limit based on lowest point in calibration. MA CAM reporting limit not met.
S-03	Surrogate recovery outside of control limits due to suspected sample matrix interference.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-17	Internal standard area <50% of associated calibration standard internal standard area.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010C in Soil	
Antimony	CT,NH,NY,NC,ME
Arsenic	CT,NH,NY,ME,NC
Barium	CT,NH,NY,ME,NC
Beryllium	CT,NH,NY,ME,NC
Cadmium	CT,NH,NY,ME,NC
Chromium	CT,NH,NY,ME,NC
Lead	CT,NH,NY,AIHA,ME,NC
Nickel	CT,NH,NY,ME,NC
Selenium	CT,NH,NY,ME,NC
Silver	CT,NH,NY,ME,NC
Thallium	CT,NH,NY,ME,NC
Vanadium	CT,NH,NY,ME,NC
Zinc	CT,NH,NY,ME,NC
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME
SW-846 8260C in Soil	
Acetone	CT,NH,NY,ME
Acetone	CT,NH,NY,ME
Acetone	CT,NH,NY,ME
Benzene	CT,NH,NY,ME
Benzene	CT,NH,NY,ME
Benzene	CT,NH,NY,ME
Bromobenzene	NH,NY,ME
Bromobenzene	NH,NY,ME
Bromobenzene	NH,NY,ME
Bromochloromethane	NH,NY,ME
Bromochloromethane	NH,NY,ME
Bromochloromethane	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	CT,NH,NY,ME
n-Butylbenzene	CT,NH,NY,ME
n-Butylbenzene	CT,NH,NY,ME
sec-Butylbenzene	CT,NH,NY,ME
sec-Butylbenzene	CT,NH,NY,ME
sec-Butylbenzene	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
tert-Butylbenzene	CT,NH,NY,ME
tert-Butylbenzene	CT,NH,NY,ME
tert-Butylbenzene	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME
4-Chlorotoluene	CT,NH,NY,ME
4-Chlorotoluene	CT,NH,NY,ME
4-Chlorotoluene	CT,NH,NY,ME
Dibromomethane	NH,NY,ME
Dibromomethane	NH,NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NY,ME
Dichlorodifluoromethane (Freon 12)	NY,ME
Dichlorodifluoromethane (Freon 12)	NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethane	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	CT,NH,NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	NH,NY,ME
1,3-Dichloropropane	NH,NY,ME
1,3-Dichloropropane	NH,NY,ME
2,2-Dichloropropane	NH,NY,ME
2,2-Dichloropropane	NH,NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Hexachlorobutadiene	NH,NY,ME
Hexachlorobutadiene	NH,NY,ME
Hexachlorobutadiene	NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	CT,NH,NY,ME
p-Isopropyltoluene (p-Cymene)	NH,NY
p-Isopropyltoluene (p-Cymene)	NH,NY
p-Isopropyltoluene (p-Cymene)	NH,NY
Methylene Chloride	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
Methylene Chloride	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
Naphthalene	NH,NY,ME
Naphthalene	NH,NY,ME
Naphthalene	NH,NY,ME
n-Propylbenzene	NH,NY
n-Propylbenzene	NH,NY
n-Propylbenzene	NH,NY
Styrene	CT,NH,NY,ME
Styrene	CT,NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
1,2,3-Trichlorobenzene	ME
1,2,3-Trichlorobenzene	ME
1,2,4-Trichlorobenzene	NH,NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,4-Trimethylbenzene	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
1,2,4-Trimethylbenzene	CT,NH,NY,ME
1,2,4-Trimethylbenzene	CT,NH,NY,ME
1,3,5-Trimethylbenzene	CT,NH,NY,ME
1,3,5-Trimethylbenzene	CT,NH,NY,ME
1,3,5-Trimethylbenzene	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2013
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

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☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

12I0588

CHAIN-OF-CUSTODY RECORD 25953

Turnaround
☐ 1 Day* ☐ 2 Days* ☐ 3 Days* ☒ Standard (5 days) ☐ Other ____ (days)
*Surcharge Applies

Project Name	Project Location	Project Number	Laboratory
Nu-Style	Franklin MA	20050458F31	Con Test

Report To: Dave Foss
Invoice To: ↓
P.O. No.: 10282005 0458F30
Sampler's Signature: [signature] Date: 9/18/2012

Source Codes:
MW=Monitoring Well SW=Surface Water PW=Potable Water T=Treatment Facility S=Soil B=Sediment W=Waste A=Air
X=Other Trip Blank

Analysis Request: VOC-8260; CAM 14 Metals - 6010/7471

Containers: Soil VOA Vial, [X] methanol; Soil VOA Vial, [X] water; Glass Soil Container (8) oz; Glass Soil Container ( ) oz [ ] Na(SO₄)₂; Other; Water VOA Vial, [ ] As is [ ] HCl; Glass Amber ( ) ml, [ ] As is [ ] H₂SO₄; Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml; Plastic - H₂SO₄, [ ] 250 ml [ ] 500 ml; Plastic - HNO₃, 250 ml [ ] Filtered [ ] Unfiltered; Plastic - NaOH, 250 ml

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	VOC-8260	CAM 14 Metals - 6010/7471	Soil VOA Vial, methanol	Soil VOA Vial, water	Glass Soil Container (8) oz	Comments
1	✓	✓	✓		1028120918-01	S	9/18/12	0835	✓		1	2	1	
2	✓	✓	✓		02	↓	↓	1005	✓		1	2	1	
3	✓	✓	✓		03	↓	↓	1010	✓		1	2	1	
4	✓	✓	✓		04	↓	↓	1020	✓		1	2	1	
5	✓	✓	✓		05	↓	↓	1215		✓			1	
6	✓	✓	✓		06	↓	↓	1347	✓		1	2	1	
7	✓	✓	✓		07	↓	↓	1355	✓		1	2	1	
8	✓	✓	✓		08	↓	↓	1400	✓		1	2	1	
9	✓	✓	✓		09	↓	↓	1410	✓		1	2	1	
10	✓	✓	✓		10	X	↓	1430	✓		1			

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	Fridge	9/18/12	1645
2	Fridge	[signature]	9/19/12	1300
3	[signature]	[signature]	9/19/12	1306
4	[signature]	[signature]	9/19/12	1308

Reporting and Detection Limit Requirements: MassDEP S-1 GW-2/3 data cert req'd

Additional Comments:

09-19-12 17:21 IN

Kenn Miller 2.9C 9/19/12 16:35

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Sample Receipt Checklist

CLIENT NAME: Fuss & O'Neill RECEIVED BY: KKM DATE: 9/19/12

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included

2) Does the chain agree with the samples? Yes (No)
If not, explain: * see below

3) Are all the samples in good condition? (Yes) No
If not, explain:

4) How were the samples received:
On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank ______ Temperature °C by Temp gun 2.9

5) Are there Dissolved samples for the lab to filter? Yes (No)
Who was notified ______ Date ______ Time ______

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)
Who was notified ______ Date ______ Time ______

7) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature:

8) Do all samples have the proper Acid pH: Yes No (N/A)

9) Do all samples have the proper Base pH: Yes No (N/A)

10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz (amber)/clear jar	9
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	25	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments: * 3 vials not labeled; presumed to be 102812 0918-~~05~~ 04 KKM according to CoC.

40 mL vials: # HCl ______ # Methanol 9
Bisulfate ______ # DI Water 16
Thiosulfate ______ Unpreserved ______

Time and Date Frozen:
09-19-12 17:21 IN

Doc# 277
Rev. 3 May 2012

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 12I0588
Project Location: Nu-Style, Franklin MA	RTN:

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]

12I0588-01 thru 12I0588-10

Matrices: Soil

CAM Protocol (check all that below)

8260 VOC CAM II A (X)	7470/7471 Hg CAM IIIB (X)	MassDEP VPH CAM IV A ( )	8081 Pesticides CAM V B ( )	7196 Hex Cr CAM VI B ( )	MassDEP APH CAM IX A ( )
8270 SVOC CAM II B ( )	7010 Metals CAM III C ( )	MassDEP EPH CAM IV A ( )	8151 Herbicides CAM V C ( )	8330 Explosives CAM VIII A ( )	TO-15 VOC CAM IX B ( )
6010 Metals CAM III A (X)	6020 Metals CAM III D ( )	8082 PCB CAM V A ( )	9014 Total Cyanide/PAC CAM VI A ( )	6860 Perchlorate CAM VIII B ( )	

Affirmative response to Questions A throughF is required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	☑ Yes	☐ No[1]
B	Were the analytical method(s) and all associated QC requirements specificed in the selected CAM protocol(s) followed?	☑ Yes	☐ No[1]
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	☑ Yes	☐ No[1]
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, Quality Assurance and Quality Control Guidlines for the Acquisition and Reporting of Analytical Data?	☑ Yes	☐ No[1]
E a	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	☐ Yes	☐ No[1]
E b	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	☐ Yes	☐ No[1]
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all No responses to Qestions A through E)?	☑ Yes	☐ No[1]

A response to questions G, H and I below is required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	☐ Yes	☑ No[1]

<u>Data User Note:</u> Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.

H	Were all QC perfomance standards specified in the CAM protocol(s) achieved?	☐ Yes	☑ No[1]
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	☑ Yes	☐ No[1]

[1] *All Negative responses must be addressed in an attached Environmental Laboratory case narrative.*

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

Signature:  Position: Laboratory Director

Printed Name: Michael A. Erickson Date: 09/26/12

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January 16, 2013

David Foss
Fuss & O'Neill - Providence
317 Iron Horse Way, Suite 204
Providence, RI 02908

Project Location: Nu-Style, Franklin, MA
Client Job Number:
Project Number: 20050458.F31
Laboratory Work Order Number: 13A0224

Enclosed are results of analyses for samples received by the laboratory on January 9, 2013. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

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

Fuss & O'Neill - Providence
317 Iron Horse Way, Suite 204
Providence, RI 02908
ATTN: David Foss

REPORT DATE: 1/16/2013

PURCHASE ORDER NUMBER: 102820050458F31/303

PROJECT NUMBER: 20050458.F31

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 13A0224

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

PROJECT LOCATION: Nu-Style, Franklin, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
1028130108-01	13A0224-01	Soil		SM 2540G	
				SW-846 8260C	
1028130108-02	13A0224-02	Soil		SM 2540G	
				SW-846 8260C	
1028130108-03	13A0224-03	Trip Blank Soil		SW-846 8260C	

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CASE NARRATIVE SUMMARY

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

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

SW-846 8260C

Qualifications:

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

Analyte & Samples(s) Qualified:

Carbon Tetrachloride

B065926-BS1, B065926-BSD1

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

Analyte & Samples(s) Qualified:

Carbon Disulfide, Naphthalene, Tetrahydrofuran

B065919-BS1, B065926-BS1

Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria.

Analyte & Samples(s) Qualified:

Bromomethane, Dichlorodifluoromethane (Freon 12)

B065919-BS1, B065919-BSD1

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

Analyte & Samples(s) Qualified:

Bromomethane, Methylene Chloride, trans-1,2-Dichloroethylene

13A0224-03[1028130108-03], B065919-BLK1, B065919-BS1, B065919-BSD1

Elevated reporting limit based on lowest point in calibration.
MA CAM reporting limit not met.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane (DBCP), Bromoform, Carbon Disulfide, Methylene Chloride, Naphthalene

13A0224-03[1028130108-03]

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

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene, 2,2-Dichloropropane, Chlorodibromomethane, cis-1,3-Dichloropropene, Naphthalene, trans-1,3-Dichloropropene

13A0224-01[1028130108-01], 13A0224-02[1028130108-02], B065926-BLK1, B065926-BS1, B065926-BSD1, 13A0224-03[1028130108-03], B065919-BLK1, B065919-BS1, B065919-BSD1

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

Analyte & Samples(s) Qualified:

1,2-Dibromo-3-chloropropane (DBCP), 1,4-Dioxane, 2-Butanone (MEK), Acetone, Tetrahydrofuran

13A0224-01[1028130108-01], 13A0224-02[1028130108-02], B065926-BLK1, B065926-BS1, B065926-BSD1, 13A0224-03[1028130108-03], B065919-BLK1, B065919-BS1, B065919-BSD1

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

Analyte & Samples(s) Qualified:

1,4-Dioxane, 2,2-Dichloropropane, Bromochloromethane, Carbon Tetrachloride, Dichlorodifluoromethane (Freon 12)

B065926-BS1, B065926-BSD1

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

SW-846 8260C

Laboratory control sample recoveries for required MCP Data Enhancement 8260 compounds were all within limits specified by the method except for “difficult analytes” where recovery control limits of 40-160% are used and/or unless otherwise listed in this narrative. Difficult analytes: MIBK, MEK, acetone, 1,4-dioxane, chloromethane, dichlorodifluoromethane, 2-hexanone, and bromomethane.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin, MA | Sample Description: | Work Order: 13A0224

Date Received: 1/9/2013

Field Sample #: 1028130108-01 | Sampled: 1/8/2013 10:55

Sample ID: 13A0224-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.14	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 9:24	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
Benzene	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
Bromobenzene	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
Bromochloromethane	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
Bromodichloromethane	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
Bromoform	ND	0.014	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
Bromomethane	ND	0.014	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
2-Butanone (MEK)	ND	0.056	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 9:24	MFF
n-Butylbenzene	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
sec-Butylbenzene	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
tert-Butylbenzene	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
Carbon Disulfide	ND	0.0084	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
Carbon Tetrachloride	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
Chlorobenzene	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
Chlorodibromomethane	ND	0.014	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
Chloroethane	ND	0.014	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
Chloroform	ND	0.0056	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
Chloromethane	ND	0.014	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
2-Chlorotoluene	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
4-Chlorotoluene	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0056	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 9:24	MFF
1,2-Dibromoethane (EDB)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
Dibromomethane	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
1,2-Dichlorobenzene	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
1,3-Dichlorobenzene	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
1,4-Dichlorobenzene	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.014	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
1,1-Dichloroethane	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
1,2-Dichloroethane	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
1,1-Dichloroethylene	ND	0.0056	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
cis-1,2-Dichloroethylene	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
trans-1,2-Dichloroethylene	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
1,2-Dichloropropane	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
1,3-Dichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
2,2-Dichloropropane	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
1,1-Dichloropropene	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
cis-1,3-Dichloropropene	ND	0.014	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
trans-1,3-Dichloropropene	ND	0.014	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
Diethyl Ether	ND	0.014	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
Diisopropyl Ether (DIPE)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
1,4-Dioxane	ND	0.14	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 9:24	MFF
Ethylbenzene	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin, MA | Sample Description: | Work Order: 13A0224

Date Received: 1/9/2013

Field Sample #: 1028130108-01 | Sampled: 1/8/2013 10:55

Sample ID: 13A0224-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
2-Hexanone (MBK)	ND	0.028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
Isopropylbenzene (Cumene)	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0056	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
Methylene Chloride	ND	0.014	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
Naphthalene	ND	0.0056	mg/Kg dry	1	V-05	SW-846 8260C	1/10/13	1/10/13 9:24	MFF
n-Propylbenzene	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
Styrene	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
1,1,1,2-Tetrachloroethane	ND	0.014	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
1,1,2,2-Tetrachloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
Tetrachloroethylene	0.11	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
Tetrahydrofuran	ND	0.014	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 9:24	MFF
Toluene	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
1,2,3-Trichlorobenzene	ND	0.0028	mg/Kg dry	1	V-05	SW-846 8260C	1/10/13	1/10/13 9:24	MFF
1,2,4-Trichlorobenzene	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
1,1,1-Trichloroethane	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
1,1,2-Trichloroethane	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
Trichloroethylene	0.046	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
Trichlorofluoromethane (Freon 11)	ND	0.014	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
1,2,3-Trichloropropane	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
1,2,4-Trimethylbenzene	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
1,3,5-Trimethylbenzene	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
Vinyl Chloride	ND	0.014	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
m+p Xylene	ND	0.0056	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF
o-Xylene	ND	0.0028	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:24	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	90.0	70-130		1/10/13 9:24
Toluene-d8	99.1	70-130		1/10/13 9:24
4-Bromofluorobenzene	89.4	70-130		1/10/13 9:24

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

Project Location: Nu-Style, Franklin, MA | Sample Description: | Work Order: 13A0224

Date Received: 1/9/2013

Field Sample #: 1028130108-01 | Sampled: 1/8/2013 10:55

Sample ID: 13A0224-01

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.0		% Wt	1		SM 2540G	1/10/13	1/11/13 11:52	RH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin, MA | Sample Description: | Work Order: 13A0224

Date Received: 1/9/2013

Field Sample #: 1028130108-02 | Sampled: 1/8/2013 11:05

Sample ID: 13A0224-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.050	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 9:51	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00050	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
Benzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
Bromobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
Bromochloromethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
Bromodichloromethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
Bromoform	ND	0.0050	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
Bromomethane	ND	0.0050	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
2-Butanone (MEK)	ND	0.020	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 9:51	MFF
n-Butylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
sec-Butylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
tert-Butylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
Carbon Disulfide	ND	0.0030	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
Carbon Tetrachloride	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
Chlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
Chlorodibromomethane	ND	0.0050	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
Chloroethane	ND	0.0050	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
Chloroform	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
Chloromethane	ND	0.0050	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
2-Chlorotoluene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
4-Chlorotoluene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 9:51	MFF
1,2-Dibromoethane (EDB)	ND	0.00050	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
Dibromomethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
1,2-Dichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
1,3-Dichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
1,4-Dichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0050	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
1,1-Dichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
1,2-Dichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
1,1-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
cis-1,2-Dichloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
trans-1,2-Dichloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
1,2-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
1,3-Dichloropropane	ND	0.00050	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
2,2-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
1,1-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
cis-1,3-Dichloropropene	ND	0.0050	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
trans-1,3-Dichloropropene	ND	0.0050	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
Diethyl Ether	ND	0.0050	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
Diisopropyl Ether (DIPE)	ND	0.00050	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
1,4-Dioxane	ND	0.050	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 9:51	MFF
Ethylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Nu-Style, Franklin, MA | Sample Description: | Work Order: 13A0224

Date Received: 1/9/2013

Field Sample #: 1028130108-02 | Sampled: 1/8/2013 11:05

Sample ID: 13A0224-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
2-Hexanone (MBK)	ND	0.010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
Isopropylbenzene (Cumene)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
Methylene Chloride	ND	0.0050	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
Naphthalene	ND	0.0020	mg/Kg dry	1	V-05	SW-846 8260C	1/10/13	1/10/13 9:51	MFF
n-Propylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
Styrene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
1,1,2,2-Tetrachloroethane	ND	0.00050	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
Tetrachloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
Tetrahydrofuran	ND	0.0050	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 9:51	MFF
Toluene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
1,2,3-Trichlorobenzene	ND	0.0010	mg/Kg dry	1	V-05	SW-846 8260C	1/10/13	1/10/13 9:51	MFF
1,2,4-Trichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
1,1,1-Trichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
1,1,2-Trichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
Trichloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0050	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
1,2,3-Trichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
1,2,4-Trimethylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
1,3,5-Trimethylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
Vinyl Chloride	ND	0.0050	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
m+p Xylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF
o-Xylene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 9:51	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	91.1	70-130		1/10/13 9:51
Toluene-d8	100	70-130		1/10/13 9:51
4-Bromofluorobenzene	94.6	70-130		1/10/13 9:51

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

Project Location: Nu-Style, Franklin, MA | Sample Description: | Work Order: 13A0224

Date Received: 1/9/2013

Field Sample #: 1028130108-02 | Sampled: 1/8/2013 11:05

Sample ID: 13A0224-02

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.8		% Wt	1		SM 2540G	1/10/13	1/11/13 11:52	RH

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

Project Location: Nu-Style, Franklin, MA | Sample Description: | Work Order: 13A0224

Date Received: 1/9/2013

Field Sample #: 1028130108-03 | Sampled: 1/8/2013 11:15

Sample ID: 13A0224-03

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	2.5	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.025	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
Benzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
Bromobenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
Bromochloromethane	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
Bromodichloromethane	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
Bromoform	ND	0.25	mg/Kg wet	1	RL-07	SW-846 8260C	1/10/13	1/10/13 6:58	MFF
Bromomethane	ND	0.10	mg/Kg wet	1	R-05	SW-846 8260C	1/10/13	1/10/13 6:58	MFF
2-Butanone (MEK)	ND	1.0	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
n-Butylbenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
sec-Butylbenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
tert-Butylbenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.025	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
Carbon Disulfide	ND	0.50	mg/Kg wet	1	RL-07	SW-846 8260C	1/10/13	1/10/13 6:58	MFF
Carbon Tetrachloride	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
Chlorobenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
Chlorodibromomethane	ND	0.10	mg/Kg wet	1	V-05	SW-846 8260C	1/10/13	1/10/13 6:58	MFF
Chloroethane	ND	0.10	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
Chloroform	ND	0.10	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
Chloromethane	ND	0.10	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
2-Chlorotoluene	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
4-Chlorotoluene	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.25	mg/Kg wet	1	RL-07	SW-846 8260C	1/10/13	1/10/13 6:58	MFF
1,2-Dibromoethane (EDB)	ND	0.025	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
Dibromomethane	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
1,2-Dichlorobenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
1,3-Dichlorobenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
1,4-Dichlorobenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
1,1-Dichloroethane	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
1,2-Dichloroethane	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
1,1-Dichloroethylene	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
trans-1,2-Dichloroethylene	ND	0.050	mg/Kg wet	1	R-05	SW-846 8260C	1/10/13	1/10/13 6:58	MFF
1,2-Dichloropropane	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
1,3-Dichloropropane	ND	0.025	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
2,2-Dichloropropane	ND	0.050	mg/Kg wet	1	V-05	SW-846 8260C	1/10/13	1/10/13 6:58	MFF
1,1-Dichloropropene	ND	0.10	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
cis-1,3-Dichloropropene	ND	0.050	mg/Kg wet	1	V-05	SW-846 8260C	1/10/13	1/10/13 6:58	MFF
trans-1,3-Dichloropropene	ND	0.10	mg/Kg wet	1	V-05	SW-846 8260C	1/10/13	1/10/13 6:58	MFF
Diethyl Ether	ND	0.10	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
Diisopropyl Ether (DIPE)	ND	0.025	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
1,4-Dioxane	ND	2.5	mg/Kg wet	1	V-16	SW-846 8260C	1/10/13	1/10/13 6:58	MFF
Ethylbenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF

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

Project Location: Nu-Style, Franklin, MA | Sample Description: | Work Order: 13A0224

Date Received: 1/9/2013

Field Sample #: 1028130108-03 | Sampled: 1/8/2013 11:15

Sample ID: 13A0224-03

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
2-Hexanone (MBK)	ND	0.50	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
Isopropylbenzene (Cumene)	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
Methylene Chloride	ND	0.25	mg/Kg wet	1	R-05, RL-07	SW-846 8260C	1/10/13	1/10/13 6:58	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.50	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
Naphthalene	ND	0.25	mg/Kg wet	1	RL-07	SW-846 8260C	1/10/13	1/10/13 6:58	MFF
n-Propylbenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
Styrene	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
1,1,1,2-Tetrachloroethane	ND	0.10	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
Tetrachloroethylene	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
Tetrahydrofuran	ND	0.20	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
Toluene	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
1,2,3-Trichlorobenzene	ND	0.25	mg/Kg wet	1	RL-07	SW-846 8260C	1/10/13	1/10/13 6:58	MFF
1,2,4-Trichlorobenzene	ND	0.25	mg/Kg wet	1	RL-07	SW-846 8260C	1/10/13	1/10/13 6:58	MFF
1,1,1-Trichloroethane	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
1,1,2-Trichloroethane	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
Trichloroethylene	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
1,2,4-Trimethylbenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
1,3,5-Trimethylbenzene	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
Vinyl Chloride	ND	0.10	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
m+p Xylene	ND	0.10	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF
o-Xylene	ND	0.050	mg/Kg wet	1		SW-846 8260C	1/10/13	1/10/13 6:58	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	101	70-130		1/10/13 6:58
Toluene-d8	95.8	70-130		1/10/13 6:58
4-Bromofluorobenzene	101	70-130		1/10/13 6:58

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
13A0224-01 [1028130108-01]	B065915	01/10/13
13A0224-02 [1028130108-02]	B065915	01/10/13

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
13A0224-03 [1028130108-03]	B065919	15.0	15.0	1	50	01/10/13

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
13A0224-01 [1028130108-01]	B065926	3.96	10.0	01/10/13
13A0224-02 [1028130108-02]	B065926	10.4	10.0	01/10/13

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B065919 - SW-846 5035										
Blank (B065919-BLK1)				Prepared & Analyzed: 01/09/13						
Acetone	ND	2.5	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.025	mg/Kg wet							
Benzene	ND	0.050	mg/Kg wet							
Bromobenzene	ND	0.050	mg/Kg wet							
Bromochloromethane	ND	0.050	mg/Kg wet							
Bromodichloromethane	ND	0.050	mg/Kg wet							
Bromoform	ND	0.25	mg/Kg wet							
Bromomethane	ND	0.10	mg/Kg wet							R-05
2-Butanone (MEK)	ND	1.0	mg/Kg wet							
n-Butylbenzene	ND	0.050	mg/Kg wet							
sec-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.025	mg/Kg wet							
Carbon Disulfide	ND	0.50	mg/Kg wet							
Carbon Tetrachloride	ND	0.050	mg/Kg wet							
Chlorobenzene	ND	0.050	mg/Kg wet							
Chlorodibromomethane	ND	0.10	mg/Kg wet							V-05
Chloroethane	ND	0.10	mg/Kg wet							
Chloroform	ND	0.10	mg/Kg wet							
Chloromethane	ND	0.10	mg/Kg wet							
2-Chlorotoluene	ND	0.050	mg/Kg wet							
4-Chlorotoluene	ND	0.050	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.25	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.025	mg/Kg wet							
Dibromomethane	ND	0.050	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.050	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet							
1,1-Dichloroethane	ND	0.050	mg/Kg wet							
1,2-Dichloroethane	ND	0.050	mg/Kg wet							
1,1-Dichloroethylene	ND	0.050	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							R-05
1,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,3-Dichloropropane	ND	0.025	mg/Kg wet							
2,2-Dichloropropane	ND	0.050	mg/Kg wet							V-05
1,1-Dichloropropene	ND	0.10	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.050	mg/Kg wet							V-05
trans-1,3-Dichloropropene	ND	0.10	mg/Kg wet							V-05
Diethyl Ether	ND	0.10	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.025	mg/Kg wet							
1,4-Dioxane	ND	2.5	mg/Kg wet							V-16
Ethylbenzene	ND	0.050	mg/Kg wet							
Hexachlorobutadiene	ND	0.050	mg/Kg wet							
2-Hexanone (MBK)	ND	0.50	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.050	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.050	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet							
Methylene Chloride	ND	0.25	mg/Kg wet							R-05
4-Methyl-2-pentanone (MIBK)	ND	0.50	mg/Kg wet							
Naphthalene	ND	0.25	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B065919 - SW-846 5035												
Blank (B065919-BLK1)				Prepared & Analyzed: 01/09/13								
n-Propylbenzene	ND	0.050	mg/Kg wet									
Styrene	ND	0.050	mg/Kg wet									
1,1,1,2-Tetrachloroethane	ND	0.10	mg/Kg wet									
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet									
Tetrachloroethylene	ND	0.050	mg/Kg wet									
Tetrahydrofuran	ND	0.20	mg/Kg wet									
Toluene	ND	0.050	mg/Kg wet									
1,2,3-Trichlorobenzene	ND	0.25	mg/Kg wet									
1,2,4-Trichlorobenzene	ND	0.25	mg/Kg wet									
1,1,1-Trichloroethane	ND	0.050	mg/Kg wet									
1,1,2-Trichloroethane	ND	0.050	mg/Kg wet									
Trichloroethylene	ND	0.050	mg/Kg wet									
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet									
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet									
1,2,4-Trimethylbenzene	ND	0.050	mg/Kg wet									
1,3,5-Trimethylbenzene	ND	0.050	mg/Kg wet									
Vinyl Chloride	ND	0.10	mg/Kg wet									
m+p Xylene	ND	0.10	mg/Kg wet									
o-Xylene	ND	0.050	mg/Kg wet									
Surrogate: 1,2-Dichloroethane-d4	*0.0258*		mg/Kg wet	0.0250		103		70-130				
Surrogate: Toluene-d8	*0.0245*		mg/Kg wet	0.0250		98.0		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0247*		mg/Kg wet	0.0250		98.9		70-130				
LCS (B065919-BS1)				Prepared & Analyzed: 01/09/13								
Acetone	0.0878	0.057	mg/Kg wet	0.113		77.4		40-160				†
tert-Amyl Methyl Ether (TAME)	0.0108	0.00057	mg/Kg wet	0.0113		95.5		70-130				
Benzene	0.0132	0.0011	mg/Kg wet	0.0113		116		70-130				
Bromobenzene	0.0130	0.0011	mg/Kg wet	0.0113		115		70-130				
Bromochloromethane	0.0134	0.0011	mg/Kg wet	0.0113		119		70-130				
Bromodichloromethane	0.0117	0.0011	mg/Kg wet	0.0113		104		70-130				
Bromoform	0.0102	0.0057	mg/Kg wet	0.0113		90.3		70-130				
Bromomethane	0.00560	0.0023	mg/Kg wet	0.0113		49.4		40-160			L-14, R-05	†
2-Butanone (MEK)	0.119	0.023	mg/Kg wet	0.113		105		40-160				†
n-Butylbenzene	0.0127	0.0011	mg/Kg wet	0.0113		112		70-130				
sec-Butylbenzene	0.0127	0.0011	mg/Kg wet	0.0113		112		70-130				
tert-Butylbenzene	0.0124	0.0011	mg/Kg wet	0.0113		109		70-130				
tert-Butyl Ethyl Ether (TBEE)	0.0117	0.00057	mg/Kg wet	0.0113		103		70-130				
Carbon Disulfide	0.00776	0.011	mg/Kg wet	0.0113		**68.5**	*	70-130			L-07	
Carbon Tetrachloride	0.0110	0.0011	mg/Kg wet	0.0113		97.0		70-130				
Chlorobenzene	0.0130	0.0011	mg/Kg wet	0.0113		114		70-130				
Chlorodibromomethane	0.00932	0.0023	mg/Kg wet	0.0113		82.2		70-130			V-05	
Chloroethane	0.0103	0.0023	mg/Kg wet	0.0113		90.7		70-130				
Chloroform	0.0124	0.0023	mg/Kg wet	0.0113		110		70-130				
Chloromethane	0.00947	0.0023	mg/Kg wet	0.0113		83.6		40-160				†
2-Chlorotoluene	0.0121	0.0011	mg/Kg wet	0.0113		107		70-130				
4-Chlorotoluene	0.0125	0.0011	mg/Kg wet	0.0113		111		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0109	0.0057	mg/Kg wet	0.0113		96.5		70-130				
1,2-Dibromoethane (EDB)	0.0125	0.00057	mg/Kg wet	0.0113		110		70-130				
Dibromomethane	0.0131	0.0011	mg/Kg wet	0.0113		116		70-130				
1,2-Dichlorobenzene	0.0129	0.0011	mg/Kg wet	0.0113		114		70-130				
1,3-Dichlorobenzene	0.0127	0.0011	mg/Kg wet	0.0113		112		70-130				
1,4-Dichlorobenzene	0.0132	0.0011	mg/Kg wet	0.0113		116		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B065919 - SW-846 5035											
LCS (B065919-BS1)				Prepared & Analyzed: 01/09/13							
Dichlorodifluoromethane (Freon 12)	0.00742	0.0023	mg/Kg wet	0.0113		65.5	40-160			L-14	†
1,1-Dichloroethane	0.0134	0.0011	mg/Kg wet	0.0113		118	70-130				
1,2-Dichloroethane	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130				
1,1-Dichloroethylene	0.0104	0.0011	mg/Kg wet	0.0113		92.0	70-130				
cis-1,2-Dichloroethylene	0.0123	0.0011	mg/Kg wet	0.0113		109	70-130				
trans-1,2-Dichloroethylene	0.0133	0.0011	mg/Kg wet	0.0113		117	70-130			R-05	
1,2-Dichloropropane	0.0132	0.0011	mg/Kg wet	0.0113		117	70-130				
1,3-Dichloropropane	0.0128	0.00057	mg/Kg wet	0.0113		113	70-130				
2,2-Dichloropropane	0.00855	0.0011	mg/Kg wet	0.0113		75.4	70-130			V-05	
1,1-Dichloropropene	0.0129	0.0023	mg/Kg wet	0.0113		114	70-130				
cis-1,3-Dichloropropene	0.00892	0.0011	mg/Kg wet	0.0113		78.7	70-130			V-05	
trans-1,3-Dichloropropene	0.00881	0.0023	mg/Kg wet	0.0113		77.7	70-130			V-05	
Diethyl Ether	0.00992	0.0023	mg/Kg wet	0.0113		87.5	70-130				
Diisopropyl Ether (DIPE)	0.0146	0.00057	mg/Kg wet	0.0113		129	70-130				
1,4-Dioxane	0.118	0.057	mg/Kg wet	0.113		104	40-160			V-16	†
Ethylbenzene	0.0133	0.0011	mg/Kg wet	0.0113		117	70-130				
Hexachlorobutadiene	0.0127	0.0011	mg/Kg wet	0.0113		112	70-130				
2-Hexanone (MBK)	0.119	0.011	mg/Kg wet	0.113		105	40-160				†
Isopropylbenzene (Cumene)	0.0123	0.0011	mg/Kg wet	0.0113		109	70-130				
p-Isopropyltoluene (p-Cymene)	0.0134	0.0011	mg/Kg wet	0.0113		118	70-130				
Methyl tert-Butyl Ether (MTBE)	0.0123	0.0011	mg/Kg wet	0.0113		109	70-130				
Methylene Chloride	0.0130	0.0057	mg/Kg wet	0.0113		115	70-130			R-05	
4-Methyl-2-pentanone (MIBK)	0.122	0.011	mg/Kg wet	0.113		108	40-160				†
Naphthalene	0.00984	0.0057	mg/Kg wet	0.0113		86.8	70-130				
n-Propylbenzene	0.0125	0.0011	mg/Kg wet	0.0113		110	70-130				
Styrene	0.0127	0.0011	mg/Kg wet	0.0113		112	70-130				
1,1,1,2-Tetrachloroethane	0.0114	0.0023	mg/Kg wet	0.0113		101	70-130				
1,1,2,2-Tetrachloroethane	0.0131	0.00057	mg/Kg wet	0.0113		115	70-130				
Tetrachloroethylene	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130				
Tetrahydrofuran	0.0130	0.0045	mg/Kg wet	0.0113		115	70-130				
Toluene	0.0124	0.0011	mg/Kg wet	0.0113		109	70-130				
1,2,3-Trichlorobenzene	0.00974	0.0057	mg/Kg wet	0.0113		85.9	70-130				
1,2,4-Trichlorobenzene	0.0101	0.0057	mg/Kg wet	0.0113		89.4	70-130				
1,1,1-Trichloroethane	0.0115	0.0011	mg/Kg wet	0.0113		101	70-130				
1,1,2-Trichloroethane	0.0130	0.0011	mg/Kg wet	0.0113		115	70-130				
Trichloroethylene	0.0123	0.0011	mg/Kg wet	0.0113		109	70-130				
Trichlorofluoromethane (Freon 11)	0.0115	0.0023	mg/Kg wet	0.0113		102	70-130				
1,2,3-Trichloropropane	0.0127	0.0023	mg/Kg wet	0.0113		112	70-130				
1,2,4-Trimethylbenzene	0.0132	0.0011	mg/Kg wet	0.0113		117	70-130				
1,3,5-Trimethylbenzene	0.0124	0.0011	mg/Kg wet	0.0113		109	70-130				
Vinyl Chloride	0.00852	0.0023	mg/Kg wet	0.0113		75.2	70-130				
m+p Xylene	0.0263	0.0023	mg/Kg wet	0.0227		116	70-130				
o-Xylene	0.0128	0.0011	mg/Kg wet	0.0113		113	70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0282*		mg/Kg wet	0.0250		113	70-130				
Surrogate: Toluene-d8	*0.0282*		mg/Kg wet	0.0250		113	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0288*		mg/Kg wet	0.0250		115	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD		RPD Limit	Notes	
Batch B065919 - SW-846 5035												
LCS Dup (B065919-BSD1)				Prepared & Analyzed: 01/09/13								
Acetone	0.107	0.057	mg/Kg wet	0.113		94.1	40-160	19.4		20		†
tert-Amyl Methyl Ether (TAME)	0.0109	0.00057	mg/Kg wet	0.0113		96.4	70-130	0.938		20		
Benzene	0.0129	0.0011	mg/Kg wet	0.0113		114	70-130	2.17		20		
Bromobenzene	0.0132	0.0011	mg/Kg wet	0.0113		117	70-130	1.38		20		
Bromochloromethane	0.0133	0.0011	mg/Kg wet	0.0113		117	70-130	1.02		20		
Bromodichloromethane	0.0112	0.0011	mg/Kg wet	0.0113		99.2	70-130	4.24		20		
Bromoform	0.0102	0.0057	mg/Kg wet	0.0113		90.0	70-130	0.333		20		
Bromomethane	0.00726	0.0023	mg/Kg wet	0.0113		64.1	40-160	**25.9**	*	20	L-14, R-05	†
2-Butanone (MEK)	0.124	0.023	mg/Kg wet	0.113		109	40-160	3.46		20		†
n-Butylbenzene	0.0123	0.0011	mg/Kg wet	0.0113		108	70-130	3.36		20		
sec-Butylbenzene	0.0123	0.0011	mg/Kg wet	0.0113		108	70-130	3.63		20		
tert-Butylbenzene	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130	3.45		20		
tert-Butyl Ethyl Ether (TBEE)	0.0119	0.00057	mg/Kg wet	0.0113		105	70-130	1.54		20		
Carbon Disulfide	0.00899	0.011	mg/Kg wet	0.0113		79.3	70-130	14.6		20		
Carbon Tetrachloride	0.0104	0.0011	mg/Kg wet	0.0113		91.8	70-130	5.51		20		
Chlorobenzene	0.0127	0.0011	mg/Kg wet	0.0113		112	70-130	1.85		20		
Chlorodibromomethane	0.00919	0.0023	mg/Kg wet	0.0113		81.1	70-130	1.35		20	V-05	
Chloroethane	0.0114	0.0023	mg/Kg wet	0.0113		100	70-130	10.2		20		
Chloroform	0.0123	0.0023	mg/Kg wet	0.0113		108	70-130	1.19		20		
Chloromethane	0.00938	0.0023	mg/Kg wet	0.0113		82.8	40-160	0.962		20		†
2-Chlorotoluene	0.0122	0.0011	mg/Kg wet	0.0113		108	70-130	0.838		20		
4-Chlorotoluene	0.0127	0.0011	mg/Kg wet	0.0113		112	70-130	0.899		20		
1,2-Dibromo-3-chloropropane (DBCP)	0.0111	0.0057	mg/Kg wet	0.0113		97.7	70-130	1.24		20		
1,2-Dibromoethane (EDB)	0.0124	0.00057	mg/Kg wet	0.0113		109	70-130	1.09		20		
Dibromomethane	0.0127	0.0011	mg/Kg wet	0.0113		112	70-130	3.07		20		
1,2-Dichlorobenzene	0.0127	0.0011	mg/Kg wet	0.0113		112	70-130	0.974		20		
1,3-Dichlorobenzene	0.0125	0.0011	mg/Kg wet	0.0113		111	70-130	1.43		20		
1,4-Dichlorobenzene	0.0129	0.0011	mg/Kg wet	0.0113		114	70-130	2.17		20		
Dichlorodifluoromethane (Freon 12)	0.00702	0.0023	mg/Kg wet	0.0113		61.9	40-160	5.65		20	L-14	†
1,1-Dichloroethane	0.0131	0.0011	mg/Kg wet	0.0113		116	70-130	1.71		20		
1,2-Dichloroethane	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130	0.0952		20		
1,1-Dichloroethylene	0.0117	0.0011	mg/Kg wet	0.0113		103	70-130	11.4		20		
cis-1,2-Dichloroethylene	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130	2.89		20		
trans-1,2-Dichloroethylene	0.0103	0.0011	mg/Kg wet	0.0113		90.5	70-130	**25.6**	*	20	R-05	
1,2-Dichloropropane	0.0127	0.0011	mg/Kg wet	0.0113		112	70-130	4.37		20		
1,3-Dichloropropane	0.0128	0.00057	mg/Kg wet	0.0113		113	70-130	0.266		20		
2,2-Dichloropropane	0.00809	0.0011	mg/Kg wet	0.0113		71.4	70-130	5.45		20	V-05	
1,1-Dichloropropene	0.0123	0.0023	mg/Kg wet	0.0113		109	70-130	4.14		20		
cis-1,3-Dichloropropene	0.00873	0.0011	mg/Kg wet	0.0113		77.0	70-130	2.18		20	V-05	
trans-1,3-Dichloropropene	0.00870	0.0023	mg/Kg wet	0.0113		76.8	70-130	1.17		20	V-05	
Diethyl Ether	0.0119	0.0023	mg/Kg wet	0.0113		105	70-130	18.2		20		
Diisopropyl Ether (DIPE)	0.0146	0.00057	mg/Kg wet	0.0113		128	70-130	0.233		20		
1,4-Dioxane	0.123	0.057	mg/Kg wet	0.113		108	40-160	4.10		20	V-16	†
Ethylbenzene	0.0128	0.0011	mg/Kg wet	0.0113		113	70-130	3.38		20		
Hexachlorobutadiene	0.0129	0.0011	mg/Kg wet	0.0113		114	70-130	1.41		20		
2-Hexanone (MBK)	0.125	0.011	mg/Kg wet	0.113		110	40-160	4.13		20		†
Isopropylbenzene (Cumene)	0.0121	0.0011	mg/Kg wet	0.0113		107	70-130	1.58		20		
p-Isopropyltoluene (p-Cymene)	0.0132	0.0011	mg/Kg wet	0.0113		116	70-130	1.54		20		
Methyl tert-Butyl Ether (MTBE)	0.0109	0.0011	mg/Kg wet	0.0113		96.4	70-130	11.8		20		
Methylene Chloride	0.00961	0.0057	mg/Kg wet	0.0113		84.8	70-130	**30.3**	*	20	R-05	
4-Methyl-2-pentanone (MIBK)	0.126	0.011	mg/Kg wet	0.113		111	40-160	3.04		20		†
Naphthalene	0.0105	0.0057	mg/Kg wet	0.0113		92.3	70-130	6.14		20		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B065919 - SW-846 5035										
LCS Dup (B065919-BSD1)				Prepared & Analyzed: 01/09/13						
n-Propylbenzene	0.0124	0.0011	mg/Kg wet	0.0113		110	70-130	0.818	20	
Styrene	0.0125	0.0011	mg/Kg wet	0.0113		110	70-130	1.26	20	
1,1,1,2-Tetrachloroethane	0.0114	0.0023	mg/Kg wet	0.0113		100	70-130	0.497	20	
1,1,2,2-Tetrachloroethane	0.0137	0.00057	mg/Kg wet	0.0113		121	70-130	4.90	20	
Tetrachloroethylene	0.0113	0.0011	mg/Kg wet	0.0113		99.9	70-130	4.69	20	
Tetrahydrofuran	0.0139	0.0045	mg/Kg wet	0.0113		122	70-130	6.15	20	
Toluene	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130	3.44	20	
1,2,3-Trichlorobenzene	0.0105	0.0057	mg/Kg wet	0.0113		93.0	70-130	7.94	20	
1,2,4-Trichlorobenzene	0.0104	0.0057	mg/Kg wet	0.0113		92.2	70-130	3.08	20	
1,1,1-Trichloroethane	0.0109	0.0011	mg/Kg wet	0.0113		96.0	70-130	5.18	20	
1,1,2-Trichloroethane	0.0128	0.0011	mg/Kg wet	0.0113		113	70-130	1.84	20	
Trichloroethylene	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130	2.99	20	
Trichlorofluoromethane (Freon 11)	0.0120	0.0023	mg/Kg wet	0.0113		106	70-130	3.57	20	
1,2,3-Trichloropropane	0.0130	0.0023	mg/Kg wet	0.0113		115	70-130	2.11	20	
1,2,4-Trimethylbenzene	0.0128	0.0011	mg/Kg wet	0.0113		112	70-130	3.66	20	
1,3,5-Trimethylbenzene	0.0123	0.0011	mg/Kg wet	0.0113		108	70-130	1.10	20	
Vinyl Chloride	0.00883	0.0023	mg/Kg wet	0.0113		77.9	70-130	3.53	20	
m+p Xylene	0.0258	0.0023	mg/Kg wet	0.0227		114	70-130	1.70	20	
o-Xylene	0.0126	0.0011	mg/Kg wet	0.0113		111	70-130	1.69	20	
Surrogate: 1,2-Dichloroethane-d4	*0.0280*		mg/Kg wet	0.0250		112	70-130			
Surrogate: Toluene-d8	*0.0279*		mg/Kg wet	0.0250		112	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0293*		mg/Kg wet	0.0250		117	70-130			
Batch B065926 - SW-846 5035										
Blank (B065926-BLK1)				Prepared & Analyzed: 01/10/13						
Acetone	ND	0.10	mg/Kg wet							V-16
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.010	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							V-16
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.0020	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.010	mg/Kg wet							
Chloroethane	ND	0.010	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0040	mg/Kg wet							V-16
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B065926 - SW-846 5035										
Blank (B065926-BLK1)			Prepared & Analyzed: 01/10/13							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.010	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.010	mg/Kg wet							
Diethyl Ether	ND	0.010	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.010	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							V-05
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.010	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							V-05
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	*0.0438*		mg/Kg wet	0.0500		87.6	70-130			
Surrogate: Toluene-d8	*0.0495*		mg/Kg wet	0.0500		99.0	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0469*		mg/Kg wet	0.0500		93.7	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B065926 - SW-846 5035												
LCS (B065926-BS1)				Prepared & Analyzed: 01/10/13								
Acetone	0.162	0.10	mg/Kg wet	0.200		81.1		40-160			V-16	†
tert-Amyl Methyl Ether (TAME)	0.0194	0.0010	mg/Kg wet	0.0200		97.1		70-130				
Benzene	0.0211	0.0020	mg/Kg wet	0.0200		105		70-130				
Bromobenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.6		70-130				
Bromochloromethane	0.0254	0.0020	mg/Kg wet	0.0200		127		70-130			V-20	
Bromodichloromethane	0.0195	0.0020	mg/Kg wet	0.0200		97.7		70-130				
Bromoform	0.0202	0.010	mg/Kg wet	0.0200		101		70-130				
Bromomethane	0.0153	0.010	mg/Kg wet	0.0200		76.3		40-160				†
2-Butanone (MEK)	0.187	0.040	mg/Kg wet	0.200		93.3		40-160			V-16	†
n-Butylbenzene	0.0204	0.0020	mg/Kg wet	0.0200		102		70-130				
sec-Butylbenzene	0.0218	0.0020	mg/Kg wet	0.0200		109		70-130				
tert-Butylbenzene	0.0212	0.0020	mg/Kg wet	0.0200		106		70-130				
tert-Butyl Ethyl Ether (TBEE)	0.0200	0.0020	mg/Kg wet	0.0200		100		70-130				
Carbon Disulfide	0.0190	0.0060	mg/Kg wet	0.0200		95.2		70-130				
Carbon Tetrachloride	0.0300	0.0020	mg/Kg wet	0.0200		**150**	*	70-130			L-02, V-20	
Chlorobenzene	0.0201	0.0020	mg/Kg wet	0.0200		100		70-130				
Chlorodibromomethane	0.0196	0.010	mg/Kg wet	0.0200		98.1		70-130				
Chloroethane	0.0194	0.010	mg/Kg wet	0.0200		97.0		70-130				
Chloroform	0.0207	0.0040	mg/Kg wet	0.0200		104		70-130				
Chloromethane	0.0201	0.010	mg/Kg wet	0.0200		100		40-160				†
2-Chlorotoluene	0.0193	0.0020	mg/Kg wet	0.0200		96.6		70-130				
4-Chlorotoluene	0.0192	0.0020	mg/Kg wet	0.0200		96.0		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0192	0.0040	mg/Kg wet	0.0200		96.1		70-130			V-16	
1,2-Dibromoethane (EDB)	0.0221	0.0010	mg/Kg wet	0.0200		111		70-130				
Dibromomethane	0.0203	0.0020	mg/Kg wet	0.0200		102		70-130				
1,2-Dichlorobenzene	0.0196	0.0020	mg/Kg wet	0.0200		98.2		70-130				
1,3-Dichlorobenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.7		70-130				
1,4-Dichlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		100		70-130				
Dichlorodifluoromethane (Freon 12)	0.0161	0.010	mg/Kg wet	0.0200		80.6		40-160			V-20	†
1,1-Dichloroethane	0.0199	0.0020	mg/Kg wet	0.0200		99.7		70-130				
1,2-Dichloroethane	0.0180	0.0020	mg/Kg wet	0.0200		90.0		70-130				
1,1-Dichloroethylene	0.0182	0.0040	mg/Kg wet	0.0200		90.9		70-130				
cis-1,2-Dichloroethylene	0.0212	0.0020	mg/Kg wet	0.0200		106		70-130				
trans-1,2-Dichloroethylene	0.0213	0.0020	mg/Kg wet	0.0200		106		70-130				
1,2-Dichloropropane	0.0190	0.0020	mg/Kg wet	0.0200		95.0		70-130				
1,3-Dichloropropane	0.0198	0.0010	mg/Kg wet	0.0200		99.1		70-130				
2,2-Dichloropropane	0.0249	0.0020	mg/Kg wet	0.0200		125		70-130			V-20	
1,1-Dichloropropene	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130				
cis-1,3-Dichloropropene	0.0179	0.010	mg/Kg wet	0.0200		89.4		70-130				
trans-1,3-Dichloropropene	0.0188	0.010	mg/Kg wet	0.0200		94.0		70-130				
Diethyl Ether	0.0198	0.010	mg/Kg wet	0.0200		99.1		70-130				
Diisopropyl Ether (DIPE)	0.0217	0.0010	mg/Kg wet	0.0200		109		70-130				
1,4-Dioxane	0.215	0.10	mg/Kg wet	0.200		107		40-160			V-16, V-20	†
Ethylbenzene	0.0201	0.0020	mg/Kg wet	0.0200		100		70-130				
Hexachlorobutadiene	0.0215	0.0020	mg/Kg wet	0.0200		107		70-130				
2-Hexanone (MBK)	0.177	0.020	mg/Kg wet	0.200		88.3		40-160				†
Isopropylbenzene (Cumene)	0.0205	0.0020	mg/Kg wet	0.0200		103		70-130				
p-Isopropyltoluene (p-Cymene)	0.0220	0.0020	mg/Kg wet	0.0200		110		70-130				
Methyl tert-Butyl Ether (MTBE)	0.0205	0.0040	mg/Kg wet	0.0200		102		70-130				
Methylene Chloride	0.0162	0.010	mg/Kg wet	0.0200		80.9		70-130				
4-Methyl-2-pentanone (MIBK)	0.185	0.020	mg/Kg wet	0.200		92.6		40-160				†
Naphthalene	0.0134	0.0040	mg/Kg wet	0.0200		**66.8**	*	70-130			L-07, V-05	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B065926 - SW-846 5035												
LCS (B065926-BS1)				Prepared & Analyzed: 01/10/13								
n-Propylbenzene	0.0204	0.0020	mg/Kg wet	0.0200		102		70-130				
Styrene	0.0195	0.0020	mg/Kg wet	0.0200		97.7		70-130				
1,1,1,2-Tetrachloroethane	0.0201	0.010	mg/Kg wet	0.0200		100		70-130				
1,1,2,2-Tetrachloroethane	0.0201	0.0010	mg/Kg wet	0.0200		100		70-130				
Tetrachloroethylene	0.0213	0.0020	mg/Kg wet	0.0200		106		70-130				
Tetrahydrofuran	0.0279	0.010	mg/Kg wet	0.0200		**139**	*	70-130			L-07, V-16	
Toluene	0.0192	0.0020	mg/Kg wet	0.0200		95.9		70-130				
1,2,3-Trichlorobenzene	0.0159	0.0020	mg/Kg wet	0.0200		79.7		70-130			V-05	
1,2,4-Trichlorobenzene	0.0163	0.0020	mg/Kg wet	0.0200		81.5		70-130				
1,1,1-Trichloroethane	0.0217	0.0020	mg/Kg wet	0.0200		109		70-130				
1,1,2-Trichloroethane	0.0202	0.0020	mg/Kg wet	0.0200		101		70-130				
Trichloroethylene	0.0200	0.0020	mg/Kg wet	0.0200		100		70-130				
Trichlorofluoromethane (Freon 11)	0.0202	0.010	mg/Kg wet	0.0200		101		70-130				
1,2,3-Trichloropropane	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130				
1,2,4-Trimethylbenzene	0.0207	0.0020	mg/Kg wet	0.0200		103		70-130				
1,3,5-Trimethylbenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.7		70-130				
Vinyl Chloride	0.0172	0.010	mg/Kg wet	0.0200		86.2		70-130				
m+p Xylene	0.0399	0.0040	mg/Kg wet	0.0400		99.6		70-130				
o-Xylene	0.0195	0.0020	mg/Kg wet	0.0200		97.6		70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0432*		mg/Kg wet	0.0500		86.3		70-130				
Surrogate: Toluene-d8	*0.0504*		mg/Kg wet	0.0500		101		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0499*		mg/Kg wet	0.0500		99.7		70-130				
LCS Dup (B065926-BSD1)				Prepared & Analyzed: 01/10/13								
Acetone	0.167	0.10	mg/Kg wet	0.200		83.7		40-160	3.15	20	V-16	†
tert-Amyl Methyl Ether (TAME)	0.0200	0.0010	mg/Kg wet	0.0200		100		70-130	2.94	20		
Benzene	0.0217	0.0020	mg/Kg wet	0.0200		108		70-130	2.71	20		
Bromobenzene	0.0212	0.0020	mg/Kg wet	0.0200		106		70-130	6.04	20		
Bromochloromethane	0.0259	0.0020	mg/Kg wet	0.0200		130		70-130	2.11	20	V-20	
Bromodichloromethane	0.0203	0.0020	mg/Kg wet	0.0200		102		70-130	4.01	20		
Bromoform	0.0204	0.010	mg/Kg wet	0.0200		102		70-130	0.987	20		
Bromomethane	0.0172	0.010	mg/Kg wet	0.0200		85.8		40-160	11.7	20		†
2-Butanone (MEK)	0.189	0.040	mg/Kg wet	0.200		94.3		40-160	1.10	20	V-16	†
n-Butylbenzene	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130	2.04	20		
sec-Butylbenzene	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130	2.72	20		
tert-Butylbenzene	0.0215	0.0020	mg/Kg wet	0.0200		107		70-130	1.31	20		
tert-Butyl Ethyl Ether (TBEE)	0.0206	0.0020	mg/Kg wet	0.0200		103		70-130	2.85	20		
Carbon Disulfide	0.0187	0.0060	mg/Kg wet	0.0200		93.6		70-130	1.69	20		
Carbon Tetrachloride	0.0297	0.0020	mg/Kg wet	0.0200		**148**	*	70-130	0.938	20	L-02, V-20	
Chlorobenzene	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130	3.52	20		
Chlorodibromomethane	0.0203	0.010	mg/Kg wet	0.0200		101		70-130	3.21	20		
Chloroethane	0.0194	0.010	mg/Kg wet	0.0200		97.2		70-130	0.206	20		
Chloroform	0.0215	0.0040	mg/Kg wet	0.0200		107		70-130	3.70	20		
Chloromethane	0.0203	0.010	mg/Kg wet	0.0200		102		40-160	0.990	20		†
2-Chlorotoluene	0.0200	0.0020	mg/Kg wet	0.0200		100		70-130	3.56	20		
4-Chlorotoluene	0.0199	0.0020	mg/Kg wet	0.0200		99.6		70-130	3.68	20		
1,2-Dibromo-3-chloropropane (DBCP)	0.0184	0.0040	mg/Kg wet	0.0200		91.8		70-130	4.58	20	V-16	
1,2-Dibromoethane (EDB)	0.0226	0.0010	mg/Kg wet	0.0200		113		70-130	2.15	20		
Dibromomethane	0.0212	0.0020	mg/Kg wet	0.0200		106		70-130	4.34	20		
1,2-Dichlorobenzene	0.0204	0.0020	mg/Kg wet	0.0200		102		70-130	3.60	20		
1,3-Dichlorobenzene	0.0204	0.0020	mg/Kg wet	0.0200		102		70-130	2.48	20		
1,4-Dichlorobenzene	0.0210	0.0020	mg/Kg wet	0.0200		105		70-130	4.49	20		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B065926 - SW-846 5035											
LCS Dup (B065926-BSD1)				Prepared & Analyzed: 01/10/13							
Dichlorodifluoromethane (Freon 12)	0.0163	0.010	mg/Kg wet	0.0200		81.4	40-160	0.988	20	V-20	†
1,1-Dichloroethane	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	4.32	20		
1,2-Dichloroethane	0.0187	0.0020	mg/Kg wet	0.0200		93.6	70-130	3.92	20		
1,1-Dichloroethylene	0.0182	0.0040	mg/Kg wet	0.0200		91.2	70-130	0.329	20		
cis-1,2-Dichloroethylene	0.0223	0.0020	mg/Kg wet	0.0200		112	70-130	5.15	20		
trans-1,2-Dichloroethylene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130	2.69	20		
1,2-Dichloropropane	0.0196	0.0020	mg/Kg wet	0.0200		98.0	70-130	3.11	20		
1,3-Dichloropropane	0.0206	0.0010	mg/Kg wet	0.0200		103	70-130	3.76	20		
2,2-Dichloropropane	0.0259	0.0020	mg/Kg wet	0.0200		129	70-130	3.70	20	V-20	
1,1-Dichloropropene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	0.192	20		
cis-1,3-Dichloropropene	0.0187	0.010	mg/Kg wet	0.0200		93.5	70-130	4.48	20		
trans-1,3-Dichloropropene	0.0194	0.010	mg/Kg wet	0.0200		96.9	70-130	3.04	20		
Diethyl Ether	0.0199	0.010	mg/Kg wet	0.0200		99.6	70-130	0.503	20		
Diisopropyl Ether (DIPE)	0.0229	0.0010	mg/Kg wet	0.0200		115	70-130	5.38	20		
1,4-Dioxane	0.233	0.10	mg/Kg wet	0.200		116	40-160	8.10	20	V-16, V-20	†
Ethylbenzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130	4.58	20		
Hexachlorobutadiene	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130	5.09	20		
2-Hexanone (MBK)	0.181	0.020	mg/Kg wet	0.200		90.7	40-160	2.70	20		†
Isopropylbenzene (Cumene)	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130	5.12	20		
p-Isopropyltoluene (p-Cymene)	0.0225	0.0020	mg/Kg wet	0.0200		112	70-130	2.16	20		
Methyl tert-Butyl Ether (MTBE)	0.0208	0.0040	mg/Kg wet	0.0200		104	70-130	1.74	20		
Methylene Chloride	0.0176	0.010	mg/Kg wet	0.0200		88.2	70-130	8.63	20		
4-Methyl-2-pentanone (MIBK)	0.193	0.020	mg/Kg wet	0.200		96.3	40-160	3.89	20		†
Naphthalene	0.0144	0.0040	mg/Kg wet	0.0200		71.9	70-130	7.35	20	V-05	
n-Propylbenzene	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130	3.66	20		
Styrene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130	3.12	20		
1,1,1,2-Tetrachloroethane	0.0209	0.010	mg/Kg wet	0.0200		105	70-130	4.19	20		
1,1,2,2-Tetrachloroethane	0.0203	0.0010	mg/Kg wet	0.0200		101	70-130	0.892	20		
Tetrachloroethylene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130	3.42	20		
Tetrahydrofuran	0.0232	0.010	mg/Kg wet	0.0200		116	70-130	18.2	20	V-16	
Toluene	0.0193	0.0020	mg/Kg wet	0.0200		96.6	70-130	0.727	20		
1,2,3-Trichlorobenzene	0.0182	0.0020	mg/Kg wet	0.0200		90.8	70-130	13.0	20	V-05	
1,2,4-Trichlorobenzene	0.0181	0.0020	mg/Kg wet	0.0200		90.4	70-130	10.4	20		
1,1,1-Trichloroethane	0.0228	0.0020	mg/Kg wet	0.0200		114	70-130	4.94	20		
1,1,2-Trichloroethane	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130	3.51	20		
Trichloroethylene	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130	4.40	20		
Trichlorofluoromethane (Freon 11)	0.0204	0.010	mg/Kg wet	0.0200		102	70-130	0.689	20		
1,2,3-Trichloropropane	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130	0.482	20		
1,2,4-Trimethylbenzene	0.0209	0.0020	mg/Kg wet	0.0200		105	70-130	1.35	20		
1,3,5-Trimethylbenzene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130	3.45	20		
Vinyl Chloride	0.0174	0.010	mg/Kg wet	0.0200		87.0	70-130	0.924	20		
m+p Xylene	0.0418	0.0040	mg/Kg wet	0.0400		104	70-130	4.75	20		
o-Xylene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	4.60	20		
Surrogate: 1,2-Dichloroethane-d4	*0.0438*		mg/Kg wet	0.0500		87.6	70-130				
Surrogate: Toluene-d8	*0.0505*		mg/Kg wet	0.0500		101	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0493*		mg/Kg wet	0.0500		98.6	70-130				

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
L-14	Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
RL-07	Elevated reporting limit based on lowest point in calibration. MA CAM reporting limit not met.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
Acetone	CT,NH,NY,ME
Acetone	CT,NH,NY,ME
Benzene	CT,NH,NY,ME
Benzene	CT,NH,NY,ME
Bromobenzene	NH,NY,ME
Bromobenzene	NH,NY,ME
Bromochloromethane	NH,NY,ME
Bromochloromethane	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	CT,NH,NY,ME
n-Butylbenzene	CT,NH,NY,ME
sec-Butylbenzene	CT,NH,NY,ME
sec-Butylbenzene	CT,NH,NY,ME
tert-Butylbenzene	CT,NH,NY,ME
tert-Butylbenzene	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME
4-Chlorotoluene	CT,NH,NY,ME
4-Chlorotoluene	CT,NH,NY,ME
Dibromomethane	NH,NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
1,4-Dichlorobenzene	CT,NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NY,ME
Dichlorodifluoromethane (Freon 12)	NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	CT,NH,NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	NH,NY,ME
1,3-Dichloropropane	NH,NY,ME
2,2-Dichloropropane	NH,NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Hexachlorobutadiene	NH,NY,ME
Hexachlorobutadiene	NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	CT,NH,NY,ME
p-Isopropyltoluene (p-Cymene)	NH,NY
p-Isopropyltoluene (p-Cymene)	NH,NY
Methyl tert-Butyl Ether (MTBE)	NY
Methyl tert-Butyl Ether (MTBE)	NY
Methylene Chloride	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
Naphthalene	NH,NY,ME
Naphthalene	NH,NY,ME
n-Propylbenzene	NH,NY
n-Propylbenzene	NH,NY
Styrene	CT,NH,NY,ME
Styrene	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
1,2,3-Trichlorobenzene	ME
1,2,4-Trichlorobenzene	NH,NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,4-Trimethylbenzene	CT,NH,NY,ME
1,2,4-Trimethylbenzene	CT,NH,NY,ME
1,3,5-Trimethylbenzene	CT,NH,NY,ME
1,3,5-Trimethylbenzene	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME

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The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2013
NC	North Carolina Div. of Water Quality	652	12/31/2013
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2013
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	460217	12/14/2013
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2012

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☐ 146 Hartford Road, Manchester, CT 06040
☐ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201
☐ 78 Interstate Drive, West Springfield, MA 01089
☒ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY
☐ Other _____

13A0224
29491

CHAIN-OF-CUSTODY RECORD

Turnaround

☐ 24-Hour* ☐ 72-Hour* ☐ Other _____ (days)
☐ 48-Hour* ☒ Standard (____ days) *Surcharge Applies

Project Name	Project Location	Project Number	Laboratory
NuStyle	Franklin MA	20050458 F31	ConTest

Report To: Dan Lafrance
Invoice To: Dave Foss
P.O. No.: 10282005045 8F31/303
Sampler's Signature: [signature] Date: 1/8/2013

Source Codes:
MW=Monitoring Well PW=Potable Water T=Treatment Facility S=Soil B=Sediment
SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete
X=Other Trip Blank

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	Analysis Request: VOCs-8260	Containers: Soil VOA Vial, ☒ methanol	Soil VOA Vial, ☐ water	Glass Soil Container (8) oz ☒ $Na(SO_4)_2$	Other:	Other:	Water VOA Vial, ☐ As is ☐ HCl	Glass Amber (___) ml, ☐ As is ☐ H_2SO_4	Plastic - As is, ☐ 250 ml ☐ 500 ☐ 1000 ml	Plastic - H_2SO_4, ☐ 250 ml ☐ 500 ml	Plastic - HNO_3, 250 ml ☐ Filtered ☐ 0.45µ	Plastic - NaOH, 250 ml ☐	Comments
1	✓	✓	✓		10281301 09-01	S	1/8/13	1055	✓							1	2	1			
2	✓	✓	✓		02	S	↓	1105	✓							1	2	1			
3	✓	✓	✓		03	X	↓	1115	✓							1					

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	Fridge	1/8/13	1400
2	Fridge	[signature]	1/9/13	0929
3	[signature]	[signature]	1/9/13	0930
4	[signature]	[signature]	1/9/13	0930

Charge Exceptions: ☐ CT Tax Exempt ☐ QA/QC ☐ Other _____
____ Duplicates 1 Blanks (Item Nos: 3)

Reporting and Detection Limit Requirements: ☐ RCP Deliverables ☒ MCP CAM Cert.

Additional Comments:

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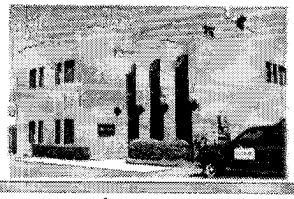

Sample Receipt Checklist

CLIENT NAME: Fuss & O'neill RECEIVED BY: SD DATE: 1/9/12

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No No CoC Included

2) **Does the chain agree with the samples?** (Yes) No
If not, explain:

3) **Are all the samples in good condition?** (Yes) No
If not, explain:

4) **How were the samples received:**
On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑
Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A
Temperature °C by Temp blank _____ Temperature °C by Temp gun 4.8

5) **Are there Dissolved samples for the lab to filter?** Yes (No)
Who was notified _____ Date _____ Time _____

6) **Are there any RUSH or SHORT HOLDING TIME samples?** Yes (No)
Who was notified _____ Date _____ Time _____

7) **Location where samples are stored:** 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) **Do all samples have the proper Acid pH:** Yes No (N/A) _____

9) **Do all samples have the proper Base pH:** Yes No (N/A) _____

10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	2
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	7	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 3
Bisulfate 4 # DI Water _____
Thiosulfate _____ Unpreserved

Time and Date Frozen:

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 13A0224
Project Location: Nu-Style, Franklin, MA	RTN:

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]

13A0224-01 thru 13A0224-03

Matrices: Soil

CAM Protocol (check all that below)

8260 VOC CAM II A (X)	7470/7471 Hg CAM IIIB ( )	MassDEP VPH CAM IV A ( )	8081 Pesticides CAM V B ( )	7196 Hex Cr CAM VI B ( )	MassDEP APH CAM IX A ( )
8270 SVOC CAM II B ( )	7010 Metals CAM III C ( )	MassDEP EPH CAM IV A ( )	8151 Herbicides CAM V C ( )	8330 Explosives CAM VIII A ( )	TO-15 VOC CAM IX B ( )
6010 Metals CAM III A ( )	6020 Metals CAM III D ( )	8082 PCB CAM V A ( )	9014 Total Cyanide/PAC CAM VI A ( )	6860 Perchlorate CAM VIII B ( )	

Affirmative response to Questions A throughF is required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	☑ Yes	☐ No[1]
B	Were the analytical method(s) and all associated QC requirements specificed in the selected CAM protocol(s) followed?	☑ Yes	☐ No[1]
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	☑ Yes	☐ No[1]
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, Quality Assurance and Quality Control Guidlines for the Acquisition and Reporting of Analytical Data?	☑ Yes	☐ No[1]
E a	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	☐ Yes	☐ No[1]
E b	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	☐ Yes	☐ No[1]
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all No responses to Qestions A through E)?	☑ Yes	☐ No[1]

A response to questions G, H and I below is required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	☐ Yes	☑ No[1]

<u>Data User Note:</u> Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.

H	Were all QC perfomance standards specified in the CAM protocol(s) achieved?	☐ Yes	☑ No[1]
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	☑ Yes	☐ No[1]

[1] *All Negative responses must be addressed in an attached Environmental Laboratory case narrative.*

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

Signature:  Position: Laboratory Director

Printed Name: Michael A. Erickson Date: 01/16/13