January 19, 2016

Mr. Binyoti Amungwafor
Wisconsin Department of Natural Resources
2300 N. Dr. Martin Luther King Jr. Drive
Milwaukee, WI 53212

Re: Site Investigation Report
OHM-Wauwatosa
6737 Milwaukee Avenue
Wauwatosa, Wisconsin 53213
BRRTS# 02-41-551923

Dear Mr. Amungwafor:

Environmental Forensic Investigations, Inc. (EnviroForensics) is pleased to submit this Site Investigation Report (Report) for the One Hour Martinizing (OHM) site located at 6737 Milwaukee Avenue in Wauwatosa, Wisconsin. One hardcopy and one electronic copy of the Report are enclosed. The Report has been prepared in accordance with the requirements of Wisconsin Administrative Code (WAC) Chapter NR 716. On behalf of OHM Holdings, Inc., EnviroForensics is requesting a Technical Assistance review of the Report and written response to the recommendations contained in the Report. The Technical Assistance review fee is enclosed.

Sincerely,
Environmental Forensic Investigations, Inc.

Wayne Fassbender, PG, PMP
Senior Project Manager

cc: Brian Cass, OHM Holdings, Inc.
Ted Warpinski, Friebert, Finerty & St. John, S.C.

enclosures

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NR 716 SITE INVESTIGATION REPORT

ONE HOUR MARTIZING CLEANERS
6737 WEST MILWAUKEE AVENUE
WAUWATOSA, WISCONSIN 53213
WDNR BRRTS# 02-41-551923
FID# 241287640

January 19, 2016

Prepared For:

OHM Holdings, Inc.
W229N2494 County Road F
Waukesha, WI 53186-1104

Prepared By:

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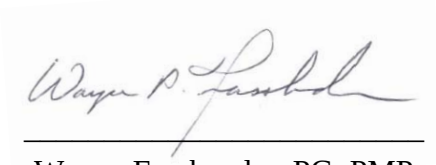

Wayne Fassbender, PG, PMP
Senior Project Manager

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The purpose of a Site Investigation is to reasonably characterize the extents and magnitude of contaminants of concern based on the geology/hydrogeology of the area. In performing such a study, a balance must be struck between a reasonable investigation into the site conditions and an exhaustive analysis of each conceivable condition. The following paragraphs discuss the assumptions and parameters under which such a study is conducted.

No investigation is thorough enough to detect every geologic/hydrogeologic condition of interest at a given site. If conditions have not been identified during the study, such a finding should not therefore be construed as a guarantee of the absence of such conditions at the site, but rather as the result of the services performed within the scope, limitations, and cost of the work performed.

We are unable to report on or accurately predict events that may change the site conditions after the described services are performed, whether occurring naturally or caused by external forces. We cannot assume responsibility for conditions we were not authorized to evaluate, or conditions not generally recognized as predictable when services were performed.

Geologic/hydrogeologic conditions may exist at the site that cannot be identified solely by visual observation. Where subsurface exploratory work was performed, our professional opinions are based in part on interpretation of data from discrete sampling locations that may not represent actual conditions at unsampled locations.

EXECUTIVE SUMMARY

Environmental Forensic Investigations, Inc. (EnviroForensics) has prepared this Site Investigation (SI) report on behalf of OHM Holdings, LLC (OHM) for the One Hour Martinizing facility located at 6737 West Milwaukee Avenue, Wauwatosa, Wisconsin (Site). The Site currently operates as a clothes drop off center and dry cleaning operations are no longer performed at this location.

Site investigation activities, including the collection of soil, groundwater, soil gas, sub-slab and indoor/outdoor air samples, were conducted between 2008 and 2015. The primary contaminants of concern at this Site are chlorinated volatile organic compounds (CVOCs) associated with the dry cleaning process. These compounds include the dry cleaning solvent tetrachloroethene (PCE) and intermediate products of the natural degradation of PCE which include: trichloroethene (TCE); dichloroethene (DCE); and vinyl chloride. The amount, duration, and circumstances of PCE released to the subsurface are unknown. It is also not known if the PCE detected in the subsurface was from waste or commercial product. Petroleum volatile organic compounds (PVOCs) have also been discovered. These are likely present at the Site because the former use of the property was a gasoline service station. The source area for the PVOCs appears to be on the northwestern portion of the Site.

PCE was initially detected in soil samples collected beneath the existing building slab and at an exterior boring at concentrations exceeding the Wisconsin Department of Natural Resources (WDNR) Residual Contaminant Level (RCL) established for the protection of groundwater. The extent of PCE soil contamination is limited to the property boundary with source areas adjacent to the former dry cleaning machine, and in the southeast corner of the Site near a storage shed.

Site geology consists of poorly sorted glacial till deposits comprised of clay, silt, sand and gravel. Groundwater is approximately 57 feet below ground surface (bgs). Groundwater below the Site does not appear to be significantly impacted by any of the contaminants. A groundwater sample collected through a temporary well installed within the source area adjacent to the dry cleaning building contained detectable concentrations of the petroleum compounds benzene and toluene, but did not contain detectable concentrations of CVOCs. Four (4) groundwater monitoring wells were installed to determine the direction of groundwater flow and to confirm results of the grab water sample. The direction of groundwater flow is to the northeast. No CVOCs or PVOCs have been detected in groundwater above laboratory detection limits.

Soil gas and sub-slab vapor sampling indicated that a vapor intrusion risk is present at the Site building and potentially at the neighboring commercial property to the south. Indoor air sampling confirmed that the indoor air PCE concentration in the Site building was above the WDNR non-residential Vapor Action Level (VAL). However, an inspection of the building indicated that the former dry cleaning machine and a sanitary sewer trap are sources for fugitive emissions of PCE. Since the building inspection, the dry cleaning machine has been removed from the premises. The sanitary sewer trap should be cleaned to remove any residual PCE. A vapor intrusion assessment was also performed at a neighboring residential property to the east and the results indicated that vapor intrusion risk could be ruled out.

The extent of solvent-related impacts exceeding applicable standards in all subsurface media has been defined. Soil impacts are limited to areas within Site boundaries and groundwater has not been affected. CVOC vapors appear to be concentrating underneath the Site building with limited migration to adjacent properties. Soil vapor extraction (SVE) has been identified as a likely remedial alternative at the Site. Implementation of SVE would remove contaminant mass from the source areas and mitigate the vapor intrusion risk to the Site building. EnviroForensics recommends that a remediation work plan be prepared and submitted for regulatory approval.

1.0 GENERAL INFORMATION

Environmental Forensic Investigations, Inc. (EnviroForensics) has prepared this Site Investigation (SI) report on behalf of OHM Holdings, LLC (OHM) for the One Hour Martinizing facility located at 6737 West Milwaukee Avenue, Wauwatosa, Wisconsin (Site). The location of the Site is depicted on **Figure 1**. This SI Report follows guidelines for investigations and reporting set forth in the Wisconsin Department of Natural Resources (WDNR) Chapter NR 716 rule and other associated State of Wisconsin Chapter NR 700 series rules. This report incorporates the findings of a Phase II Environmental Site Assessment (ESA) conducted by Giles Engineering & Associates, Inc. (Giles) in 2008.

Property Information:

County:	Milwaukee
PLSS Location:	NW 1/4 of the SE 1/4 of Section 22, Township 07N, Range 21E
WTM Coords:	X = 683179, Y = 288453

Property Owner/Responsible Party Information:

Owner Name:	Charles Cass - OHM Holdings, Inc.
Address:	N41 W27760 Ishnala Trail, Pewaukee, WI 53072
Contact:	Brian Cass
Telephone:	262-521-9710
E-mail Address:	brian@ohmholdings.com

Consultant Information:

Company Name:	Environmental Forensic Investigations, Inc.
Address:	N16W23390 Stone Ridge Drive, Suite G, Waukesha, WI 53188
Contacts:	Wayne Fassbender
Telephone:	414-982-3988, 262-290-4001
E-mail Address:	wfassbender@enviroforensics.com

Copies of the most recent property deed and plat map are provided in **Appendix A**. The layout of the Site, including Site features, and the surrounding area, is depicted on **Figure 2**. The Site is improved with a slab-on-grade, one story building and asphalt/concrete parking and driveway areas. There are no surface water features or private wells on the Site. The Site is bound by Milwaukee Avenue to the north; North 68th Street to the west; a commercial property (1536 N. 68th Street) to the south; and a residential property (6721 Milwaukee Avenue) to the east. The adjacent commercial property to the south is currently occupied as office space for an accounting firm. The surrounding area consists of a mix of residential and commercial properties.

2.0 BACKGROUND

2.1 Site History

The Site operated as a gasoline service station from at least 1927 up to the late 1970's or early 1980's. The property was purchased as a vacant gasoline service station by OHM in 1982. The underground gasoline storage tanks were removed by the previous owners. An underground heating oil tank was removed from the Site in 1997 under the current ownership.

OHM operated the Site as an active dry cleaning facility beginning in 1982. The former dry cleaning machine was located on the eastern portion of the building. Tetrachloroethene (PCE) was the main dry cleaning solvent used in the cleaning process until its use was discontinued at this facility in 2009. Since 2009, the site has been a drop-off location for clothes cleaned at a central facility. OHM discontinued the use of PCE in their dry cleaning process in January of 2014, in favor of a more environmentally friendly solvent.

In 2008, during initial discovery investigations performed by Giles Engineering, PCE was detected in subsurface soil indicating that a release of PCE had occurred at the Site sometime in the past. The amount of chemical released, the duration of the release, and the specific release areas or locations are unknown, but the source areas are below the building foundation near the old dry cleaning machine, and also outside the building near a storage shed. This would indicate that floor spills occurred inside the building that may have entered the subsurface through the joint between the floor slab and outside wall, or into a floor drain which may have leaked. The soil impacts near the storage shed were likely caused by spillage. It is not known whether these incidental releases were of fresh or waste product.

2.2 Contaminants of Concern, Migration Pathways and Receptors

The contaminants of concern at the Site are chlorinated volatile organic compounds (CVOCs) and petroleum volatile organic compounds (PVOCs). The primary CVOCs are the dry cleaning solvent PCE and its degradation products. The primary PVOCs are benzene, ethyl-benzene, naphthalene, toluene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene and xylenes. These compounds, when released to the subsurface can desorb from the soil and enter the groundwater based upon various factors including the amount of organic matter in the soil and chemical specific properties such as volatility, solubility, and partitioning coefficients.

CVOCs and PVOCs, either in the vadose zone or dissolved in groundwater can move through soil pore space and into building crawl spaces, basements, and/or indoors. Significant concentrations of these compounds in the vapor phase can accumulate in unsaturated soil above

soil and groundwater sources, and migrate upward to concentrate in porous materials beneath and around building foundations and in utility trenches. These compounds can be an inhalation risk to humans occupying those structures. Contamination in the groundwater will follow natural preferential pathways such as high permeability sands, and will generally move in the direction of groundwater flow.

2.3 Summary of Investigation Activities

Between 2009 and 2014, EnviroForensics performed Site investigation activities including the collection of soil, groundwater, soil gas, sub-slab soil vapor, and indoor air samples to fully delineate impacts and risk to receptors. The following is a chronological sequence of site investigation activities:

2008 — Giles conducted a Phase II ESA, consisting of soil sample collection from two interior and one exterior soil borings.

November 2009 — EnviroForensics conducted site investigation activities including:

- One (1) hand-auger boring (HA-1) to 6.5 feet and four (4) direct-push borings (DP-2 to DP-5) to 20 feet bgs.

November 2010 — EnviroForensics conducted further site investigation activities including:

- Six (6) direct-push soil borings (6140-DP-6 through 6140-DP-11) to a depth of approximately 32 feet bgs;
- Collected a total of three (3) soil samples from each of the six (6) soil borings;
- Submitted 18 soil samples to an environmental laboratory for analysis of volatile organic compounds (VOCs) according to United States Environmental Protection Agency (U.S. EPA) Method 8260;
- Installed four (4) soil gas collection points (6140-SG-1 through 6140-SG-4);
- Collected a total of four (4) soil gas samples; and
- Submitted four (4) soil gas samples to an environmental laboratory for analysis of VOCs according to U.S. EPA Method TO-15.

October 2012 — EnviroForensics conducted further site investigation activities including:

- Two (2) direct-push soil borings (6140-DP-12 and 6140-DP-13) were advanced to further define the vertical and lateral extent of soil impacts;
- One (1) deeper direct-push soil boring (6140-DP-14) was advanced to collect a groundwater grab sample near the suspected source area;
- Two (2) sub-slab vapor samples (6140-SS-1 and 6140-SS-2) were collected in the basement of the adjacent residence located at 6721 Milwaukee Avenue, along with three (3) indoor air samples (6140-IA-1 through 6140-IA-3); and
- One (1) outdoor air sample (6140-OA) was collected to evaluate background ambient air conditions during indoor air sampling.

March 2013 — EnviroForensics conducted further site investigation activities including:

- Advanced one (1) deeper soil boring (6140-DP-15) in the vicinity of boring DP-14 to delineate the maximum vertical depth of soil impacts and to facilitate collection of a groundwater grab sample;
- Collected two (2) sub-slab vapor samples from the Site building;
- Advanced two (2) hand auger borings (6140-UHA-1 and 6140-UHA-2) into the natural gas, water, and sanitary sewer lateral trenches, and collected a soil sample and a soil gas sample from each boring; and
- Performed an evaluation of publicly available historical records (e.g. city directories, fire insurance maps, aerial photos) to determine the potential for off-site contributors of the VOCs identified in Site soil.

January 2014 — EnviroForensics conducted further site investigation activities including:

- Three (3) sub-slab vapor samples (6140-1536-SSV-1 through 6140-1536-SSV-3) were collected in the basement of the adjacent commercial property located at 1536 N. 68th Street; and
- One (1) indoor air samples (6140-IA-1) and one (1) outdoor sample (6140-OA-1) within and outside of the OHM building.

May 2014 — EnviroForensics conducted repeat paired sub-slab and indoor air sampling at the adjacent commercial property located at 1536 N. 68th Street.

September 2014	EnviroForensics conducted repeat paired sub-slab and indoor air sampling at the adjacent residential property located at 6721 Milwaukee Avenue.
Jan.-Feb. 2015	EnviroForensics conducted further site investigation activities including: • Installation and 1st quarter 2015 sampling of four (4) groundwater monitoring wells; • Installation and sampling of four (4) sets of two (2) permanent soil gas probes to better determine depths and pathways for vapor migration; and • Repeat paired sub-slab and indoor air sampling at both the adjacent commercial and residential properties.
April 2015	EnviroForensics collected samples from groundwater monitoring wells, and collected soil gas samples from the permanent soil gas probes.
July-October 2015	EnviroForensics collected samples from the groundwater monitoring wells to complete four (4) rounds of quarterly sampling.

3.0 SITE INVESTIGATION METHODOLOGIES

3.1 Hand Auger Boring and Soil Sampling

EnviroForensics personnel advanced one (1) hand auger boring HA-1 near the southwest corner of the Site building to a depth of 6.5 feet below ground surface (bgs) using a 2.25-inch stainless steel bucket auger. The hand auger boring location is shown on **Figure 3**.

The soil lithology was logged in general accordance with the Unified Soil Classification System (USCS). Soil boring logs are presented in **Appendix B**. Two (2) soil samples were collected from the hand auger boring for laboratory analysis. Soil samples were placed in a cooler on ice, and submitted to Pace Analytical Services, Inc. (Pace) in Green Bay, Wisconsin under chain-of-custody for analysis of VOCs using SW-846 Test Method 8260.

3.2 Direct-Push Borings and Grab Groundwater Sampling

Soil borings 6140-DP-2 through 6140-DP-15 were advanced using direct-push methods with 2.25-inch diameter tooling. The boring locations are depicted on **Figure 3**. The direct-push boring activities were performed by On-site Environmental Services, Inc. of Sun Prairie, Wisconsin under subcontract to EnviroForensics. Soil samples were collected in 4-foot long by 1.5-inch diameter vinyl acetate plastic sample sleeves. A portion of each sample was field-screened using a photoionization detector (PID). The results of field-screening using a PID were also recorded on the boring logs. The soil lithology was logged in general accordance with the USCS. Soil boring logs are presented in **Appendix B**.

Boring HA-1 was advanced to a depth of 6.5 feet and 6140-DP-2 through 6140-DP-5 were advanced to a depth of 20 feet bgs on November 5, 2009. Two (2) soil samples from each boring were submitted for laboratory analysis. Borings 6140-DP-6 through 6140-DP-11 were advanced to a depth of 32 feet bgs on November 18, 2010. Three (3) soil samples were collected from each boring for laboratory analysis. Soil samples were placed in a cooler on ice, and submitted to Pace Analytical Services, Inc. (Pace) in Green Bay, Wisconsin under chain-of-custody for analysis of VOCs using SW-846 Test Method 8260.

On October 23, 2012, 6140-DP-12 through 6140-DP-14 were advanced to depths from 32 to 52 feet bgs. One (1) to three (3) soil samples were collected from each of the borings. These samples were submitted to Test America Laboratory (Test America) in Knoxville, Tennessee.

On March 7, 2013, EnviroForensics advanced a boring, 6140-DP-15. The grab groundwater sample was collected utilizing a 1-inch diameter temporary well screen set in the saturated soil

zone to be sampled. After the screen was set, an inertial recovery tube equipped with a check valve was used to raise water for purging and sampling. The grab groundwater sample was collected directly into laboratory-supplied 40 milliliter (ml) sample vials pre-preserved with hydrochloric acid. The groundwater sample containers were placed in a cooler on ice, and submitted to Test America under chain-of-custody protocol for analysis of VOCs using SW-846 Test Method 8260.

Following sample collection, the temporary well screen was removed and the boreholes were backfilled with hydrated bentonite chips and finished at the surface with asphalt. Borehole abandonment forms are presented in **Appendix B**.

Soil cuttings from the borings were containerized in a 55-gallon drum and profiled for disposal. The drum was transported to a disposal facility by a licensed contractor. Waste manifests are provided in **Appendix C**.

3.3 Installation and Sampling of Groundwater Monitoring Wells

Four (4) water table monitoring wells (MW-1 through MW-4) were installed in January of 2015 at the locations shown on **Figure 3**. The monitoring wells were installed using 4.25-inch ID hollow-stem auger methods to maximum depths of between 58 and 62 feet based on saturated conditions observed. The new monitoring wells were constructed in accordance with Wisconsin Administrative Code (WAC) Chapter NR 141 using 2-inch ID Schedule 40 PVC riser and 2-inch ID, 10-feet long, 0.010-inch machine slotted, polyvinyl chloride (PVC) well screens. Sand pack materials were placed from the bottom of the borehole to 2 feet above the well screen. The annular space above the sand pack was filled with hydrated bentonite chips up to 1 foot bgs. Surface completions consist of flush mount well vaults set in concrete. The wells were secured with expandable locking caps. Monitoring well construction forms are provided in **Appendix D** and well construction information is summarized in **Table 1**.

The wells were developed at least 24 hours after installation by surging with a bailer and purging with a submersible pump for a minimum of 30 minutes, followed by removing at least 10 well volumes of water using the submersible pump. Monitoring well development forms are included in **Appendix D**.

Groundwater samples were collected on February 2, 2015, April 15, 2015, July 28, 2015, and October 1, 2015 to complete four (4) quarters of sampling. Prior to sampling, the depth to water in each well was measured to the nearest 0.01 of a foot using an electronic water level indicator. Monitoring well sampling was completed following low flow (minimal drawdown) groundwater sampling procedures. Geochemical parameters including pH, oxidation-reduction potential (ORP), specific conductivity, temperature, turbidity, and dissolved oxygen were measured to

verify stabilization prior to groundwater sample collection. Data collected during the sampling activities was documented on the field sampling forms presented in **Appendix E**.

Groundwater samples were transferred directly into laboratory-provided containers and placed into a cooler containing ice. Samples were submitted under appropriate chain-of-custody procedures to a state-certified laboratory for analysis of total VOCs according to EPA Method 8260.

3.4 Initial Soil Gas Sampling

Four (4) borings, 6140-SG-1 through 6140-SG-4, were advanced on the Site on November 19, 2010 for the purpose of collecting soil gas samples. Borings 6140-SG-1 and 6140-SG-2 were located near the OHM building and the 6140-SG-3 and 6140-SG-4 were located near the east property boundary to determine the vapor intrusion risk to the Site building and neighboring residential property. A one-foot long stainless steel screen coupled to Teflon®-lined polyethylene tubing was placed in the borehole. A sand pack was placed around each screen in the open borehole approximately 6-inches above the screened interval. The remaining annular space interval between screens and also the interval from the uppermost sand pack to surface grade was filled with hydrated bentonite chips.

The soil gas sampling points were installed at the depths recommended in WDNR guidance document PUB-RR-800 *Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin*, December, 2010.

Prior to sample collection, the integrity of the sampling points was tested by leak detection using helium as a tracer gas, and tubing connections were pressure tested as recommended in WDNR Publication RR-800. Each soil gas sampling point was purged of three times the volume of air in the sand pack surrounding the screen with a peristaltic pump.

The soil gas samples were collected in 1-liter laboratory batch-certified vacuum canisters with laboratory-supplied flow controllers that restricted the flow rate to approximately 200 ml/minute. Initial and final pressure readings in each sample canister were recorded on Soil Gas Field Sampling Forms along with all other required information. A total of four (4) soil gas vapor samples were submitted under appropriate chain-of-custody protocol to Air Toxics LTD in Folsom, California for analysis of target CVOCs according to U.S. EPA Method TO-15. Soil gas boring/sample locations are found on **Figure 3**.

3.5 Sub-Slab Vapor Sampling

Sub-slab vapor samples were collected at the Site building in April 2013, and during several events paired with indoor air sampling at the adjacent commercial and residential properties. The Site building is slab on grade, and the adjacent commercial and residential buildings have full basements. Sub-slab sample locations are found on **Figure 3.**

Temporary stainless steel Vapor Pin™ sub-slab sampling ports were installed at each sub-slab sampling location. The sub-slab sampling points were installed by drilling a counter-sunk hole through the concrete slab using an electric hammer drill. The ports were capped during installation until sampling was initiated.

Testing the integrity of the sample ports and sampling apparatus was conducted by vacuum testing and leak testing using helium as a tracer gas. The leak testing information and results were recorded in the sub-slab vapor field sampling forms. Quality control testing was performed in accordance with WDNR Publication RR-800 and following the methods presented in the *Standard Practice for Active Soil Gas Sampling in the Vadose Zone for Vapor Intrusion Evaluation*, ASTM Standard D7663-11. After sampling was completed, the ports were removed and the floors repaired immediately with an appropriate concrete material.

The sub-slab vapor samples were collected in batch-certified 1-Liter vacuum canisters fitted with a regulator to restrict the flow rate to less than 200 milliliters per minute (ml/min). The vacuum canisters were connected to each vapor point using compression fittings and Teflon®-lined polyethylene tubing. The tubing was purged of all ambient air using a hand pump prior to initiating sub-slab sampling. Initial and final pressure readings were recorded on Sub-Slab Vapor Field Sampling Forms along with all other required information. The sub-slab vapor samples were submitted to either Test America of Knoxville, Tennessee (Test America), Pace Analytical Laboratory in Minneapolis, Minnesota, or Envision Air Laboratory of Indianapolis, Indiana for analysis of VOCs according to US EPA Method TO-15.

3.6 Soil and Soil Gas Sample Collection in Utility Corridor

Soil and soil gas samples were collected on July 10, 2013 from the natural gas, water, and sanitary sewer trenches at the locations shown on **Figure 3**. Hand auger boring 6140-UHA-1 was completed to 4 feet bgs and a soil sample was collected from 3 to 4 feet bgs along the gas utility line. Boring 6140-UHA-2 was advanced to 5 feet bgs along the water and sanitary lateral lines, and a soil sample was collected from 4 to 5 feet bgs.

Temporary soil gas sampling points were installed in the 6140-UHA-1 and 6140-UHA-2 borings following soil sample collection. The sampling points consisted of 6 inch long stainless steel screens connected to Teflon lined tubing that extended to the surface. The screens were placed

at a depth of 3.25 to 3.75 feet bgs. Sand was then placed from the bottom of each borehole to 0.25 feet above the screen. Granular bentonite was placed from the top of the sand to the surface, and then hydrated to create a seal. Leak detection using helium as a tracer gas was conducted to ensure a proper bentonite seal. A negative pressure test was also performed to confirm that the connections were air tight. Soil gas samples UHA-1 and UHA-2 were collected using 1-liter vacuum canisters equipped with 200 milliliters per minute flow regulators. The temporary tubing was removed from the ground following sampling. The stainless steel screens were left in place at depth. The borehole was filled with hydrated bentonite chips and the surface repaired with like material. The soil gas samples were submitted to Test America of Knoxville, Tennessee for analysis of VOCs according to U.S. EPA Method TO-15.

3.7 Indoor Air Sampling

Indoor air samples were collected from the adjacent commercial and residential properties during several events paired with sub-slab sampling. Indoor air samples were also collected within the OHM building on two (2) occasions. The samples were shipped to either Test America or Envision Air Laboratory for analysis of VOCs according to U.S. EPA Method TO-15. The indoor air samples were collected in 6-liter vacuum canisters over a 24 hour period following the completion of a building survey along with photo documentation. Outdoor air samples were also collected for quality assurance/ quality control (QA/QC) purposes at each sampling event.

3.8 Installation of Permanent Soil Gas Probes

Four (4) nests of two (2) soil gas monitoring points each were installed in January of 2015 for the purpose of determining soil gas concentration gradients and for monitoring during future soil vapor extraction pilot testing activities. At each location, one (1) point was installed to a maximum depth of 10 feet, and the other point was installed to a maximum depth of 25 feet. The points were labeled SG-4s through SG-7s for the shallow points, and SG-4d through SG-7d for the deeper points. The locations of the soil gas points are shown on **Figure 3**. Each point consists of a 5-foot long PVC screen attached to PVC solid riser having a diameter of 1-inch. The top of the riser was sealed with a PVC cap and a hose fitting was inserted in the top of the cap for sample collection purposes. A sand pack was placed around each screen in the open borehole approximately 6-inches above the screened interval. The remaining annular space interval between screens and also the interval from the uppermost sand pack to surface grade was filled with hydrated bentonite chips. Each sampling point was completed with steel well vaults flush with the concrete surface. Construction details for the soil gas monitoring points are found in **Appendix F.**

Prior to sample collection, the integrity of the sampling points was tested by leak detection using helium as a tracer gas, and tubing connections were pressure tested as recommended in WDNR Publication RR-800. Each soil gas sampling point was purged of 3 times the volume of air in the sand pack surrounding the screen with a peristaltic pump.

The soil gas samples were collected in 1-liter laboratory batch-certified vacuum canisters with laboratory-supplied flow controllers that restricted the flow rate to approximately 200 ml/min. Initial and final pressure readings in each sample canister were recorded on the laboratory chain-of-custody, along with all other required information. Six (6) soil gas vapor samples were submitted under appropriate chain-of-custody protocol to Envision Air Laboratory of Indianapolis, Indiana for analysis of target CVOCs according to U.S. EPA Method TO-15.

4.0 INVESTIGATION RESULTS

4.1 Hydrogeology

The Site lithology is comprised of poorly sorted glacially deposited till generally consisting of silty, clayey, sand and gravel with interspersed and discontinuous lenses of silty clay and sandy clay, which are typically between 1-2 feet thick. Coarser material consisting of sand and gravel with varying amounts of silt and clay appear to be predominant.

Additional soil classification was performed from 45 to 58 feet bgs in soil boring 6140-DP-15. Site soil at 6140-DP-15 was predominantly clay from 45 to 54.5 feet. The clay soil then changed to coarser material consisting of alternating layers of gravel and sand with varying amounts of clay and silt. The water table was observed in a sand and gravel layer at a depth of 57 feet bgs. Two geologic cross-sections, **Figures 4 and 5**, were created from the soil boring logs at the transect locations shown on **Figure 3**.

The water table was measured in monitoring wells at depths of between 48 to 52 feet bgs on Site. Groundwater elevation data are summarized on **Table 2**. Water table contour maps for each of the four (4) quarterly monitoring events are presented on **Figures 6 through 9**. The direction of groundwater flow is consistently toward the northeast.

4.2 Soil Analytical Results

Soil contaminant concentrations were compared to WDNR Residual Contaminant Levels (RCL), which are based on the United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL). With regard to the CVOCs, a primary source area for PCE soil contamination was defined underneath the east side of the OHM building, where the dry cleaning machine was formerly located. Concentrations of PCE ranged from 21 to 510 micrograms per kilogram (µg/kg) at that location to a depth of 52 feet bgs, diminishing with depth. A secondary location of PCE-impacted soil was defined on the southeast portion of the Site, adjacent to a storage shed. Concentrations ranged from 34 to 530 µg/kg at this location to a depth of 35 feet bgs, again diminishing with depth.

These two source areas contain concentrations of PCE above the RCL of 4.4 µg/kg for the soil-to-groundwater protection pathway. Cis-1,2-dichloroethene (cis-1,2-DCE) was detected at DP-4 at a concentration of 28.9 µg/kg; however, this result was flagged by the laboratory as being between the detection limit and limit of quantitation. No other breakdown products of PCE were detected. None of the PCE concentrations in the shallow soil exceeded the USEPA RSL for direct contact in either residential or non-residential settings.

A PVOC source area was defined on the northwestern portion of the Site. Benzene, ethyl benzene, naphthalene, toluene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, and xylenes were detected at DP-6 and DP-7 above groundwater protection RCLs to a depth of approximately 20 feet bgs. The concentrations of PVOC did not exceed the direct contact RCL for industrial/commercial properties. Soil analytical results are summarized in **Table 3** and depicted on **Figure 10**. The complete laboratory reports are presented in **Appendix G**.

4.3 Groundwater Analytical Results

The grab groundwater sample from 6140-DP-15 contained benzene at 0.3 micrograms per liter (µg/L) and toluene at 0.27 µg/L. Neither PCE nor any other CVOCs were detected. Groundwater contaminant concentrations were compared to Public Health Enforcement Standards (ES) and Public Health Preventive Action Limits (PAL) listed in Wisconsin Administrative Code (WAC) Chapter NR 140. Neither of the PVOCs detected exceeded either the PAL or ES. The results of the grab groundwater sample collected from boring 6140-DP-15 are summarized on **Table 4**.

Samples of groundwater were collected from the four (4) water table monitoring wells on a quarterly basis during 2015. The groundwater samples were analyzed for total VOCs. As shown on **Table 5**, neither PCE nor any other VOCs were detected in the groundwater samples. The complete laboratory reports are presented in **Appendix G**.

4.4 Soil Gas and Sub-Slab Vapor Analytical Results

Various PVOCs and CVOCs were detected during initial sampling for vapor intrusion in the soil gas samples from SG-1, SG-2, and SG-3, but the concentrations of these compounds were all below Vapor Risk Screening Levels (VRSLs) for non-residential and residential settings. However, the soil gas sample collected at SG-4 contained PCE at a concentration of 1,500 micrograms per cubic meter (µg/m^3), which exceeds the VRSL established for residential settings of 1,400 µg/m^3. SG-4 is located adjacent to the residential property to the east of the Site. This detection, along with elevated concentrations in soil samples, prompted additional sub-slab and indoor air sampling of the Site building and adjacent structures. Soil gas analytical results are summarized on **Table 6**. The complete laboratory reports are presented in **Appendix G**.

Concentrations of PCE were reported below the residential VRSL at two (2) locations beneath the basement of the residential property to the east. Sub-slab vapor sample concentrations of PCE were reported above the VRSL for small commercial structures at one (1) of the two (2)

locations at the Site building during both of the sampling events. One (1) of the three (3) sub-slab vapor sampling locations at the commercial property to the south exhibited a PCE concentration above the VRSL during the first sampling event in January 2014. However, during the three (3) subsequent sampling events in 2014 and 2015 the PCE concentration was below the VRSL. Trichloroethene (TCE) was also detected in one of the initial samples at a concentration of 29 µg/m^3, which is below the VRSL for small commercial structures of 293 µg/m^3.

Petroleum compounds were detected in some of the sub-slab vapor samples, but none were reported above either the residential or non-residential VRSLs. Sub-slab vapor analytical results are summarized on **Table 7**. Laboratory analytical reports are presented in **Appendix G**. A soil gas and sub-slab vapor concentration map showing detected CVOCs is found on **Figure 11**.

4.5 Utility Corridor Soil Gas Analytical Results

PCE was detected in samples 6140-UHA-1 and 6140-UHA-2 at concentrations of 120 and 110 µg/m^3, respectively. These concentrations are below the VRSL of 18,000 µg/m^3 established for soil gas samples collected from utility corridors, and also below the VRSL of 1,400 µg/m^3 established for shallow soil gas samples collected in a residential setting. No other PVOCs or CVOCs were detected in these soil gas samples. Based on these results, the utility corridors do not appear to be acting as preferential pathways. Utility corridor soil gas analytical results are summarized in **Table 8** and depicted on **Figure 11**. The laboratory analytical reports are presented in **Appendix G**.

4.6 Indoor/Outdoor Air Analytical Results

PCE was detected at concentrations up to 1,310 µg/m^3 within the Site building, which is above the WDNR Vapor Action Level (VAL) for non-residential settings. No other chlorinated compounds were detected at that location. EnviroForensics conducted an inspection of the building using a photoionization detector (PID). The particular instrument used can detect a wide range of volatile organic compounds in the parts per billion range. It cannot however distinguish between individual compounds. The inspection revealed elevated instrument readings near the former dry cleaning machine (which was subsequently removed from the building) and at a sanitary sewer trap. Fugitive emissions from these sources contribute to the indoor air impacts. The outdoor background samples did not contain any CVOCs. PCE was detected in one (1) of several indoor air samples collected from the 1536 N. 68th Street commercial property. The PCE concentration of 4.61 µg/m^3 was below the VAL for PCE. No other VOCs were detected in any of the indoor air samples collected from this property.

The indoor air samples collected within the neighboring residential property (6721 Milwaukee Avenue) contained low level concentrations of petroleum compounds (benzene, toluene, and xylene) and the refrigerants dichlorodifluoromethane and trichlorofluoromethane. The concentrations of all petroleum-related compounds were below the applicable VALs established for residential indoor air. However, during October 2012 TCE was detected in sample first floor indoor air sample at 2.1 $\mu g/m^3$, which is equal to the VAL for this compound. Cis-1,2-DCE was also detected in this sample, but there currently is no VAL established for cis-1,2-DCE. Neither TCE nor cis-1,2-DCE were detected in sub-slab vapor at the 6721 Milwaukee Avenue property, indicating a potential indoor air source of TCE during October 2012. TCE and cis-1,2-DCE were not detected in subsequent indoor air samples collected during 2014 and 2015. Indoor and outdoor air analytical results are summarized on **Table 9**. A map showing detected CVOCs in indoor air can be seen on **Figure 12**. Laboratory analytical reports are presented as **Appendix G**.

5.0 CONCEPTUAL SITE MODEL

5.1 Sources of Contamination

There appear to be two (2) source areas of PCE soil contamination. The primary area of contamination appears to be related to the former dry cleaning machine location inside the Site building. Concentrations of PCE in soil exceeding the RCL for protection of groundwater extend vertically to 52 feet bgs at the primary source area. The other area appears to be associated with the on-site storage shed. A PCE isoconcentration map is provided on **Figure 13**.

The secondary source area for CVOCs located near the storage shed, extends vertically to approximately 35 feet bgs. Other than cis-1,2-DCE, no other breakdown products of PCE were detected. None of the PCE concentrations in the shallow soil exceeded the RCL for direct contact in either residential or non-residential settings. See cross-sections on **Figures 4 and 5** for the vertical definition of PCE impacts.

5.2 Potential Contaminant Transport Mechanisms

PCE released to the subsurface can desorb from the soil and enter the groundwater, which is dependent upon various factors including the amount of organic matter in the soil and chemical specific properties such as volatility, solubility, and partitioning coefficients. In a free liquid state, PCE is considered a dense non-aqueous phase liquid (DNAPL), is heavier than water, and can pass through the water table causing impacts at depth. Contamination in the groundwater can also move through soil pore space and into building crawl spaces, basements, and/or indoors.

Contamination in the groundwater will follow natural preferential pathways such as high permeability sands, and will generally move in the direction of groundwater flow through advection. Contaminants may also follow anthropogenic preferential pathways such as fill material under structures, roads or parking areas, and underground utility trenches. Utility trenches that exist on the Site property are sanitary, water, and gas lines.

For this Site, based on the data collected to date, it appears that PCE released to the subsurface environment migrated vertically through soil beneath the Site building, but did not reach the water table. The lack of VOC detections in Site monitoring wells attests to this conclusion. Transport of CVOC vapor appears to be limited and has affected the Site and adjoining commercial property in concentrations which initially exceeded vapor risk levels. Utility corridors do not appear to have acted as migration conduits for Site contaminants based on the results of soil and soil gas sampling within the utility trenches. A soil gas, sub-slab and utility vapor PCE isoconcentration map is found on **Figure 11**.

5.3 Potential Exposure Pathways and Receptors

Potential contaminant exposure pathways are considered to be ingestion, dermal absorption, and inhalation of vapors. More specifically, potential receptors are as follows:

- Direct contact with soil during excavation activities; and
- Vapor inhalation by workers and residents.

Site investigation data indicates that groundwater has not been impacted by the solvent release at the Site. Therefore, direct contact with groundwater is not considered a potential exposure pathway.

There are no surface water features on the Site or within the footprint of the plume, which excludes ingestion of impacted surface water as an exposure pathway. The areas exhibiting subsurface soil impacts are covered by impervious surfaces (e.g. buildings, asphalt, or concrete), preventing storm water interaction with subsurface soil. Therefore, contact with surface water run-off is not considered a potential exposure pathway.

Each potential exposure pathway is evaluated and discussed below.

5.3.1 Soil Direct Contact

Current and future anticipated land use at the Site is commercial. The concentrations of contaminants in soil did not exceed the RCLs for commercial land use at any location on-Site, and exceed the RCLs for residential land use at a single location (DP-7) The building concrete slab and impervious surface materials surrounding the building prevent exposure to soil; therefore, direct contact could only occur during excavation activities in this area. In-situ remediation may decrease the concentration of PCE in soil to concentrations less than the residential RCLs at all locations.

5.3.2 Vapor Intrusion Exposure

The WDNR has developed sub-slab vapor screening levels and indoor air action levels for the contaminants of concern based on land use. The potential for exposure via vapor intrusion was evaluated by conducting assessments at the Site building as well as one (1) off-Site commercial property and one (1) off-Site residential property located within 100 feet of the soil source area.

The results of the vapor intrusion assessment conducted at the Site building indicated that CVOC vapors are present in the Site building. However, prior to collecting indoor air samples, a scan of the building interior was performed using a photoionization detector capable of readings in the parts per billion range. During the scan, relatively high instrument readings were obtained near the former dry cleaning machine and a sanitary sewer drain. These may be the primary sources for impacts to indoor air, or they at least contribute to indoor air impacts.

The results of the vapor intrusion assessment conducted at the adjacent commercial building initially indicated the potential for VI exposure. The results of the vapor intrusion assessment at the neighboring residence indicated that the vapor intrusion pathway is not complete.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The dry cleaning solvent PCE appears to have been released to the environment at the Site from the former dry cleaning operations. Concentrations of PCE in the soil exceed the RCL for protection of groundwater at the Site, with two distinct source areas: the former dry cleaning machine location and a storage shed. None of the CVOC concentrations in the shallow soil exceeded the RCL for direct contact in either residential or non-residential settings.

It also appears that petroleum compounds have been released at the Site from the former gasoline service station operations. Petroleum compounds are present on the northwestern portion of the Site at concentrations above the groundwater protection RCLs; however, soil concentrations within the upper four feet do not exceed the industrial RCLs. Soil contamination appears to be limited to the upper 25 feet. This area is currently capped with asphalt, so there is no risk of direct contact exposure.

The extent of CVOC soil impacts has been defined laterally and vertically across the Site. Groundwater does not appear to be impacted by the PCE soil contamination due to the depth to groundwater at the Site and the existing asphalt and concrete surfacing. CVOCs were not detected in a grab water sample or monitoring well samples collected at the Site. Two PVOCs, benzene and toluene, were detected in a grab groundwater sample; however, the concentrations are below PALs.

PCE vapor has concentrated beneath the Site building slab near the primary source area and has spread outside of the building to the south and east. The sub-slab vapor PCE concentration reported near the former dry cleaning machine on the far eastern end of the Site building exceeded the VRSL. In addition, indoor air samples collected from the Site building contained PCE above the non-residential VAL. These data indicate a potential exposure risk to occupants of the building. Fugitive emissions of PCE were detected inside the building coming from a sanitary sewer trap and the former dry cleaning machine. Since the building inspection, the dry cleaning machine has been removed from the premises. It is recommended that the sanitary sewer trap be cleaned to remove residual contaminants.

The sub-slab vapor sample collected at the northwest corner of the basement in the commercial property to the south contained PCE at up to 12,400 $\mu g/m^3$; however, the PCE concentration decreased to below the VRSL in the most recent samples. A comprehensive vapor intrusion assessment conducted at the adjacent residence to the east did not reveal sub-slab vapor or indoor air concentrations of Site contaminants exceeding residential VRSLs or VALs. TCE was detected in a single indoor air sample at a concentration equal to the residential VAL; however, that result was not repeated in subsequent samples indicating a temporary indoor air source of

TCE. The results of utility corridor investigations indicate that vapors are not migrating preferentially along the utility lines or associated backfill.

Based on the exposure risk factors associated with the CVOCs in soil and vapor, source control is warranted to protect groundwater and prevent inhalation of vapors in the Site building and adjacent commercial building to the south. Soil vapor extraction (SVE) has been identified as a likely remedial option at the Site. Implementation of SVE would remove contaminant mass from the source areas and mitigate the vapor intrusion risk to the Site building and off-site commercial property. EnviroForensics recommends that a remediation work plan be prepared and submitted for regulatory approval.

Tables

TABLE 1
MONITORING WELL CONSTRUCTION DETAILS
One Hour Martinizing
6737 W. Milwaukee Avenue, Wauwatosa, Wisconsin

Well ID	Date Installed	Well Diameter (inches)	Northing	Easting	Ground Elevation (feet AMSL)	TOC Elevation (feet AMSL)	Top Screen Elevation (feet AMSL)	Bottom Screen Elevation (feet AMSL)	Screened Interval (feet below TOC)	Total Depth (feet below TOC)
MW-1	1/13/2015	2	389,530.33	2,535,547.80	725.35	725.02	673.1	663.1	51.96 - 61.96	61.96
MW-2	1/14/2015	2	389,560.04	2,535,544.03	724.94	724.59	674.7	664.7	49.90 - 59.90	59.90
MW-3	1/14/2015	2	389,610.78	2,535,498.60	724.34	723.94	674.9	664.9	49.08 - 59.08	59.08
MW-4	1/15/2015	2	389,562.03	2,535,463.25	723.05	722.74	674.6	664.6	48.10 - 58.10	58.10

Notes:
Coordinates are referenced to Wisconsin State Plane, NAD 83, Southern Zone
AMSL = above mean sea level
bgs = below ground surface
TOC = top of casing

TABLE 2
GROUNDWATER ELEVATION DATA SUMMARY
One Hour Martinizing
6737 W. Milwaukee Avenue, Wauwatosa, Wisconsin

Well Identification	Date	TOC Elevation (feet AMSL)	Depth to Water (feet below TOC)	Groundwater Elevation (feet AMSL)
MW-1	2/2/2015	725.02	52.35	672.67
	4/15/2015	725.02	52.77	672.25
	7/28/2015	725.02	52.31	672.71
	10/1/2015	725.02	52.65	672.37
MW-2	2/2/2015	724.59	51.98	672.61
	4/15/2015	724.59	52.37	672.22
	7/28/2015	724.59	51.91	672.68
	10/1/2015	724.59	52.26	672.33
MW-3	2/2/2015	723.94	51.34	672.60
	4/15/2015	723.94	51.72	672.22
	7/28/2015	723.94	51.28	672.66
	10/1/2015	723.94	51.61	672.33
MW-4	2/2/2015	722.74	48.80	673.94
	4/15/2015	722.74	48.43	674.31
	7/28/2015	722.74	47.80	674.94
	10/1/2015	722.74	48.01	674.73

Notes:
AMSL = above mean sea level
TOC = top of casing

TABLE 3

SOIL ANALYTICAL RESULTS SUUMARY

One Hour Martinizing

6737 W. Milwaukee Avenue, Wauwatosa, Wisconsin

Boring Identification	Date Sampled	Sample Depth (feet)	Tetrachloroethene	cis-1,2-Dichloroethene	Benzene	n-Butylbenzene	sec-Butylbenzene	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	Methylene Chloride	Naphthalene	n-Propylbenzene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Total Xylene
Soil Residual Contaminant Level - Soil to Goundwater			**4.5**	**41.2**	**5.1**	**N.E.**	**N.E.**	**1,570**	**N.E.**	**N.E.**	**2.6**	**658**	**N.E.**	**1,107**	**1,382**		**3,940**
Soil Residual Contaminant Level - Direct Contact (Residential)			**30,700**	**156,000**	**1,490**	**N.E.**	**N.E.**	**7,470**	**N.E.**	**N.E.**	**60,700**	**5,150**	**N.E.**	**818,000**	**89,800**	**182,000**	**258,000**
Soil Residual Contaminant Level - Direct Contact (Industrial)			**153,000**	**2,040,000**	**7410**	**N.E.**	**N.E.**	**37,000**	**N.E.**	**N.E.**	**1,070,000**	**26,000**	**N.E.**	**818,000**	**219,000**	**182,000**	**258,000**
GP-1	5/8/2008	2-4'	<26	<26	<26	<26	<26	<26	<26	<26	<52	<52	<26	<26	<26	<26	<89
		18-20'	**78**	<26	<26	<26	<26	<26	<26	<26	**73**	<51	<26	<26	<26	<26	<87
HP-1	5/8/2008	2-4'	**270**	<27	<27	<27	<27	<27	<27	<27	<54	<54	<27	<27	<27	<27	<91
		10-12'	**510**	<26	<26	<26	<26	<26	<26	<26	<52	<52	<26	<26	<26	<26	<88
HP-2	5/8/2008	2-4'	<27	<27	<27	<27	<27	<27	<27	<27	<54	<54	<27	<27	<27	<27	<92
		10-12'	**390**	<26	<26	<26	<26	<26	<26	<26	<52	<52	<26	<26	<26	<26	<88
6140-HA-1	11/5/2009	2-3'	**48.6J**	<25.0	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0
		6-6.5'	**113**	<25.0	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0
6140-DP-2	11/5/2009	2-4'	**196**	<625	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0
		10-12'	**183**	<62.5	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0
6140-DP-3	11/5/2009	2-4'	<25.0	<25.0	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0
		10-12'	**53.2J**	<25.0	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0
6140-DP-4	11/5/2009	2-4'	**357**	<25.0	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0
		10-12'	**214**	**28.9J**	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0
		14-16'	**131**	<25.0	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0
6140-DP-5	11/5/2009	2-4'	<25.0	<25.0	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0
		10-12'	**31.8J**	<25.0	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0
6140-DP-6	11/18/2010	4-6'	<25.0	<25.0	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0
		18-20'	<50.0	<50.0	**439**	551	298	**6,240**	203	<50.0	<50.0	**1,360**	1,110	**10,900**	**7,560**	**2,090**	**27,200**
		30-32'	<25.0	<25.0	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0
6140-DP-7	11/18/2010	2-4'	<625	<625	<625	<1010	4,630	**11,100**	2,440	3,260	<625	**15,400**	13,400	<625	**118,000**	**38,200**	**85,200**
		10-12'	<62.5	<62.5	<62.5	<101	544	**4,670**	755	395	<62.5	**2,270**	3,650	<62.5	**20,200**	**6,610**	**9,726**
		30-32'	<25.0	<25.0	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0
6140-DP-8	11/18/2010	2-4'	<25.0	<25.0	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0
		10-12'	<25.0	<25.0	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0
		30-32'	<25.0	<25.0	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0
6140-DP-9	11/18/2010	2-4'	**46.7J**	<25.0	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0
		18-20'	**115**	<25.0	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0
		30-32'	<25.0	<25.0	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0

TABLE 3

SOIL ANALYTICAL RESULTS SUUMARY

One Hour Martinizing

6737 W. Milwaukee Avenue, Wauwatosa, Wisconsin

Boring Identification	Date Sampled	Sample Depth (feet)	Tetrachloroethene	cis-1,2-Dichloroethene	Benzene	n-Butylbenzene	sec-Butylbenzene	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	Methylene Chloride	Naphthalene	n-Propylbenzene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Total Xylene
Soil Residual Contaminant Level - Soil to Goundwater			**4.5**	**41.2**	**5.1**	**N.E.**	**N.E.**	**1,570**	**N.E.**	**N.E.**	**2.6**	**658**	**N.E.**	**1,107**	**1,382**		**3,940**
Soil Residual Contaminant Level - Direct Contact (Residential)			**30,700**	**156,000**	**1,490**	**N.E.**	**N.E.**	**7,470**	**N.E.**	**N.E.**	**60,700**	**5,150**	**N.E.**	**818,000**	**89,800**	**182,000**	**258,000**
Soil Residual Contaminant Level - Direct Contact (Industrial)			**153,000**	**2,040,000**	**7410**	**N.E.**	**N.E.**	**37,000**	**N.E.**	**N.E.**	**1,070,000**	**26,000**	**N.E.**	**818,000**	**219,000**	**182,000**	**258,000**
6140-DP-10	11/18/2010	2-4'	<25.0	<25.0	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0
		10-12'	<25.0	<25.0	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0
		30-32'	**32.9J**	<25.0	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0
6140-DP-11	11/18/2010	2-4'	<25.0	<25.0	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0
		10-12'	<25.0	<25.0	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0
		30-32'	**46.7J**	<25.0	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0
6140-DP-12	10/23/2012	2.5'-5'	<11	<8.1	<4.9	<8.5	<10	<8.3	<17	<12	<45	<33	<12	<7.6	<14	<14	<4.5
		10'-12.5'	<8.2	<14	<3.6	<6.3	<7.5	<6.2	<12	<9.0	<33	<24	<8.6	<5.6	<10	<10	<3.3
		32.5'-35'	**48**	<5.5	<3.3	<5.8	<6.9	<5.6	<11	<8.3	<31	<22	<7.8	<5.1	<9.4	<9.2	<3.1
6140-DP-13	10/23/2012	2.5'-5'	**530**	<5.5	<3.3	<5.7	<6.9	<5.6	<11	<8.2	<30	<22	<5.7	<5.1	<9.4	<9.2	<3.0
		10'-12.5'	**110**	<5.3	<3.2	<5.6	<6.6	<5.4	<11	<8.0	<29	<21	<7.5	<5.0	<9.1	<8.9	<2.9
		32.5'-35'	**34 J**	<6.7	<4.1	<7.0	<8.4	<6.9	<14	<10	<37	<27	<9.6	<6.3	<12	<11	<3.7
6140-DP-14	10/23/2012	50'-52'	**21 J**	<5.5	<3.3	<5.8	<6.9	<5.6	<11	<8.3	<31	<22	<7.8	<5.1	<9.4	<9.3	<3.1
6140-DP-15	3/7/2013	54'	<14	<10	<6.3	<11	<13	<11	<21	<16	<58	<42	<15	<9.7	<18	<17	<5.8
6140-UHA-1	7/10/2013	3'-4'	<19	<14	<8.5	<15	<18	<14	<29	<21	<78	<56	<20	<13	<24	<24	<7.8
6140-UHA-2	7/10/2013	4'-5'	<16	<12	<7.1	<12	<15	<12	<24	<18	<65	<47	<17	<11	<20	<20	<6.5

Notes:

Residual Contaminant Levels (RCL) are based on Wisconsin Department of Natural Resources NR 720 Wisconsin Administrative Code and publication RR-890.

Units are in micrograms per kilogram = µg/kg

VOCs = volatile organic compounds

Bolded and Shaded blue values are above WDNR generic Soil to Groundwater Residual Contaminant Levels

Bolded and Shaded green values are above WDNR generic Soil Residential Direct Contact Residual Contaminant Levels

J = Analyte concentration detected between the laboratory Reporting Limit and the laboratory Method Detection Limit

N.E. = Not Established

TABLE 4
GRAB GROUNDWATER SAMPLE ANALYTICAL RESULTS SUMMARY
One Hour Martinizing
6737 W. Milwaukee Avenue, Wauwatosa, Wisconsin

Boring Identification	Sample Depth (feet)	Sample Date	Benzene	Toluene	Tetrachloroethene
6140-DP-15	57	3/7/2013	**0.3**	**0.27**	<0.17
Public Health Enforcement Standard			**5**	**1,000**	**5**
Public Health Preventive Action Limit			**0.5**	**200**	**0.5**

Notes:
All concentrations reported in micrograms per liter (µg/L)
Samples analyzed using EPA SW-846 Method 8260
Bolded value indicates the compound was detected

TABLE 5
GROUNDWATER SAMPLE ANALYTICAL RESULTS SUMMARY
One Hour Martinizing
6737 W. Milwaukee Avenue, Wauwatosa, Wisconsin

Monitoring Well Identification	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride
6140-MW-1	2/2/2015	<0.74	<0.47	<0.45	<0.54	<0.17
	4/15/2015	<0.74	<0.47	<0.45	<0.54	<0.17
	7/28/2015	<0.49	<0.47	<0.45	<0.54	<0.17
	10/1/2015	<0.49	<0.47	<0.45	<0.54	<0.17
6140-MW-2	2/2/2015	<0.74	<0.47	<0.45	<0.54	<0.17
	4/15/2015	<0.74	<0.47	<0.45	<0.54	<0.17
	7/28/2015	<0.49	<0.47	<0.45	<0.54	<0.17
	10/1/2015	<0.49	<0.47	<0.45	<0.54	<0.17
6140-MW-3	2/2/2015	<0.74	<0.47	<0.45	<0.54	<0.17
	4/15/2015	<0.74	<0.47	<0.45	<0.54	<0.17
	7/28/2015	<0.49	<0.47	<0.45	<0.54	<0.17
	10/1/2015	<0.49	<0.47	<0.45	<0.54	<0.17
6140-MW-4	2/2/2015	<0.74	<0.47	<0.45	<0.54	<0.17
	4/15/2015	<0.74	<0.47	<0.45	<0.54	<0.17
	7/28/2015	<0.49	<0.47	<0.45	<0.54	<0.17
	10/1/2015	<0.49	<0.47	<0.45	<0.54	<0.17
Public Health Enforcement Standard		**5**	**5**	**70**	**100**	**0.2**
Public Health Preventive Action Limit		**0.5**	**0.5**	**7**	**20**	**0.02**

Notes:
All concentrations reported in micrograms per liter (µg/L)
Samples analyzed using EPA SW-846 Method 8260

TABLE 6
SOIL GAS ANALYTICAL RESULTS SUMMARY
One Hour Martinizing
6737 W. Milwaukee Avenue, Wauwatosa, Wisconsin

Sample Identification	Date Sampled	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	1,2,4-Trimethylbenzene	1,1,2-Trichloro-1,2,2-trifluoroethane	Ethanol	Acetone	Carbon Disulfide	Benzene	4-Ethyltoluene	Ethylbenzene	Toluene	2-Butanone	Chloroethane	Cyclohexane	n-Heptane	n-Hexane	Xylenes, Total
Vapor Risk Screening Level (Shallow - Small Commercial)		**6,000**	**293**	**N.E.**	**N.E.**	**933**	**1,033**	**4,333,333**	**N.E.**	**46,666,667**	**103,333**	**533**	**N.E.**	**1,633**	**733,333**	**733,333**	**N.E.**	**8,666,667**	**N.E.**	**103,333**	**14,667**
Vapor Risk Screening Level (Deep Soil Gas)		**18,000**	**880**	**N.E.**	**N.E.**	**2,800**	**3,100**	**13,000,000**	**N.E.**	**14,000,000**	**310,000**	**1,600**	**N.E.**	**4,900**	**2,200,000**	**2,200,000**	**N.E.**	**2,600,000**	**N.E.**	**310,000**	**44,000**
Vapor Risk Screening Level (Residential)		**1,400**	**70**	**N.E.**	**N.E.**	**57**	**243**	**1,033,333**	**N.E.**	**10,666,667**	**24,333**	**120**	**N.E.**	**367**	**173,333**	**1,733,333**	**N.E.**	**2,100,000**	**N.E.**	**24,333**	**3,333**
6140-SG-1 (Commercial)	11/19/2010	**390**	NA	NA	NA	NA	**9.0**	**38**	**17**	**150**	**4.0**	<3.4	**11**	**75**	**520**	**25**	<2.8	<3.7	**9.4**	<3.8	**314**
6140-SG-2 (Commercial)	11/19/2010	**160**	NA	NA	NA	NA	**9.0**	<7.7	<7.6	**37**	<3.1	<3.2	12	**110**	**940**	**3.1**	<2.7	<3.5	**8.8**	<3.6	**433**
6140-SG-3 (Residential)	11/19/2010	**180**	NA	NA	NA	NA	**6.1**	<7.7	**20**	**58**	<3.1	**4.1**	**7.6**	**50**	**370**	**8.4**	<2.7	**5.8**	**9.3**	**7.4**	**206**
6140-SG-4 (Residential)	11/19/2010	**1,500**	NA	NA	NA	NA	**10**	<8.0	<7.9	**17**	<3.2	**4.4**	11	**54**	**260**	**4.2**	**9.9**	<3.6	**6.4**	**3.7**	**242**
6140-SG-4s (Commercial)	2/6/2015	**468**	<10.7	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/16/2015	**241**	<10.7	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
6140-SG-4d (Commercial)	2/6/2015	**1,870**	<10.7	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/16/2015	**1,180**	<10.7	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
6140-SG-5s (Commercial)	2/6/2015	**1,240**	<10.7	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/16/2015	**321**	<10.7	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
6140-SG-5d (Commercial)	2/6/2015	**686**	<10.7	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/16/2015	**952**	<10.7	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
6140-SG-6s (Commercial)	2/6/2015	**475**	<10.7	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/16/2015	**334**	**11.8**	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
6140-SG-6d (Commercial)	2/6/2015	**4,710**	<10.7	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/16/2015	**1,330**	<10.7	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
6140-SG-7s (Commercial)	2/6/2015	<31.9	<10.7	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/16/2015	**625**	<10.7	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
6140-SG-7d (Commercial)	2/6/2015	**2,130**	**19.3**	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/16/2015	**1,480**	<10.7	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 6
SOIL GAS ANALYTICAL RESULTS SUMMARY
One Hour Martinizing
6737 W. Milwaukee Avenue, Wauwatosa, Wisconsin

Sample Identification	Date Sampled	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	1,2,4-Trimethylbenzene	1,1,2-Trichloro-1,2,2-trifluoroethane	Ethanol	Acetone	Carbon Disulfide	Benzene	4-Ethyltoluene	Ethylbenzene	Toluene	2-Butanone	Chloroethane	Cyclohexane	n-Heptane	n-Hexane	Xylenes, Total
Vapor Risk Screening Level (Shallow - Small Commercial)		**6,000**	**293**	**N.E.**	**N.E.**	**933**	**1,033**	**4,333,333**	**N.E.**	**46,666,667**	**103,333**	**533**	**N.E.**	**1,633**	**733,333**	**733,333**	**N.E.**	**8,666,667**	**N.E.**	**103,333**	**14,667**
Vapor Risk Screening Level (Deep Soil Gas)		**18,000**	**880**	**N.E.**	**N.E.**	**2,800**	**3,100**	**13,000,000**	**N.E.**	**14,000,000**	**310,000**	**1,600**	**N.E.**	**4,900**	**2,200,000**	**2,200,000**	**N.E.**	**2,600,000**	**N.E.**	**310,000**	**44,000**
Vapor Risk Screening Level (Residential)		**1,400**	**70**	**N.E.**	**N.E.**	**57**	**243**	**1,033,333**	**N.E.**	**10,666,667**	**24,333**	**120**	**N.E.**	**367**	**173,333**	**1,733,333**	**N.E.**	**2,100,000**	**N.E.**	**24,333**	**3,333**

Notes:

Vapor Risk Screeing Levels are calculated according to procedures described in Publication RR-800

All concentrations reported in untis of micrograms per cubic meter ($\mu g/m^3$)

Bolded values are above detection limits

Bolded and Green Shaded values exceed the residential shallow soil gas Vapor Risk Screening Level

N.E. = Not Established

NA = Not Analyzed

TABLE 7
SUB-SLAB VAPOR ANALYTICAL RESULTS SUMMARY
One Hour Martinizing
6737 West Milwaukee Avenue, Wauwatosa, Wisconsin

Property/Use	Location Identification (see Figure 12)	Laboratory Identification	Date Sampled	Tetrachloroethene	Trichloroethene	cis-1,2,-Dichloroethene	trans-1,2,-Dichloroethene	Vinyl Chloride	Acetone	Benzene	2-Butanone	Carbon Disulfide	Cyclohexane	Dichlorodifluoromethane	Ethanol	Ethylbenzene	4-Ethyltoluene
6721 Milwaukee Avenue/ Residential	SS-1	6140-SS-1	10/23/2012	**210**	< 11	<7.9	NA	<5.1	NA	<6.4	NA	NA	NA	< 9.9	NA	< 8.7	NA
		6140-6721-SS-1	9/12/2014	**1,050**	<10.7	<198	<396	<12.8	<23800	<16.0	<29500	<3110	<55100	<495	NA	<86.6	<4920
			1/23/2015	**741**	<10.7	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
			5/6/2015	**812**	<10.7	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SS-2	6140-SS-2	10/23/2012	**380**	< 11	<7.9	NA	<5.1	NA	**24**	NA	NA	NA	< 9.9	NA	< 8.7	NA
		6140-6721-SS-2	9/12/2014	**340**	<10.7	<198	<396	<12.8	<23800	<16.0	<29500	<3110	<55100	<495	NA	<86.6	<4920
			1/23/2015	**454**	<10.7	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
			5/6/2015	**301**	<10.7	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
One Hour Martinizing/ Commercial	SSV-1	6140-OHM-SSV-1	4/5/2013	**390**	< 1.1	<1.6	<1.6	<0.53	**200**	**3.6**	**31.1**	**7.6**	**5.0**	**2.5**	**125**	**5.5**	**6.8**
			5/19/2015	**1,220**	<10.7	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SSV-2	6140-OHM-SSV-2	4/5/2013	**6,740**	**10**	<1.7	<1.7	<0.55	**397**	**22.0**	**26.1**	**3.2**	**42.8**	< 2.1	**152**	**26.9**	**13.5**
			5/19/2015	**20,600**	**26**	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
1536 North 68th Street/ Commercial	SSV-1	6140-1536-SSV-1	1/14/2014	**12,400**	**29**	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
			5/15/2014	**2,500**	<10.7	<198	<396	<12.8	<23,800	<16	<29,500	<3,110	<55,100	<495	NA	<86.8	<4,920
			1/23/2015	**1,110**	<10.7	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
			5/6/2015	**3,800**	<10.7	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SSV-2	6140-1536-SSV-2	1/14/2014	**423**	<10.7	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
			5/15/2014	**137**	<10.7	<198	<396	<12.8	<23,800	<16	<29,500	<3,110	<55,100	<495	NA	<86.8	<4,920
			1/23/2015	**337**	<10.7	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
			5/6/2015	**157**	<10.7	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SSV-3	6140-1536-SSV-3	1/14/2014	**153**	<10.7	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
			5/15/2014	**139**	<10.7	<198	<396	<12.8	<23,800	<16	<29,500	<3,110	<55,100	<495	NA	<86.8	<4,920
			1/23/2015	**195**	<10.7	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
			5/6/2015	**157**	<10.7	<198	<396	<12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vapor Risk Screening Level (Small Commercial)				**6,000**	**293**	**N.E.**	**N.E.**	**933**	**46,666,667**	**533**	**733,333**	**103,333**	**8,666,667**	**146,667**	**N.E.**	**1,633**	**N.E.**
Vapor Risk Screening Level (Residential)				**1,400**	**70**	**N.E.**	**N.E.**	**57**	**10,666,667**	**120**	**1,733,333**	**24,333**	**2,100,000**	**3,333**	**N.E.**	**367**	**N.E.**

Notes:

Vapor Risk Screeing Levels are calculated according to procedures described in Publication RR-800

All concentrations reported in untis of micrograms per cubic meter (µg/m3)

Bolded values are above detection limits

Bolded and Orange Shaded values exceed the Small Commercial Vapor Risk Screening Level

Bolded and Blue Shaded values exceed the Residential Vapor Risk Screening Level

N.E. = Not Established

NA = Compound not analyzed

TABLE 7
SUB-SLAB VAPOR ANALYTICAL RESULTS SUMMARY
One Hour Martinizing
6737 West Milwaukee Avenue, Wauwatosa, Wisconsin

Property/Use	Location Identification (see Figure 12)	Laboratory Identification	Date Sampled	n-Heptane	n-Hexane	2-Hexanone	4-Methyl-2-pentanone	Methylene Chloride	Napthalene	2-propanol	1,1,2-Trichlorotrifluoroethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Toluene	m&p-Xylene	o- Xylene
6721 Milwaukee Avenue/ Residential	SS-1	6140-SS-1	10/23/2012	NA	NA	NA	NA	**18**	NA	NA	NA	< 9.8	< 9.8	<7.5	< 8.7	< 8.7
		6140-6721-SS-1	9/12/2014	<4100	<1760	<205	<20500	<417	NA	NA	<5620	<49.2	<49.2	<37700	<434	<434
			1/23/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			5/6/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SS-2	6140-SS-2	10/23/2012	NA	NA	NA	NA	**17**	NA	NA	NA	< 9.8	< 9.8	**36**	**10**	< 8.7
		6140-6721-SS-2	9/12/2014	<4100	<1760	<205	<20500	<417	NA	NA	<5620	<49.2	<49.2	<37700	<434	<434
			1/23/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			5/6/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
One Hour Martinizing/ Commercial	SSV-1	6140-OHM-SSV-1	4/5/2013	**8.2**	**9.3**	**6.9**	**7.9**	**4.9**	**4.8**	**128**	**7.4**	**10.2**	**6.8**	**9.5**	**11.5**	**7.3**
			5/19/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SSV-2	6140-OHM-SSV-2	4/5/2013	**67.9**	**92.1**	< 1.7	< 1.7	**4.7**	**4.3**	**51.8**	< 3.4	**36.2**	**14.3**	**42.9**	**71.7**	**26.3**
			5/19/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1536 North 68th Street/ Commercial	SSV-1	6140-1536-SSV-1	1/14/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			5/15/2014	<4,100	<1,760	<205	<20,500	<417	NA	NA	NA	<49.2	<49.2	<37,700	<434	<434
			1/23/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			5/6/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SSV-2	6140-1536-SSV-2	1/14/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			5/15/2014	<4,100	<1,760	<205	<20,500	<417	NA	NA	NA	<49.2	<49.2	<37,700	<434	<434
			1/23/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			5/6/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SSV-3	6140-1536-SSV-3	1/14/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			5/15/2014	<4,100	<1,760	<205	<20,500	<417	NA	NA	NA	<49.2	<49.2	<37,700	<434	<434
			1/23/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			5/6/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vapor Risk Screening Level (Small Commercial)				**N.E.**	**103,333**	**43,333**	**43,333**	**86,667**	**1,200**	**1,033,333**	**4,333,333**	**10,333**	**N.E.**	**733,333**	**14,667**	**14,667**
Vapor Risk Screening Level (Residential)				**N.E.**	**24,333**	**10,333**	**10,333**	**21,000**	**277**	**433,333**	**1,033,333**	**2,433**	**N.E.**	**173,333**	**3,333**	**3,333**

Notes:

Vapor Risk Screeing Levels are calculated according to procedures described in Publication RR-800

All concentrations reported in untis of micrograms per cubic meter (µg/m3)

Bolded values are above detection limits

Bolded and Orange Shaded values exceed the Small Commercial Vapor Risk Screening Level

Bolded and Blue Shaded values exceed the Residential Vapor Risk Screening Level

N.E. = Not Established

NA = Compound not analyzed

TABLE 8
UTILITY CORRIDOR SOIL GAS ANALYTICAL RESULTS SUMMARY
One Hour Martinizing
6737 W. Milwaukee Avenue, Wauwatosa, Wisconsin

Sample Identification	Date Sampled	Tetrachloroethene
6140-UHA-1 (Commercial)	7/10/2013	**120**
6140-UHA-2 (Commercial)	7/10/2013	**110**
Vapor Risk Screening Level (Deep Soil Gas)		**18,000**

Notes:

Vapor Risk Screeing Levels are calculated according to procedures described in Publication RR-800

All concentrations reported in untis of micrograms per cubic meter ($\mu g/m^3$)

Bolded values are above detection limits

TABLE 9
INDOOR/OUTDOOR AIR ANALYTICAL RESULTS SUMMARY
One Hour Martinizing
6737 W. Milwaukee Avenue, Wauwatosa, Wisconsin

Property/Use	Location Identification (see Figure 12)	Laboratory Identification	Date Sampled	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	1,2,4-Trimethylbenzene	Trichlorofluoromethane	Dichlorodifluoromethane	Chloromethane	Methylene Chloride	Benzene	Toluene	Xylenes, Total
Vapor Action Level (Non-residential)				**180**	**8.8**	**N.E.**	**31**	**3,100**	**440**	**340**	**2,600**	**16**	**22,000**	**440**
Vapor Action Level (Residential)				**42**	**2.1**	**N.E.**	**7.3**	**730**	**100**	**94**	**630**	**3.6**	**5,200**	**100**
6721 Milwaukee Avenue/ Residential	OA	6140-OA	10/24/2012	**1.8**	<1.1	<0.79	<0.98	**1.4**	**2.1**	**1.4**	**2.8**	<0.64	**1.5**	**0.91**
		6140-6721-OA	9/11/2014	<3.19	<1.07	<19.8	<4.92	<562	<49.5	<20.6	<41.7	<1.60	<3770	<86.8
			1/23/2015	<3.19	<1.07	<19.8	NA	NA	NA	NA	NA	NA	NA	NA
			5/6/2015	<3.19	<1.07	<19.8	NA	NA	NA	NA	NA	NA	NA	NA
	FB	6140-IA-1	10/24/2012	<1.4	<1.1	<0.79	**1.3**	**1.5**	**2.6**	**1.4**	**2.2**	**0.64**	**5.2**	**2.2**
		6140-6721-IA-B	9/11/2014	<3.19	<1.07	<19.8	NA	NA	NA	NA	NA	NA	NA	NA
			1/23/2015	<3.19	<1.07	<19.8	NA	NA	NA	NA	NA	NA	NA	NA
			5/6/2015	<3.19	<1.07	<19.8	NA	NA	NA	NA	NA	NA	NA	NA
	F1	6140-IA-2	10/24/2012	<1.4	**2.1**	**1.3**	<0.98	<1.1	**2.4**	**1.8**	<1.7	<0.64	0.92	<0.87
		6140-6721-IA-1	9/11/2014	<3.19	<1.07	<19.8	<4.92	<562	<49.5	<20.6	<41.7	<1.60	<3770	<86.8
			1/23/2015	<3.19	<1.07	<19.8	NA	NA	NA	NA	NA	NA	NA	NA
			5/6/2015	<3.19	<1.07	<19.8	NA	NA	NA	NA	NA	NA	NA	NA
	F2	6140-IA-3	10/24/2012	<1.4	<1.1	<0.79	<0.98	**1.1**	**2.0**	**1.2**	<1.7	**0.75**	**2.3**	**3.0**
		6140-6721-IA-2	9/11/2014	<3.19	<1.07	<19.8	<4.92	<562	<49.5	<20.6	<41.7	<1.60	<3770	<86.8
			1/23/2015	<3.19	<1.07	<19.8	NA	NA	NA	NA	NA	NA	NA	NA
			5/6/2015	<3.19	<1.07	<19.8	NA	NA	NA	NA	NA	NA	NA	NA
One Hour Martinizing/ Commercial	OA	6140-OA-1	1/14/2014	<3.19	<1.07	<19.8	NA	NA	NA	NA	NA	NA	NA	NA
			5/19/2015	<3.19	<1.07	<19.8	NA	NA	NA	NA	NA	NA	NA	NA
	F1	6140-IA-1	1/14/2014	**286**	<1.07	<19.8	NA	NA	NA	NA	NA	NA	NA	NA
			5/19/2015	**1,310**	<1.07	<19.8	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 9
INDOOR/OUTDOOR AIR ANALYTICAL RESULTS SUMMARY
One Hour Martinizing
6737 W. Milwaukee Avenue, Wauwatosa, Wisconsin

Property/Use	Location Identification (see Figure 12)	Laboratory Identification	Date Sampled	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	1,2,4-Trimethylbenzene	Trichlorofluoromethane	Dichlorodifluoromethane	Chloromethane	Methylene Chloride	Benzene	Toluene	Xylenes, Total
Vapor Action Level (Non-residential)				**180**	**8.8**	**N.E.**	**31**	**3,100**	**440**	**340**	**2,600**	**16**	**22,000**	**440**
Vapor Action Level (Residential)				**42**	**2.1**	**N.E.**	**7.3**	**730**	**100**	**94**	**630**	**3.6**	**5,200**	**100**
1536 N. 68th Street/ Commercial	OA	6140-OA-1	5/15/2014	<3.19	<1.07	<19.8	<4.92	<562	<49.5	<20.6	<41.7	<1.6	<3770	<43.4
			1/22/2015	<3.19	<1.07	<19.8	NA	NA	NA	NA	NA	NA	NA	NA
		6140-1536-OA	5/6/2015	<3.19	<1.07	<19.8	NA	NA	NA	NA	NA	NA	NA	NA
	FB1	6140-1536-IA-B-1	5/15/2014	<3.19	<1.07	<19.8	<4.92	<562	<49.5	<20.6	<41.7	<1.6	<3770	<43.4
			1/22/2015	<3.19	<1.07	<19.8	NA	NA	NA	NA	NA	NA	NA	NA
			5/6/2015	<3.19	<1.07	<19.8	NA	NA	NA	NA	NA	NA	NA	NA
	FB2	6140-1536-IA-B-2	5/15/2014	<3.19	<1.07	<19.8	<4.92	<562	<49.5	<20.6	<41.7	<1.6	<3770	<43.4
			1/22/2015	<3.19	<1.07	<19.8	NA	NA	NA	NA	NA	NA	NA	NA
			5/6/2015	<3.19	<1.07	<19.8	NA	NA	NA	NA	NA	NA	NA	NA
	F1	6140-1536-IA-1-1	5/15/2014	<3.19	<1.07	<19.8	<4.92	<562	<49.5	<20.6	<41.7	<1.6	<3770	<43.4
		6140-1536-IA-1	1/22/2015	**4.61**	<1.07	<19.8	NA	NA	NA	NA	NA	NA	NA	NA
			5/6/2015	<3.19	<1.07	<19.8	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Vapor Action Levels are calculated according to procedures described in Publication RR-800

All concentrations reported in untis of micrograms per cubic meter (µg/m3)

Bolded values are above detection limits

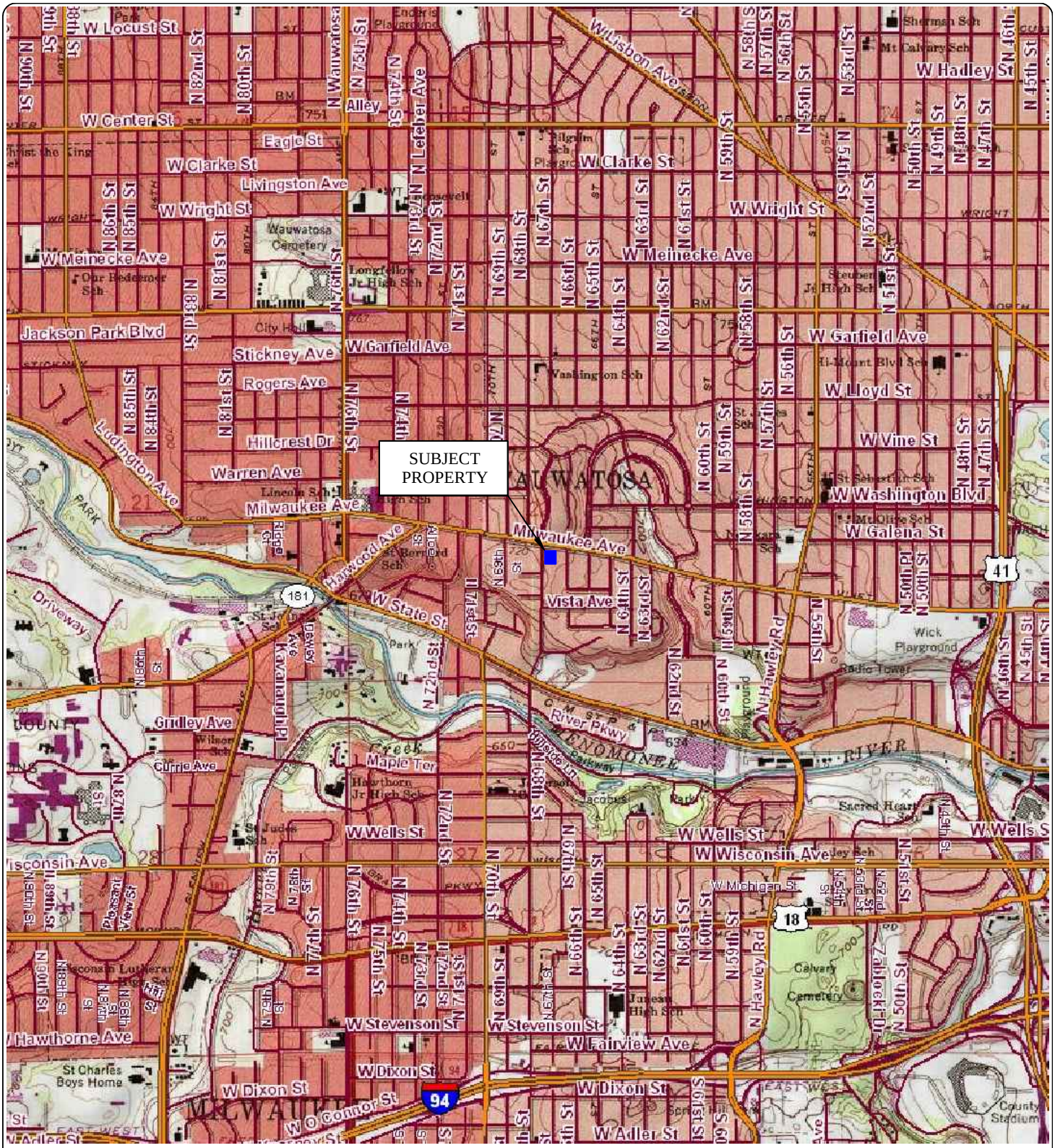
Bolded and Orange Shaded values exceed the Non-Residential Vapor Risk Screening Level

Bolded and Blue Shaded values exceed the Residential Vapor Risk Screening Level

N.E. = Not Established

NA = Compound not analyzed

Figures



Scale 1:24,000

1 1/2 0 1 Mile

1000 0 1000 2000 3000 4000 5000 6000 7000 Feet

1 .5 0 1 Kilometer

N

Source: US Geological Survey, Milwaukee, Wisconsin Quadrangle, 2007

No.	Date	Revision	Approved

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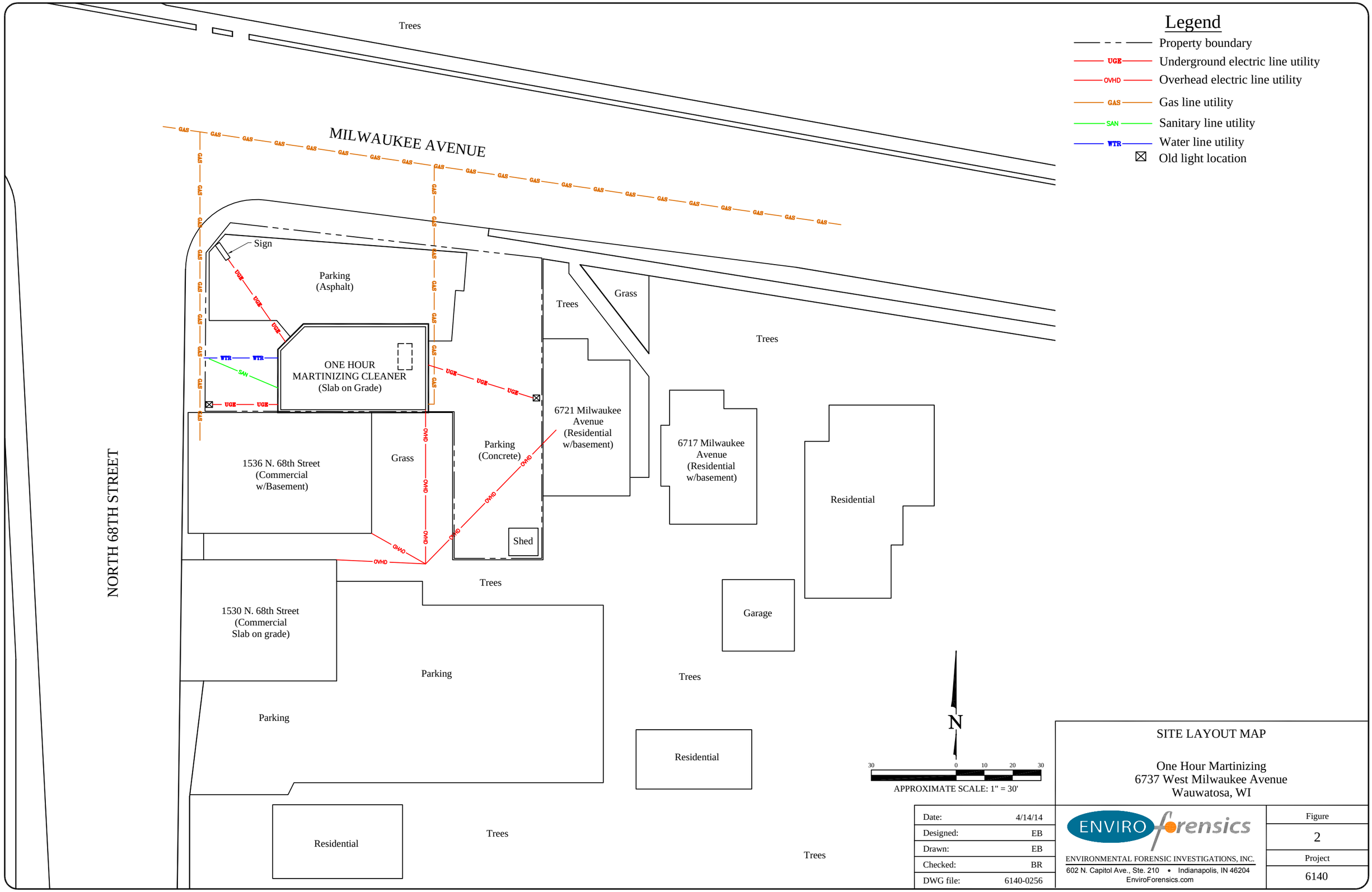
Date:	8/9/13
Designed:	MMM
Drawn:	MMM
Checked:	BK
DWG file:	66372-11

SITE LOCATION MAP

One Hour Martinizing
6737 West Milwaukee Avenue
Wauwatosa, WI

Figure
1
Project
6140

K:\Drawings\6140 Wauwatosa-OHM\Drawing\66372-11.dwg


Legend
Property boundary
UGE Underground electric line utility
OVHD Overhead electric line utility
GAS Gas line utility
SAN Sanitary line utility
WTR Water line utility
Old light location
MILWAUKEE AVENUE
NORTH 68TH STREET
Trees
Sign
Parking (Asphalt)
ONE HOUR MARTINIZING CLEANER (Slab on Grade)
1536 N. 68th Street (Commercial w/Basement)
Grass
Parking (Concrete)
Shed
6721 Milwaukee Avenue (Residential w/basement)
6717 Milwaukee Avenue (Residential w/basement)
Grass
Trees
Trees
Residential
Trees
1530 N. 68th Street (Commercial Slab on grade)
Parking
Parking
Garage
Trees
Residential
Residential
Trees
Trees
N
30 0 10 20 30
APPROXIMATE SCALE: 1" = 30'
SITE LAYOUT MAP
One Hour Martinizing
6737 West Milwaukee Avenue
Wauwatosa, WI
Date: 4/14/14
Designed: EB
Drawn: EB
Checked: BR
DWG file: 6140-0256
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602 N. Capitol Ave., Ste. 210 • Indianapolis, IN 46204
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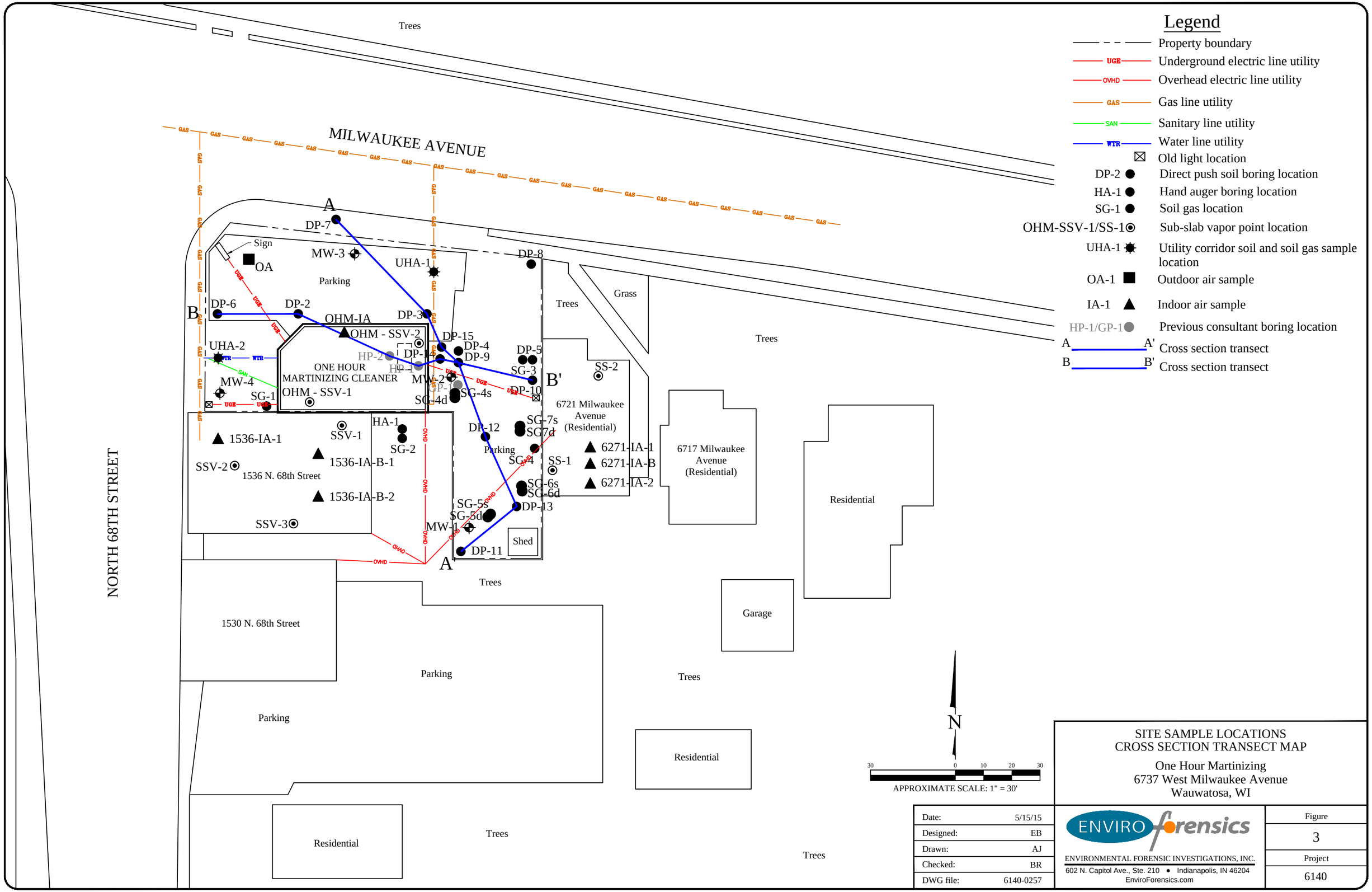
Figure
2
Project
6140



Legend

- Property boundary
- UGE — Underground electric line utility
- OVHD — Overhead electric line utility
- GAS — Gas line utility
- SAN — Sanitary line utility
- WTR — Water line utility
- Old light location
- DP-2 — Direct push soil boring location
- HA-1 — Hand auger boring location
- SG-1 — Soil gas location
- OHM-SSV-1/SS-1 — Sub-slab vapor point location
- UHA-1 — Utility corridor soil and soil gas sample location
- OA-1 — Outdoor air sample
- IA-1 — Indoor air sample
- HP-1/GP-1 — Previous consultant boring location
- A — A' Cross section transect
- B — B' Cross section transect

SITE SAMPLE LOCATIONS
CROSS SECTION TRANSECT MAP

One Hour Martinizing
6737 West Milwaukee Avenue
Wauwatosa, WI

Date:	5/15/15
Designed:	EB
Drawn:	AJ
Checked:	BR
DWG file:	6140-0257

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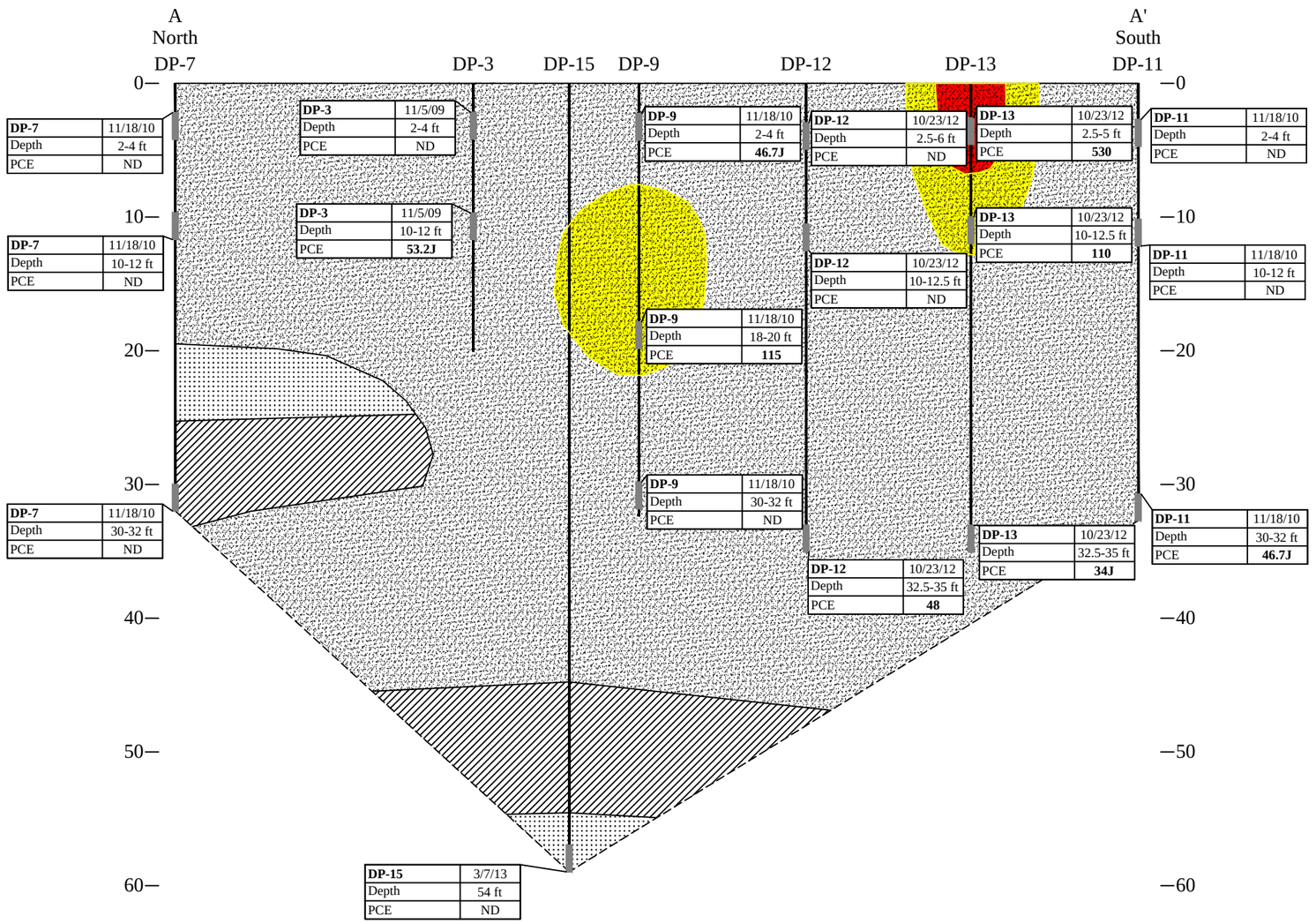
Figure	3
Project	6140



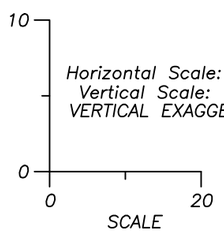
Analytes	Soil Residual Contaminant Level		
	Soil to Groundwater	Residential Direct Contact	Industrial Direct Contact
PCE	**4.4**	**22,000**	**110,000**

Legend

- Concrete/Asphalt
- Fill
- Sand
- Clay
- Gravel

Soil sample depth interval

Dashed boundaries are inferred



Horizontal Scale: 1" = 20'
Vertical Scale: 1" = 10'
VERTICAL EXAGGERATION: 2X

>100 ug/kg PCE concentration in soil

>500 ug/kg PCE concentration in soil

Notes:

1. Bolded values are above WDNR generic Soil to Groundwater Residual Contaminant Levels
2. Results reported in micrograms per kilogram (ug/kg)
3. PCE = Tetrachloroethene
4. J = Analyte concentration detected between the laboratory Reporting Limit and the laboratory Method Detection Limit
5. VOCs = Volatile Organic Compounds

GEOLOGIC CROSS SECTION A-A'

One Hour Martinizing
6737 West Milwaukee Avuenue
Wauwatosa, WI

Date:	4/14/14
Designed:	EB
Drawn:	EB
Checked:	BR
DWG file:	6140-0264

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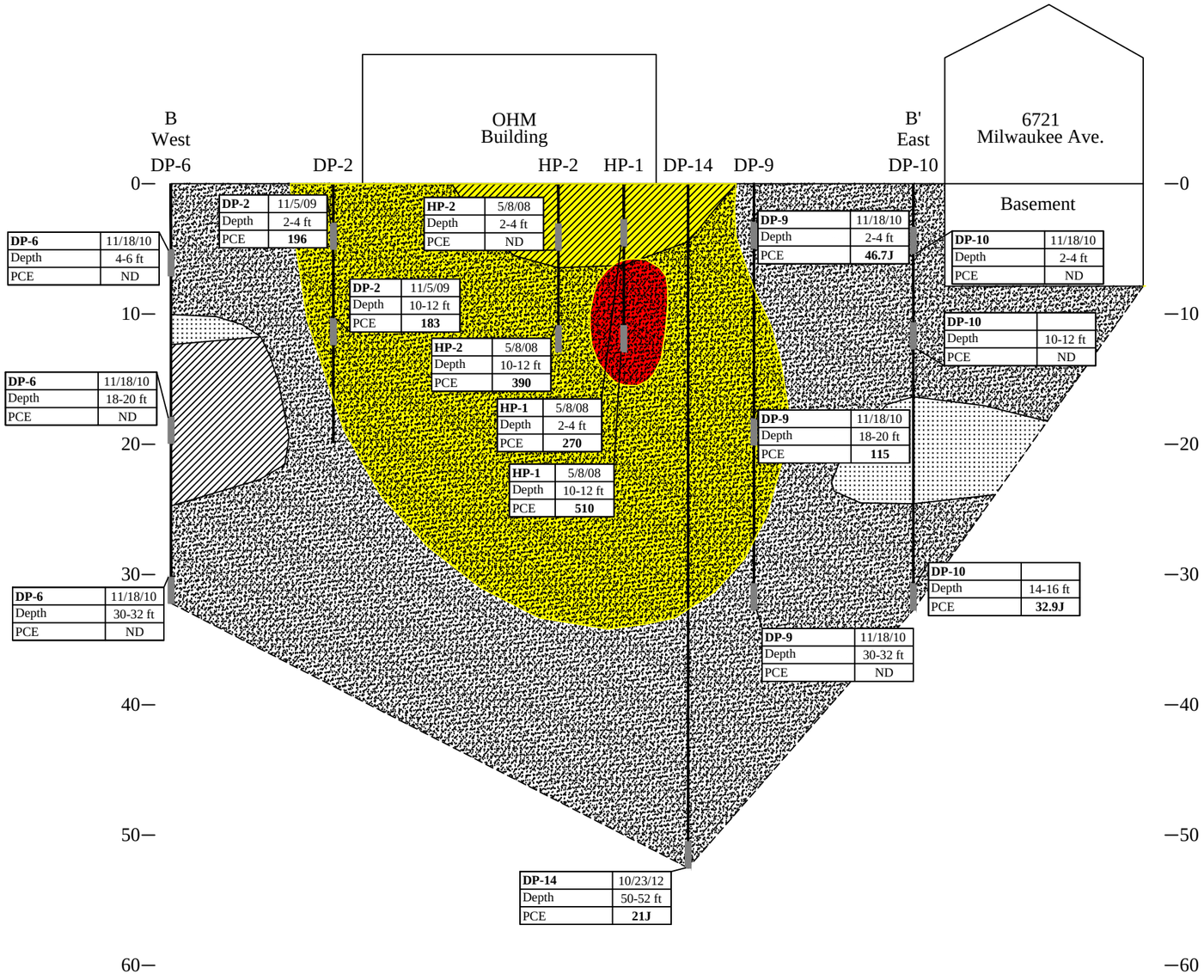
Figure	Project
4	6140



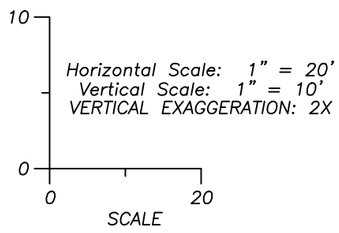
Analytes	Soil Residual Contaminant Level		
	Soil to Groundwater	Residential Direct Contact	Industrial Direct Contact
PCE	**4.4**	**22,000**	**110,000**

Legend

- Concrete/Asphalt
- Fill
- Sand
- Clay
- Gravel

Soil sample depth interval

Dashed boundaries are inferred



Notes:

1. Bolded values are above WDNR generic Soil to Groundwater Residual Contaminant Levels
2. Results reported in micrograms per kilogram (ug/kg)
3. PCE = Tetrachloroethene
4. J = Analyte concentration detected between the laboratory Reporting Limit and the laboratory Method Detection Limit
5. VOCs = Volatile Organic Compounds

>100 ug/kg PCE concentration in soil

>500 ug/kg PCE concentration in soil

GEOLOGIC CROSS SECTION B-B'

One Hour Martinizing
6737 West Milwaukee Avuenue
Wauwatosa, WI

Date:	4/14/14
Designed:	EB
Drawn:	EB
Checked:	BR
DWG file:	6140-0264

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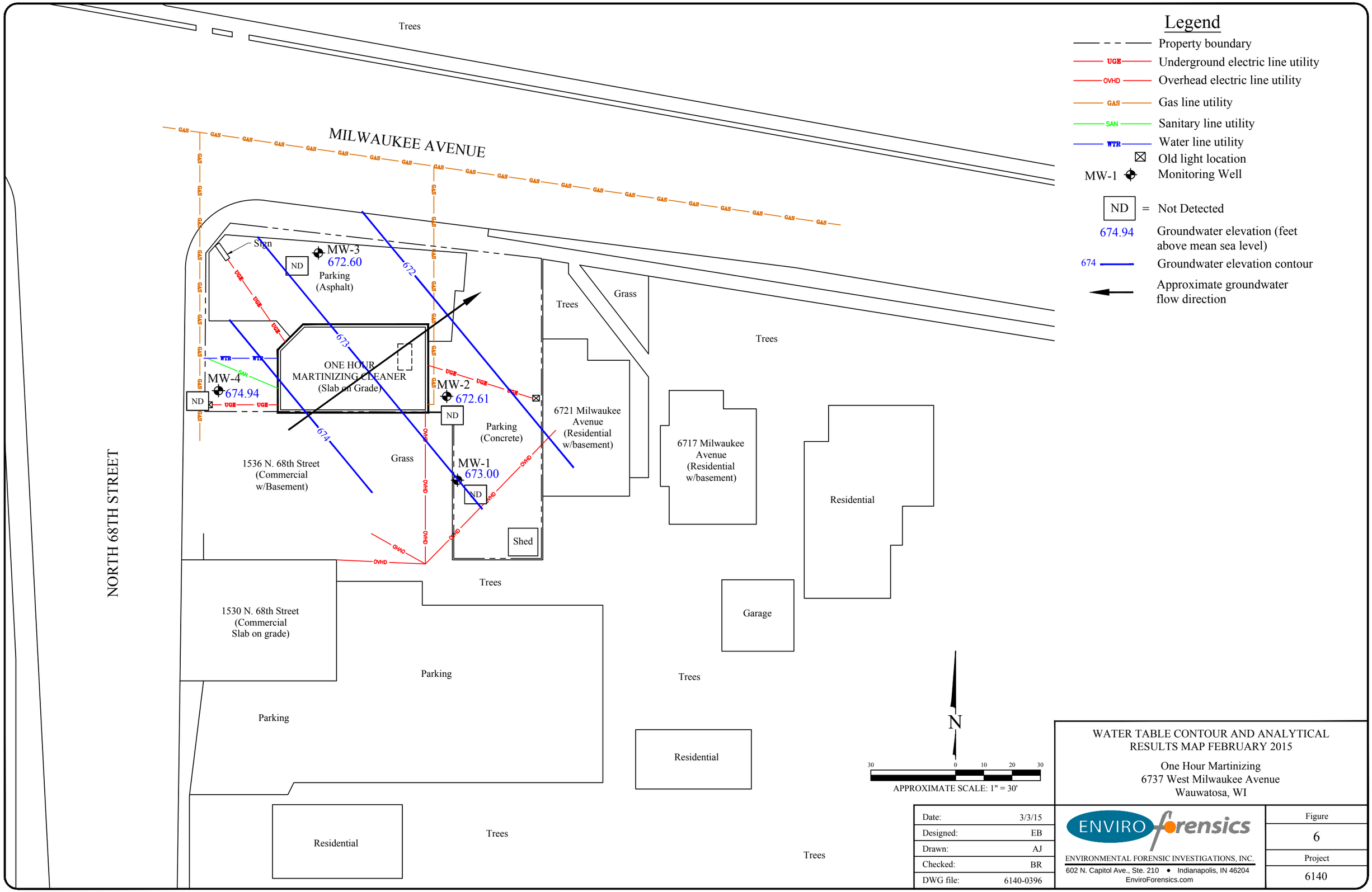
Figure 5

Project 6140



WATER TABLE CONTOUR AND ANALYTICAL RESULTS MAP FEBRUARY 2015

One Hour Martinizing
6737 West Milwaukee Avenue
Wauwatosa, WI

Date:	3/3/15
Designed:	EB
Drawn:	AJ
Checked:	BR
DWG file:	6140-0396

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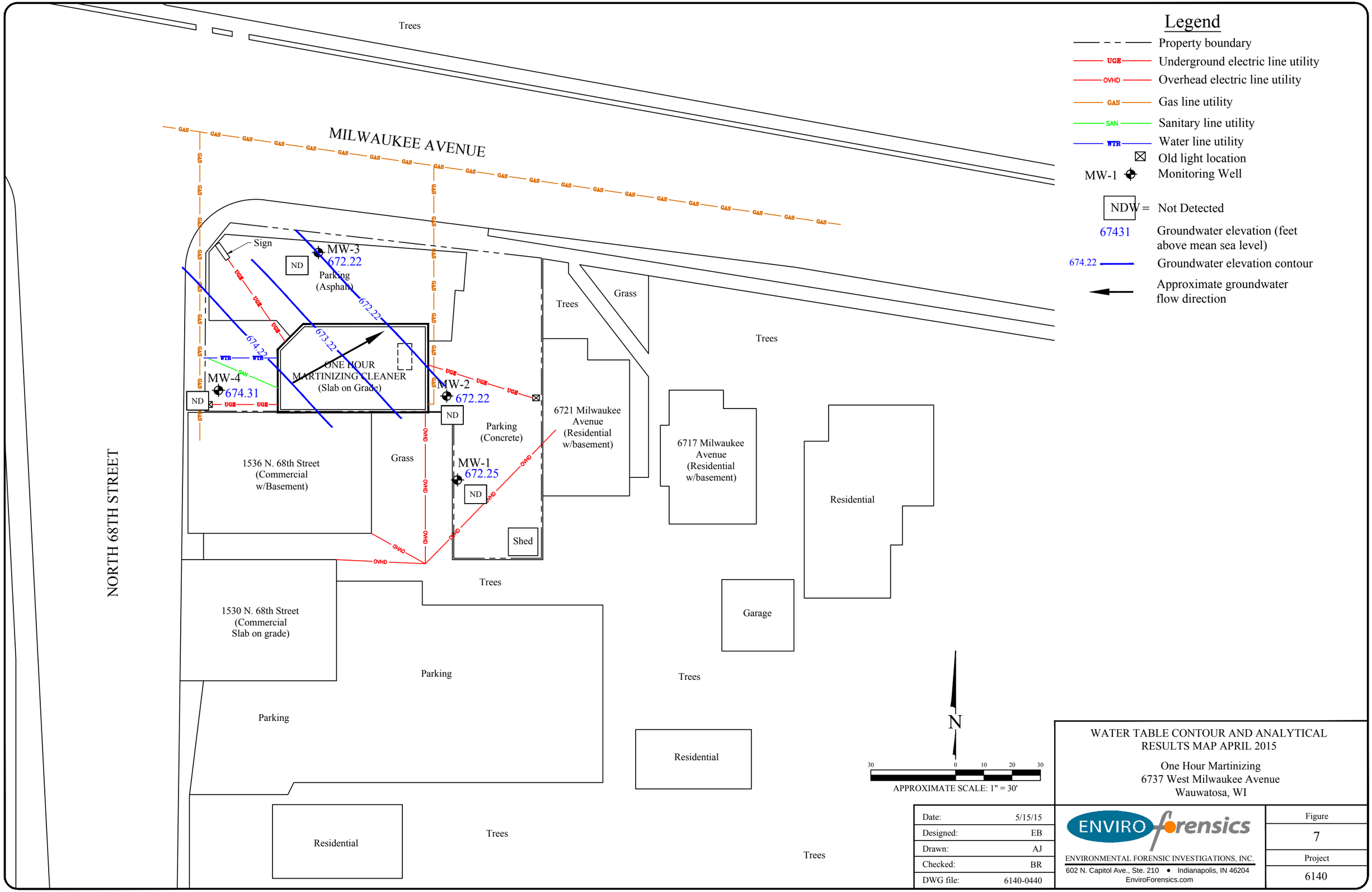
Figure 6

Project 6140



Legend

- Property boundary
- UGE — Underground electric line utility
- OVHD — Overhead electric line utility
- GAS — Gas line utility
- SAN — Sanitary line utility
- WTR — Water line utility
- ⊠ Old light location
- MW-1 ⊕ Monitoring Well
- NDW = Not Detected
- 67431 Groundwater elevation (feet above mean sea level)
- 674.22 Groundwater elevation contour
- Approximate groundwater flow direction

WATER TABLE CONTOUR AND ANALYTICAL RESULTS MAP APRIL 2015

One Hour Martinizing
6737 West Milwaukee Avenue
Wauwatosa, WI

Date:	5/15/15
Designed:	EB
Drawn:	AJ
Checked:	BR
DWG file:	6140-0440

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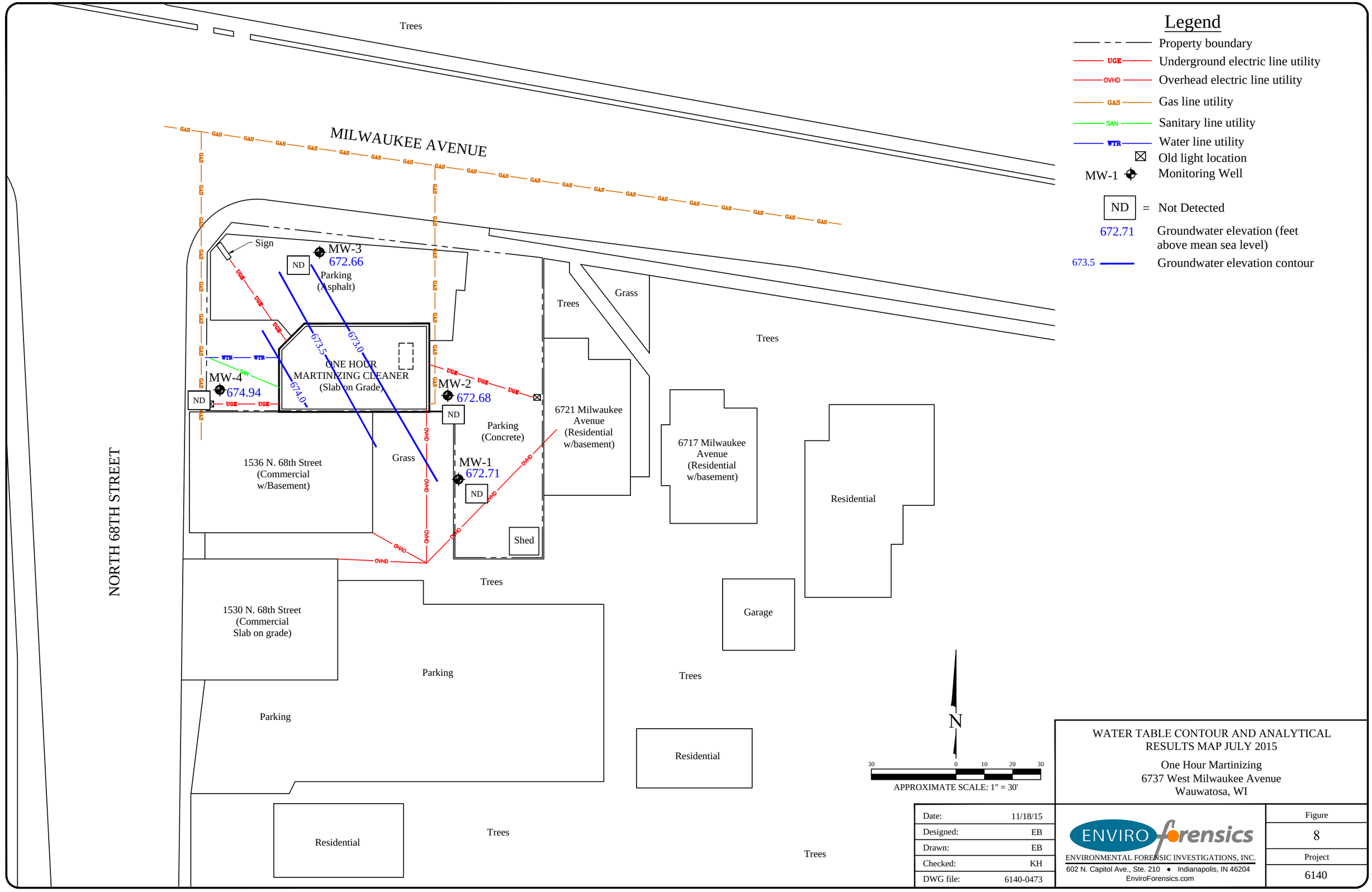
Figure 7

Project 6140



WATER TABLE CONTOUR AND ANALYTICAL RESULTS MAP JULY 2015

One Hour Martinizing
6737 West Milwaukee Avenue
Wauwatosa, WI

Date:	11/18/15
Designed:	EB
Drawn:	EB
Checked:	KH
DWG file:	6140-0473

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Figure	8
Project	6140

Legend

- Property boundary
- UGE — Underground electric line utility
- OVHD — Overhead electric line utility
- GAS — Gas line utility
- SAN — Sanitary line utility
- WTR — Water line utility
- Old light location
- MW-1 — Monitoring Well
- ND = Not Detected
- 672.71 — Groundwater elevation (feet above mean sea level)
- 673.5 — Groundwater elevation contour

MILWAUKEE AVENUE

NORTH 68TH STREET

Trees

Sign

MW-3
672.33
ND
Parking
(Asphalt)

ONE HOUR
MARTINIZING CLEANER
(Slab on Grade)

MW-4
674.73
ND

MW-2
672.33
ND

Parking
(Concrete)

MW-1
672.71
ND

Shed

Grass

673.0
673.5
674.0

1536 N. 68th Street
(Commercial
w/Basement)

6721 Milwaukee
Avenue
(Residential
w/basement)

6717 Milwaukee
Avenue
(Residential
w/basement)

Grass

Trees

Residential

1530 N. 68th Street
(Commercial
Slab on grade)

Garage

Parking

Parking

Trees

Residential

Residential

Trees

Trees

N

30 0 10 20 30

APPROXIMATE SCALE: 1" = 30'

WATER TABLE COUNTOUR AND ANALYTICAL RESULTS MAP OCTOBER 2015

One Hour Martinizing
6737 West Milwaukee Avenue
Wauwatosa, WI

Date:	11/18/15
Designed:	EB
Drawn:	EB
Checked:	KH
DWG file:	6140-0474

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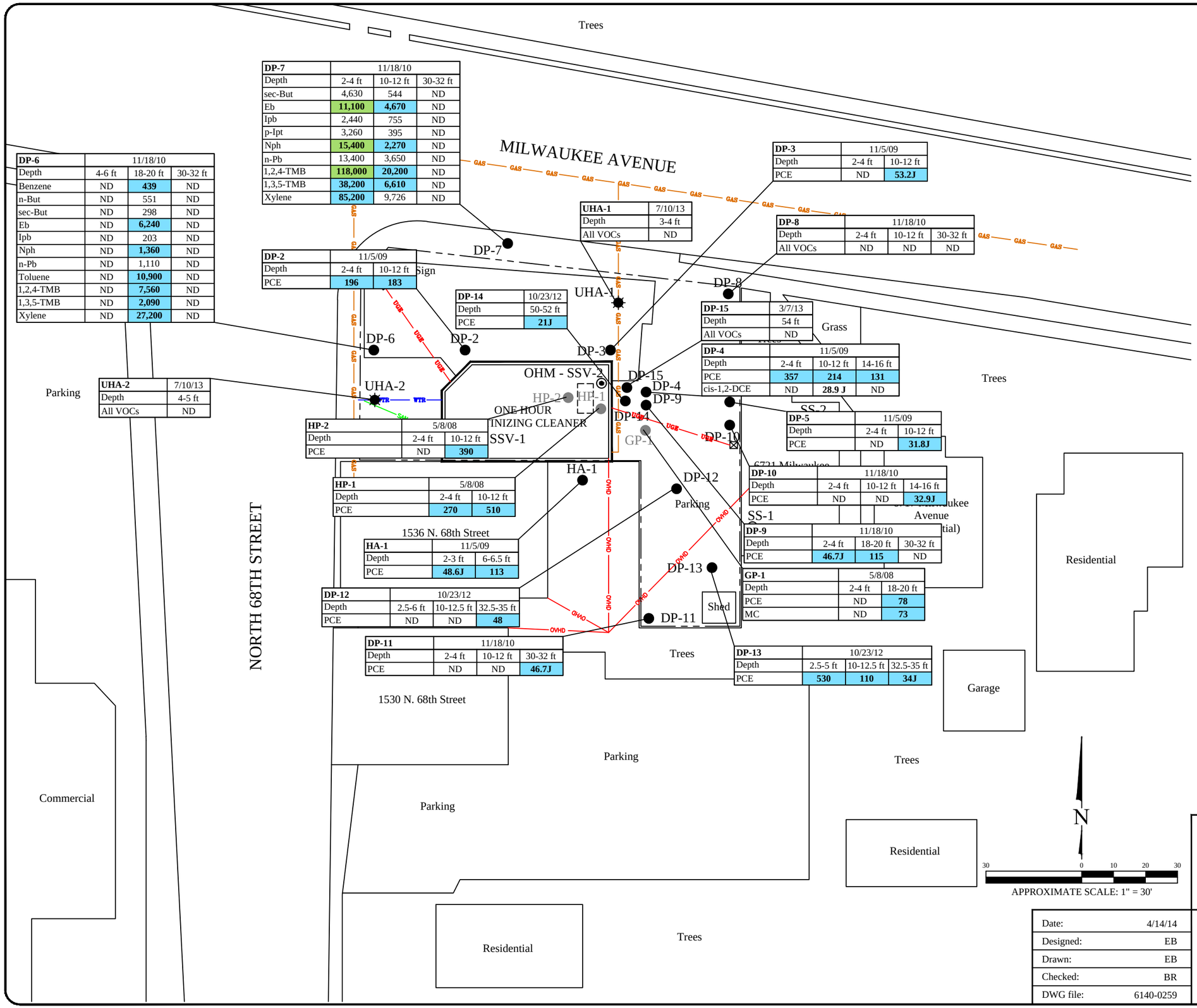
Figure	9
Project	6140



DP-6	11/18/10		
Depth	4-6 ft	18-20 ft	30-32 ft
Benzene	ND	**439**	ND
n-But	ND	551	ND
sec-But	ND	298	ND
Eb	ND	**6,240**	ND
Ipb	ND	203	ND
Nph	ND	**1,360**	ND
n-Pb	ND	1,110	ND
Toluene	ND	**10,900**	ND
1,2,4-TMB	ND	**7,560**	ND
1,3,5-TMB	ND	**2,090**	ND
Xylene	ND	**27,200**	ND

UHA-2	7/10/13
Depth	4-5 ft
All VOCs	ND

DP-7	11/18/10		
Depth	2-4 ft	10-12 ft	30-32 ft
sec-But	4,630	544	ND
Eb	**11,100**	**4,670**	ND
Ipb	2,440	755	ND
p-Ipt	3,260	395	ND
Nph	**15,400**	**2,270**	ND
n-Pb	13,400	3,650	ND
1,2,4-TMB	**118,000**	**20,200**	ND
1,3,5-TMB	**38,200**	**6,610**	ND
Xylene	**85,200**	9,726	ND

DP-2	11/5/09	
Depth	2-4 ft	10-12 ft
PCE	**196**	**183**

DP-14	10/23/12
Depth	50-52 ft
PCE	**21J**

UHA-1	7/10/13
Depth	3-4 ft
All VOCs	ND

DP-3	11/5/09	
Depth	2-4 ft	10-12 ft
PCE	ND	**53.2J**

DP-8	11/18/10		
Depth	2-4 ft	10-12 ft	30-32 ft
All VOCs	ND	ND	ND

DP-15	3/7/13
Depth	54 ft
All VOCs	ND

DP-4	11/5/09		
Depth	2-4 ft	10-12 ft	14-16 ft
PCE	**357**	**214**	**131**
cis-1,2-DCE	ND	**28.9 J**	ND

DP-5	11/5/09	
Depth	2-4 ft	10-12 ft
PCE	ND	**31.8J**

HP-2	5/8/08	
Depth	2-4 ft	10-12 ft
PCE	ND	**390**

DP-10	11/18/10		
Depth	2-4 ft	10-12 ft	14-16 ft
PCE	ND	ND	**32.9J**

HP-1	5/8/08	
Depth	2-4 ft	10-12 ft
PCE	**270**	**510**

DP-9	11/18/10		
Depth	2-4 ft	18-20 ft	30-32 ft
PCE	**46.7J**	**115**	ND

HA-1	11/5/09	
Depth	2-3 ft	6-6.5 ft
PCE	**48.6J**	**113**

GP-1	5/8/08	
Depth	2-4 ft	18-20 ft
PCE	ND	**78**
MC	ND	**73**

DP-12	10/23/12		
Depth	2.5-6 ft	10-12.5 ft	32.5-35 ft
PCE	ND	ND	**48**

DP-11	11/18/10		
Depth	2-4 ft	10-12 ft	30-32 ft
PCE	ND	ND	**46.7J**

DP-13	10/23/12		
Depth	2.5-5 ft	10-12.5 ft	32.5-35 ft
PCE	**530**	**110**	**34J**

Legend

- Property boundary
- UGE — Underground electric line utility
- OVHD — Overhead electric line utility
- GAS — Gas line utility
- SAN — Sanitary line utility
- WTR — Water line utility
- ☒ Old light location
- DP-2 ● Direct push soil boring location
- HA-1 ● Hand auger boring location
- UHA-1 ✸ Utility corridor soil and soil gas sample location
- HP-1/GP-1 ● Previous consultant boring location

Analytes	Soil Residual Contaminant Level		
	Soil to Groundwater	Residential Direct Contact	Industrial Direct Contact
PCE	**4.5**	**30,700**	**153,000**
cis-1,2-DCE	**41.2**	**156,000**	**2,040,000**
Benzene	**5.1**	**1,490**	**7,410**
n-But	NE	NE	NE
sec-But	NE	NE	NE
Eb	**1,570**	**7,470**	**37,000**
Ipb	NE	NE	NE
p-Ipt	NE	NE	NE
MC	**2.6**	**60,700**	**1,070,000**
Nap	**658**	**5,150**	**26,000**
n-Pb	NE	NE	NE
Toluene	**1,107**	**818,000**	**818,000**
1,2,4-TMB	**1,382**	**89,800**	**219,000**
1,3,5-TMB	**1,382**	**182,000**	**182,000**
Xylene	**3,940**	**258,000**	**258,000**

Notes:

1. Bolded and green shaded values are above WDNR generic Residential Direct Contact Residual Contaminant Levels
2. Bolded and blue shaded values are above WDNR generic Soil to Groundwater Residual Contaminant Levels
3. Results reported in micrograms per kilogram (ug/kg)
4. PCE = Tetrachloroethene
5. cis-1,2-DCE = cis-1,2-Dichloroethene
6. n-But = n-Butylbenzene
7. sec-But = sec-Butylbenzene
8. Eb = Ethylbenzene
9. Ipb = Isopropylbenzene
10. p-Ipt = p-Isopropyltoluene
11. MC = Methylene Chloride
12. Nph = Naphthalene
13. n-Pb = n-Propylbenzene
14. 1,2,4-TMB = 1,2,4-Trimethylbenzene
15. 1,3,5-TMB = 1,2,3-Trimethylbenzene
16. J = Analyte concentration detected between the laboratory Reporting Limit and the laboratory Method Detection Limt
17. NE = Not Established
18. ND = Not Detected
19. VOCs = Volatile Organic Compounds

SOIL ANALYTICAL RESULTS MAP

One Hour Martinizing
6737 West Milwaukee Avenue
Wauwatosa, WI

Date:	4/14/14
Designed:	EB
Drawn:	EB
Checked:	BR
DWG file:	6140-0259

ENVIRO forensics
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602 N. Capitol Ave., Ste. 210 • Indianapolis, IN 46204
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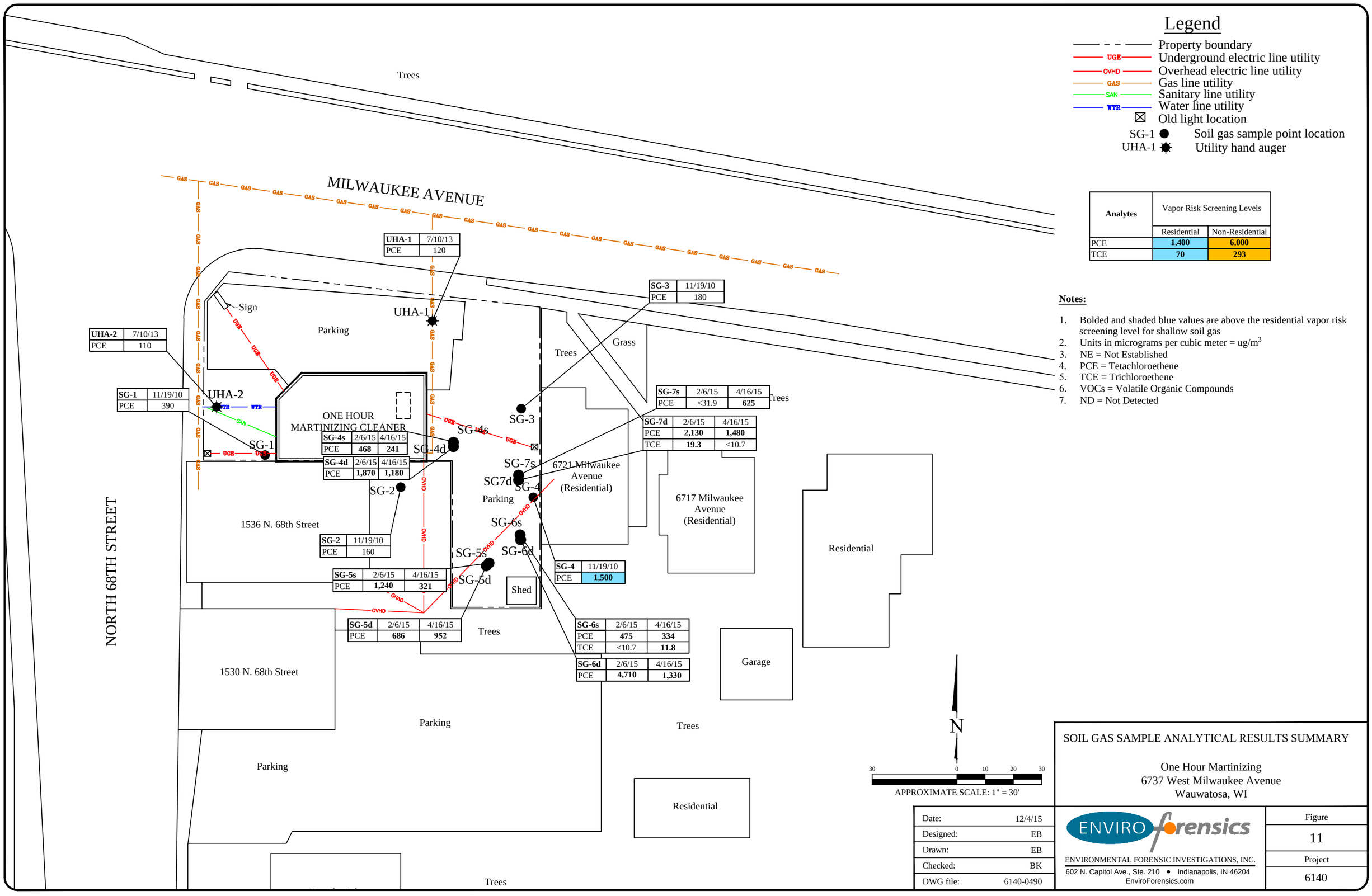
Figure 10

Project 6140



Analytes	Vapor Risk Screening Levels	
	Residential	Non-Residential
PCE	**1,400**	**6,000**
TCE	**70**	**293**

Notes:

1. Bolded and shaded blue values are above the residential vapor risk screening level for shallow soil gas
2. Units in micrograms per cubic meter = ug/m^3
3. NE = Not Established
4. PCE = Tetachloroethene
5. TCE = Trichloroethene
6. VOCs = Volatile Organic Compounds
7. ND = Not Detected

SOIL GAS SAMPLE ANALYTICAL RESULTS SUMMARY

One Hour Martinizing
6737 West Milwaukee Avenue
Wauwatosa, WI

Date:	12/4/15
Designed:	EB
Drawn:	EB
Checked:	BK
DWG file:	6140-0490

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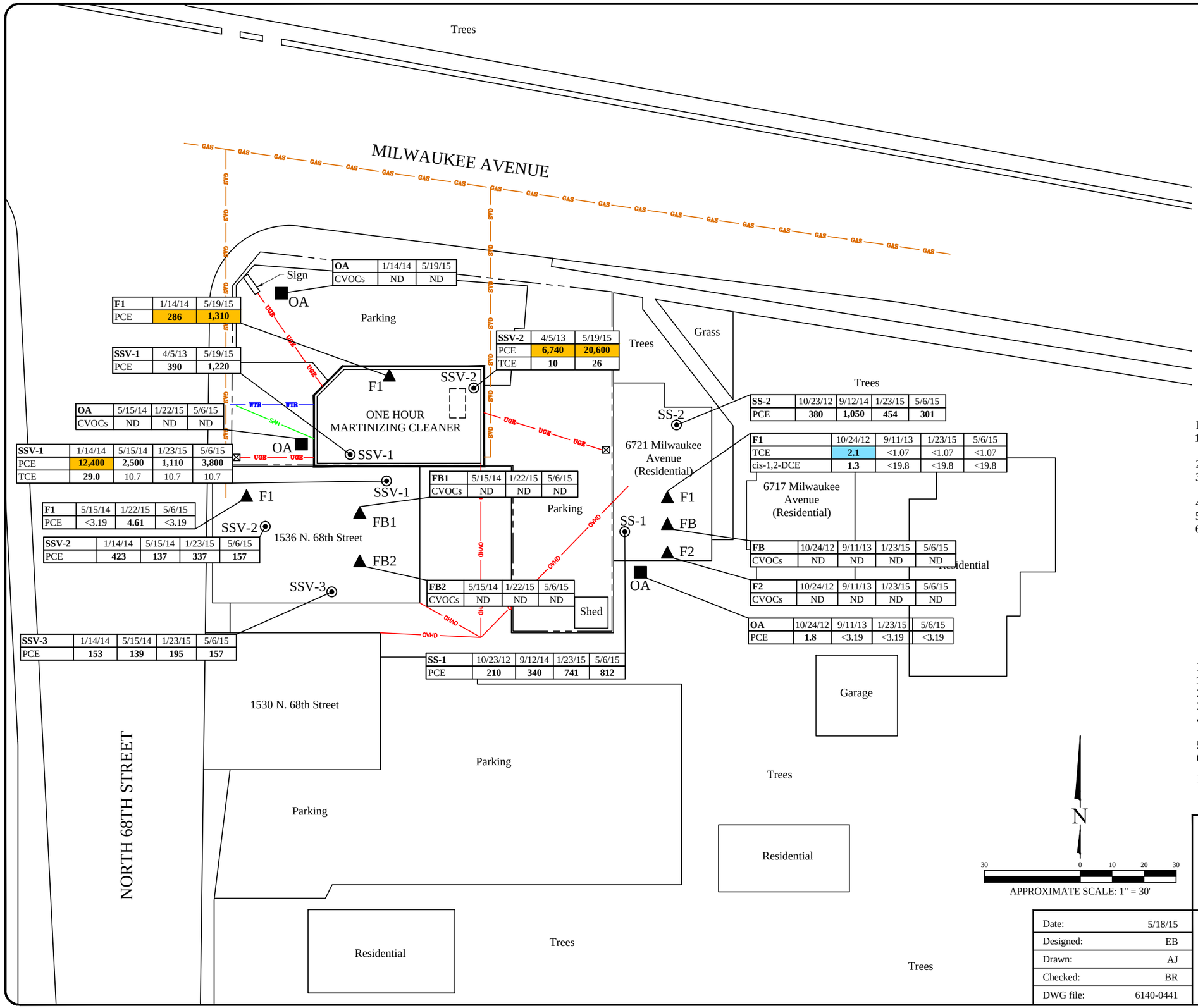
Figure
11
Project
6140



OA	1/14/14	5/19/15
CVOCs	ND	ND

F1	1/14/14	5/19/15
PCE	**286**	**1,310**

SSV-1	4/5/13	5/19/15
PCE	**390**	**1,220**

SSV-2	4/5/13	5/19/15
PCE	**6,740**	**20,600**
TCE	**10**	**26**

OA	5/15/14	1/22/15	5/6/15
CVOCs	ND	ND	ND

SSV-1	1/14/14	5/15/14	1/23/15	5/6/15
PCE	**12,400**	**2,500**	**1,110**	**3,800**
TCE	**29.0**	10.7	10.7	10.7

FB1	5/15/14	1/22/15	5/6/15
CVOCs	ND	ND	ND

F1	5/15/14	1/22/15	5/6/15
PCE	<3.19	**4.61**	<3.19

SSV-2	1/14/14	5/15/14	1/23/15	5/6/15
PCE	**423**	**137**	**337**	**157**

FB2	5/15/14	1/22/15	5/6/15
CVOCs	ND	ND	ND

SSV-3	1/14/14	5/15/14	1/23/15	5/6/15
PCE	**153**	**139**	**195**	**157**

SS-1	10/23/12	9/12/14	1/23/15	5/6/15
PCE	**210**	**340**	**741**	**812**

SS-2	10/23/12	9/12/14	1/23/15	5/6/15
PCE	**380**	**1,050**	**454**	**301**

F1	10/24/12	9/11/13	1/23/15	5/6/15
TCE	**2.1**	<1.07	<1.07	<1.07
cis-1,2-DCE	**1.3**	<19.8	<19.8	<19.8

FB	10/24/12	9/11/13	1/23/15	5/6/15
CVOCs	ND	ND	ND	ND

F2	10/24/12	9/11/13	1/23/15	5/6/15
CVOCs	ND	ND	ND	ND

OA	10/24/12	9/11/13	1/23/15	5/6/15
PCE	**1.8**	<3.19	<3.19	<3.19

Legend

- Property boundary
- UGE — Underground electric line utility
- OVHD — Overhead electric line utility
- GAS — Gas line utility
- SAN — Sanitary line utility
- WTR — Water line utility
- Old light location
- SSV-1/SS-1 — Sub-slab vapor point location
- OA — Outdoor air sample
- Indoor air sample (FB = Collected from basement, F1 = Collected from first floor, F2 = Collected from second floor)

Sub-Slab Vapor		
Analyte	Non-Residential Vapor Risk ScreeningLevel	Residential Vapor Risk Screening Level
PCE	**6,000**	**1,400**
TCE	**293**	**70**
cis-1,2-DCE	NL	NL

Note:
1. Bolded and shaded values exceed the Vapor Risk Screening Level
2. All results reported in micrograms per cubic meter (ug/m3)
3. Vapor risk screening levels calculated in accordance with WDNR Publication RR-800
4. PCE = Tetrachloroethene
5. TCE = Trichloroethene
6. cis-1,2-DCE = cis-1,2,-Dichloroethene

Indoor Air		
Analyte	Non-Residential Vapor Vapor Action Level	Residential Vapor Action Level
PCE	**180**	**42**
TCE	**8.8**	**2.1**
cis-1,2-DCE	NL	NL

Note:
1. Bold and shaded values exceed the Vapor Action level.
2. Bold values equal or exceed laboratory detection limits.
3. Results reported in micrograms per cubic meter (ug/m^3)
4. Vapor Action Levels calculated in accordance with WDNR Publicaton PR-800
5. CVOCs = Chlorinated Volatile Organic Compounds
6. ND = No CVOCs detected

Note: See Tables 7 and 9 for laboratory sample identifications

N

30 0 10 20 30

APPROXIMATE SCALE: 1" = 30'

DETECTED CHLORINATED VOLATILE ORGANIC COMPOUNDS IN SOIL VAPOR AND INDOOR AIR

One Hour Martinizing
6737 West Milwaukee Avenue
Wauwatosa, WI

Date:	5/18/15
Designed:	EB
Drawn:	AJ
Checked:	BR
DWG file:	6140-0441

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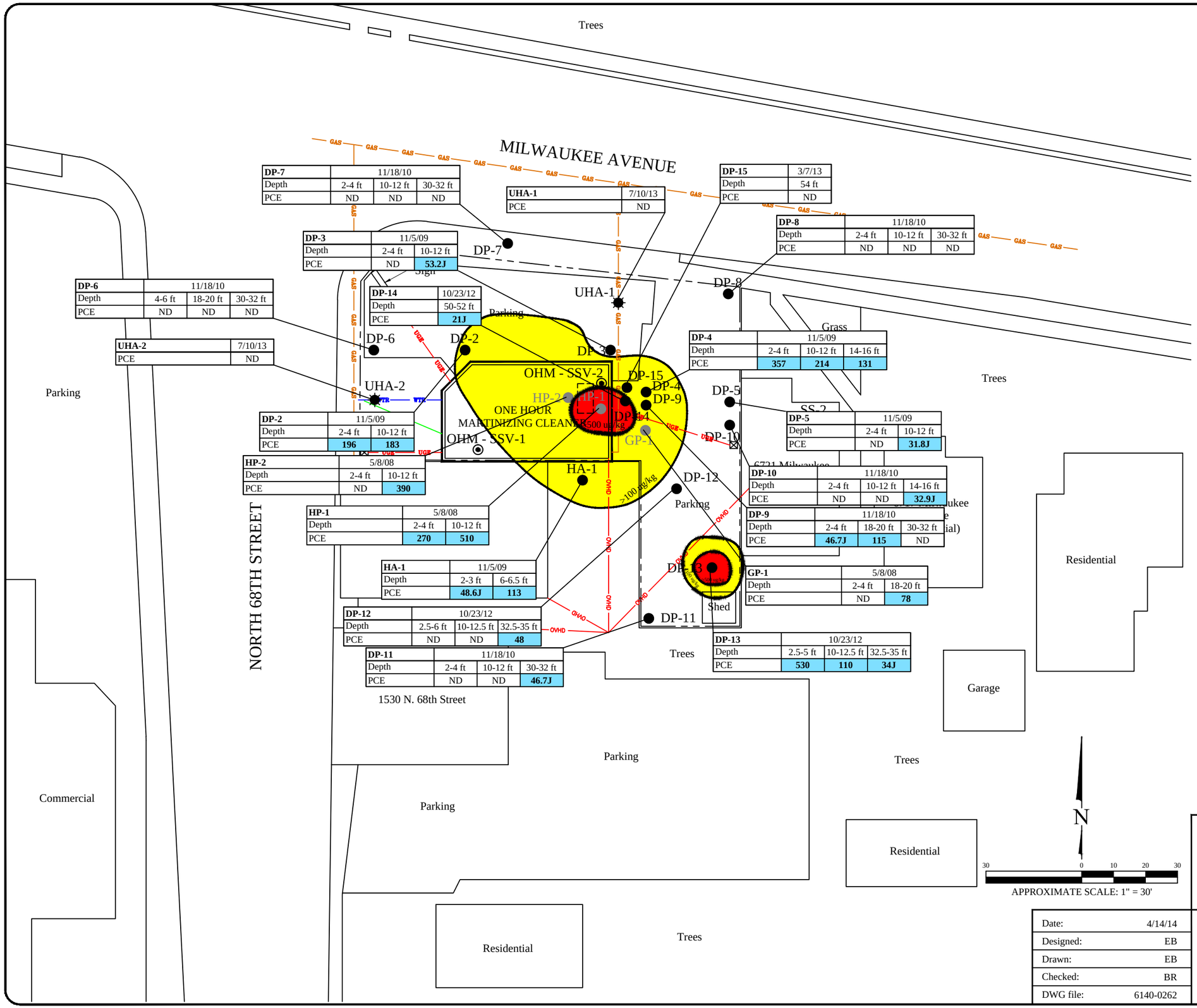
Figure
12
Project
6140



DP-7	11/18/10		
Depth	2-4 ft	10-12 ft	30-32 ft
PCE	ND	ND	ND

DP-3	11/5/09	
Depth	2-4 ft	10-12 ft
PCE	ND	**53.2J**

DP-6	11/18/10		
Depth	4-6 ft	18-20 ft	30-32 ft
PCE	ND	ND	ND

DP-14	10/23/12	
Depth	50-52 ft	
PCE	**21J**	

UHA-1	7/10/13
PCE	ND

UHA-2	7/10/13
PCE	ND

DP-15	3/7/13
Depth	54 ft
PCE	ND

DP-8	11/18/10		
Depth	2-4 ft	10-12 ft	30-32 ft
PCE	ND	ND	ND

DP-4	11/5/09		
Depth	2-4 ft	10-12 ft	14-16 ft
PCE	**357**	**214**	**131**

DP-2	11/5/09	
Depth	2-4 ft	10-12 ft
PCE	**196**	**183**

DP-5	11/5/09	
Depth	2-4 ft	10-12 ft
PCE	ND	**31.8J**

HP-2	5/8/08	
Depth	2-4 ft	10-12 ft
PCE	ND	**390**

DP-10	11/18/10		
Depth	2-4 ft	10-12 ft	14-16 ft
PCE	ND	ND	**32.9J**

HP-1	5/8/08	
Depth	2-4 ft	10-12 ft
PCE	**270**	**510**

DP-9	11/18/10		
Depth	2-4 ft	18-20 ft	30-32 ft
PCE	**46.7J**	**115**	ND

HA-1	11/5/09	
Depth	2-3 ft	6-6.5 ft
PCE	**48.6J**	**113**

GP-1	5/8/08	
Depth	2-4 ft	18-20 ft
PCE	ND	**78**

DP-12	10/23/12		
Depth	2.5-6 ft	10-12.5 ft	32.5-35 ft
PCE	ND	ND	**48**

DP-13	10/23/12		
Depth	2.5-5 ft	10-12.5 ft	32.5-35 ft
PCE	**530**	**110**	**34J**

DP-11	11/18/10		
Depth	2-4 ft	10-12 ft	30-32 ft
PCE	ND	ND	**46.7J**

Legend

- Property boundary
- UGE — Underground electric line utility
- OVHD — Overhead electric line utility
- GAS — Gas line utility
- SAN — Sanitary line utility
- WTR — Water line utility
- ☒ Old light location
- DP-2 ● Direct push soil boring location
- HA-1 ● Hand auger boring location
- UHA-1 ✸ Utility corridor soil and soil gas sample location
- HP-1/GP-1 ● Previous consultant boring location

Analytes	Soil Residual Contaminant Level		
	Soil to Groundwater	Residential Direct Contact	Industrial Direct Contact
PCE	**4.4**	**22,000**	**110,000**

Notes:

1. Bolded and blue shaded values are above WDNR generic Soil to Groundwater Residual Contaminant Levels
2. Results reported in micrograms per kilogram (ug/kg)
3. PCE = Tetrachloroethene
4. J = Analyte concentration detected between the laboratory Reporting Limit and the laboratory Method Detection Limit
5. VOCs = Volatile Organic Compounds
6. ND = Not detected

- >100 ug/kg PCE concentration in soil
- >500 ug/kg PCE concentration in soil
- Approximate edge of Isocontour

SOIL TERACHLOROETHENE ISOCONCENTRATION MAP

One Hour Martinizing
6737 West Milwaukee Avenue
Wauwatosa, WI

Date:	4/14/14
Designed:	EB
Drawn:	EB
Checked:	BR
DWG file:	6140-0262

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Figure
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Project
6140

Appendix A

Property Legal Description and Site Survey

LENDER'S FORM/ SCHEDULE A

No. M14552
253583M
50-012

Date of Policy: November 4, 1983 at 2:37 PM

Amount of Insurance: $ 75,000.00

1. Name of Insured:

   Tri City National Bank of West Allis

2. The estate or interest in the land described in this Schedule and which is encumbered by the insured mortgage is:

   Fee Simple

3. The estate or interest referred to herein is at Date of Policy vested in:

   Charles Cass

4. The mortgage, herein referred to as the insured mortgage, and the assignments thereof, if any, are described as follows:

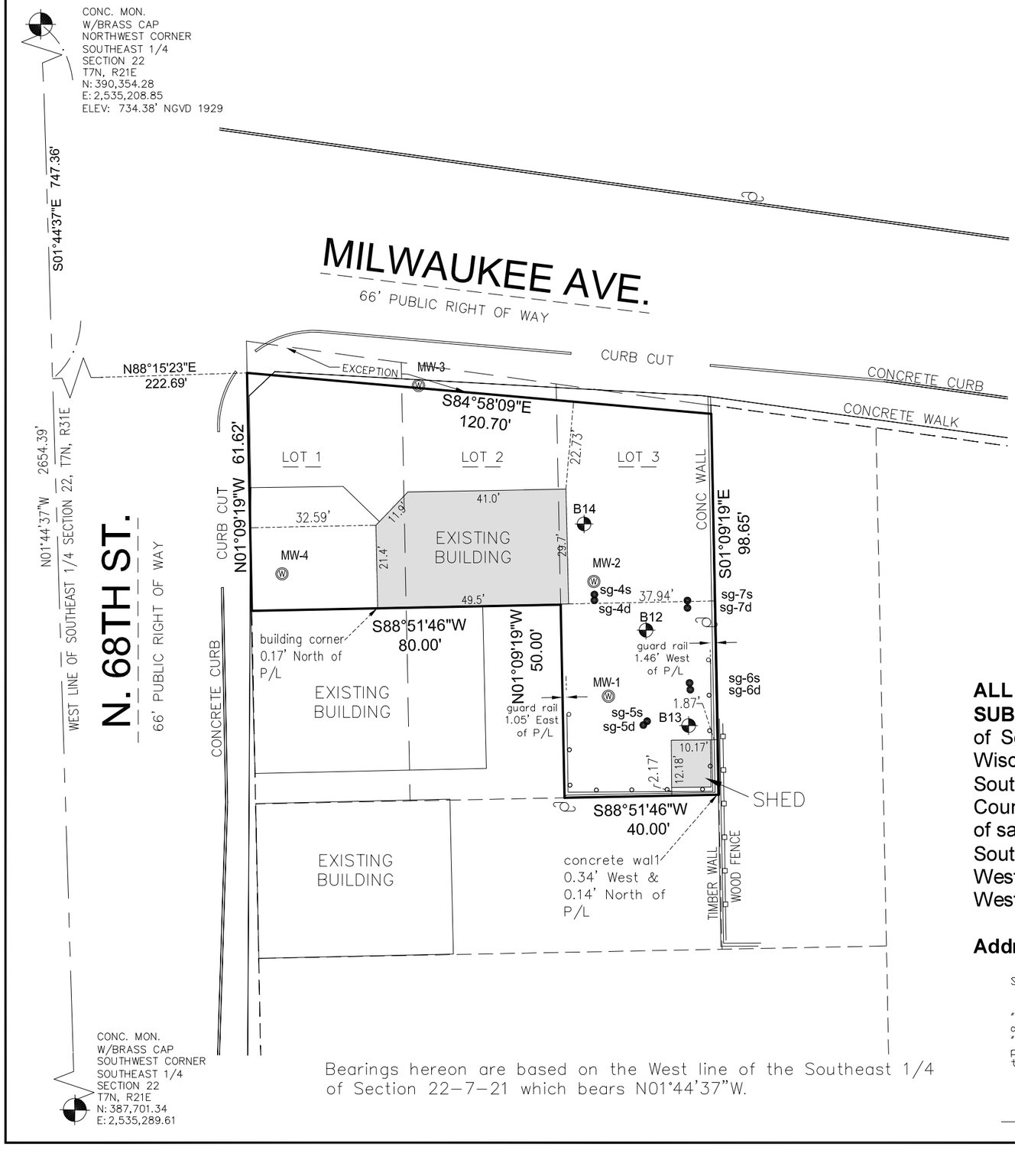
   Mortgage from Charles Cass, an unmarried individual, to Tri City National Bank of West Allis for $200,000.00 dated October 26, 1983 and recorded in the Register of Deeds office for Milwaukee County on November 4, 1983 in Reel 1583, Image 616, as Document No. 5667800.

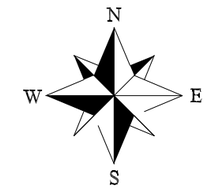
5. The land referred to in this policy is described as follows:

   All except the South Fifty (50) feet of Lots One (1) and Two (2), and all of Lot Three (3), in O.N. Ludwig Subdivision, being a Subdivision of a part of Lot Seventeen (17) in Rorick's Subdivision, in the South West One-quarter (1/4) of Section Twenty-two (22), Township Seven (7) North, Range Twenty-one (21) East, in the City of Wauwatosa, County of Milwaukee, State of Wisconsin, and except that part of Lots 1, 2, and 3 in recorded O.N. Ludwig Subdivision, in the Southeast 1/4 of Section 22, Township 7 North, Range 21 East, in the City of Wauwatosa, County of Milwaukee, State of Wisconsin, bounded and described as follows, to-wit: Beginning at the Northwest corner of said Lot 1; thence S. 80° 52' E., 121.52 feet to the Northeast corner of said Lot 3; thence S. 0° 06' W. along the East line of said Lot 3, 2.16 feet to a point; thence N. 83° 42' 50" W. 120.71 feet to a point on the West line of said Lot 1; thence N. 0° 06' East along the West line of said Lot 1, 8.23 feet to the place of beginning.

   Tax Key No. 369-0302
   Property address for reference only: 6737 Milwaukee Ave., Wauwatosa, WI

This policy valid only if Schedule B is attached.





SCALE : 1" =30'

Area of Property = 8,616 Sq. Ft.

- HORIZONTAL DATUM IS BASED ON THE WISCONSIN STATE PLANE COORDINATE SYSTEM GRID, SOUTH ZONE (NAD27)
- VERTICAL DATUM IS BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 1929)

⊕ –BORING LOCATION
MW-2 ⊕ –MONITORING WELL
sg-4s ● –SOIL GAS
–UTILITY POLE

SURVEYING ASSOCIATES, INC.
MEMBER WISCONSIN SOCIETY OF LAND SURVEYORS AND AMERICAN CONGRESS ON SURVEYING AND MAPPING
2554 N. 100TH STREET
P.O. BOX 26596
WAUWATOSA, WISCONSIN 53226
(414) 257–2212 FAX : (414) 257–2443
FREDERICK W. SHIBILSKI R L S

	NORTHING	EASTING	GROUND ELEV	PVC ELEV
B12	389,547.43	2,535,557.52	725.03	
B13	389,522.75	2,535,568.58	725.51	
B14	389,574.93	2,535,541.47	724.87	
mw-1	389,530.33	2,535,547.80	725.35	725.02
mw-2	389,560.04	2,535,544.03	724.94	724.59
mw-3	389,610.78	2,535,498.60	724.34	723.94
mw-4	389,562.03	2,535,463.25	723.05	722.74
				722.77
sg-4s	389,556.69	2,535,544.17	724.98	
sg-4d	389,555.17	2,535,544.17	724.98	
sg-5s	389,523.87	2,535,557.83	725.44	
sg-5d	389,522.87	2,535,556.84	725.46	
sg-6s	389,533.79	2,535,568.80	725.36	
sg-6d	389,532.04	2,535,569.00	725.43	
sg-7s	389,555.11	2,535,568.26	724.94	
sg-7d	389,553.21	2,535,568.27	725.04	

PLAT OF SURVEY

ALL EXCEPT THE SOUTH 50 FEET OF LOTS 1 AND 2, AND ALL OF LOT 3, O. N. LUDWIG SUBDIVISION, being a Subdivision of a part of Lot 17 in Rorick's Subdivision, in the Southwest ¼ of Section 22, Town 7 North, Range 21 East, in the City of Wauwatosa, Milwaukee County, Wisconsin, and except that part of Lots 1, 2 and 3 in recorded O. N. Ludwig Subdivision, in the Southeast ¼ of Section 22, Town 7 North, Range 21 East, in the City of Wauwatosa, Milwaukee County, Wisconsin, bounded and described as follows, to-wit: Beginning at the Northwest corner of said Lot 1; thence South 80° 52' East 121.52 feet to the Northeast corner of said Lot 3; thence South 0° 06' West along the East line of said Lot 3, 2.16 feet to a point; thence North 83° 42' 50" West 120.71 feet to a point on the West line of said Lot 1; thence North 0° 06' East along the West line of said Lot 1, 8.23 feet to the place of beginning.

Address: 6737 Milwaukee Avenue

Surveyed for: ENVIRO FORENSICS

"I have surveyed the above described property from the legal description furnished by the client named on this survey."
"This survey is made for the use of the present owners of the property, and those who purchase, mortgage, or guarantee the title thereto within one year from date hereof."

NOTE : THIS IS NOT AN ORIGINAL SURVEY UNLESS THIS SEAL IS RED.

WISCONSIN REGISTERED LAND SURVEYOR	FEB. 27, 2014 – NEW MONITORING LOC. NOV. 14, 2012 DATE	MTK/MCP FIELD WORK BY	JTY/DW DRAWN BY	33895 JOB NUMBER

Mar 02, 2015 - 12:14pm - I:\Drawings\33895\dwg\33895.dwg

Appendix B

Soil Boring Log Forms (4400-122) and Borehole Sealing Forms (3300-005)

ENVIRO forensics

Boring: HA-1
Sheet: 1 of 1
Project No: 6140

Date Started/Completed:	11/5-11/6/2009	Logged by:	George Stum
Total Depth (ft) 6.5'	Water Depth (ft): ND	Project:	Wauwatosa - Martinizing Cleaners
Drilling Contr.: Tony	On-site Environmental	Water Sampled:	NO
Drill Rig: Geoprobe 6600	Dual Liner	Ground Elev.:	

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					Turned top soil and organics		
1		Hand Auger	100%	ML	(1') Brown Sand, some small to medium gravel, sand fine to coarse, appeared uniform, soft, not dense, not plastic, and slightly moist.	0.0	
2	1725						
3				SP	> traces of organics, glass, and roots. (Tree appeared to have been removed from this location)	0.0	
4							
5						0.0	
6	1500				refusal at 6.5', felt like a tree root.		
7					BOB @ 6.5'bgs	0.0	
8							
9							
10							
11							
12							
13							
14							
15							
16			Sam				
17							
18							
19							
20							

ENVIRO forensics

Boring: DP-2
Sheet: 1 of 1
Project No: 6140

Date Started/Completed:	11/05/09	Logged by:	George Stum
Total Depth (ft) 20'	Water Depth (ft): ND	Project:	Wauwatosa - Martinizing Cleaners
Drilling Contr.: Tony	On-site Environmental	Water Sampled:	NO
Drill Rig: Geoprobe 6600	Dual Liner	Ground Elev.:	

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					1' asphalt and gravel		
1		direct push	45%	SP	(1') Brown Sand, small gravel, loose, not dense, poorly graded, not plastic, dry	0.0	
2							
3	1340					0.0	
4							
5		macro	55%	SP	(5') White to Brown, coarse Sand, small to large gravel, large rocks, Silt mixed into rock seams, loose, poorly graded, not plastic, dry.	0.0	
6							
7						0.0	
8							
9				ML	(9') Brown fine sand, silty clay at 10', uniform loose to medium stiff, slightly plastic, slightly moist.	0.0	
10							
11	1400	direct push	80%	SP	(11') Brown, fine to coarse Sand, small to large gravel, large rocks, Silt mixed into rock seams, loose, poorly graded, not plastic, dry.	0.0	
12							
13						0.0	
14							
15		macro	Sam 85%	SP	(14') Grayish-Brown, fine to medium Sand, little small to med gravel, loose, very soft, not plastic, slightly moist.	0.0	
16							
17						0.0	
18							
19						0.0	
20					BOB @ 20'bgs		

ENVIRO forensics

Boring: DP-3
Sheet: 1 of 1
Project No: 6140

Date Started/Completed:	11/05/09	Logged by:	George Stum
Total Depth (ft) 20'	Water Depth (ft): ND	Project:	Wauwatosa - Martinizing Cleaners
Drilling Contr.: Tony	On-site Environmental	Water Sampled:	NO
Drill Rig: Geoprobe 6600	Dual Liner	Ground Elev.:	

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					(1.5') asphalt and gravel		
1		direct push	50%	CL	(1.5') Brown Sand and Clay, traces of coarse Sand, slightly stiff, little dense, uniform, not plastic, dry.	0.0	
2							
3	1430					0.0	
4							
5						0.0	
6		macro	60%				
7				SP	(7') Brown, fine Sand tightly packed, traces of medium rocks, little trace of Silt mixed into rock seams, loose, poorly graded, not plastic, dry.	0.0	
8							
9						0.0	
10							
11	1450	direct push	60%	SP	(10') Brown, fine to medium Sand, small to large gravel, large rocks, Silt mixed into rock seams, slightly stiff, poorly graded, not plastic, dry.	0.0	
12							
13						0.0	
14							
15						0.0	
16		macro	Sam 55%				
17				SP	(16') Brown coarse Sand, traces of orange Silt deposits, fine to medium Sand, little small to med gravel, loose, very soft, not plastic, slightly moist.	0.0	
18							
19						0.0	
20					BOB @ 20'bgs		

ENVIRO forensics

Boring: DP-4
Sheet: 1 of 1
Project No: 6140

Date Started/Completed:	11/05/09	Logged by:	George Stum
Total Depth (ft) 34'	Water Depth (ft): ND	Project:	Wauwatosa - Martinizing Cleaners
Drilling Contr.: Tony	On-site Environmental	Water Sampled:	NO
Drill Rig: Geoprobe 6600	Dual Liner	Ground Elev.:	

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					(6") concrete		
1		direct push	55%	CL	(.5') Brown Sand and Clay, traces of coarse Sand, slightly stiff, little dense, uniform, not plastic, dry.	0.7	
2							
3	1530 DUP					4.7	
4							
5						1.7	
6		macro	60%	CL	(5') Brown, Silty Clay, some Sand, medium dense, moderately stiff, moderately plastic, uniform, moist.		
7						1.8	
8				SP	(7') Brown, fine to medium Sand, little Silt, medium gravel, trace of large rocks, Silt mixed into rock seams, loose, poorly graded, not plastic, dry.		
9						1.4	
10							
11	1550	direct push	60%			0.9	
12					(12') Brown, fine to coarse Sand, little small to med gravel, loose, very soft, not plastic, slightly moist.		
13						0.2	
14							
15	1625 MS/ MSD					0.0	
16		macro	Sam 65%	SP			
17						0.0	
18							
19						0.0	
20							

ENVIRO forensics

Boring: DP-4
Sheet: 1 of 1
Project No: 6140

Date Started/Completed:	11/05/09	Logged by:	George Stum
Total Depth (ft) 34'	Water Depth (ft): ND	Project:	Wauwatosa - Martinizing Cleaners
Drilling Contr.: Tony	On-site Environmental	Water Sampled:	NO
Drill Rig: Geoprobe 6600	Dual Liner	Ground Elev.:	

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
21		direct push	80%	SP	Brown, fine to coarse Sand, little small to med gravel, loose, very soft, not plastic, slightly moist.	0.0	
22							
23				SP	(23') Brown, fine to medium Sand and little small to med gravel loose, very soft, not plastic, slightly moist.	0.0	
24							
25						0.0	
26		macro	75%	CL	(26') Brown Mottled Clay and Sand, fine, stiff, dense, uniform, slightly moist.		
27						0.0	
28					> moisture present at 28' but not wet.		
29						0.0	
30							
31		direct push	80%			0.0	
32							
33						0.0	
34					BOB @ 34'bgs		
35							
36			Sam				
37							
38							
39							
40							

ENVIRO forensics

Boring: DP-5
Sheet: 1 of 1
Project No: 6140

Date Started/Completed:	11/05/09	Logged by:	George Stum
Total Depth (ft) 20'	Water Depth (ft): ND	Project:	Wauwatosa - Martinizing Cleaners
Drilling Contr.: Tony	On-site Environmental	Water Sampled:	NO
Drill Rig: Geoprobe 6600	Dual Liner	Ground Elev.:	

Depth (ft)	Sample	Sampler Type	Recovery %	Lithology	Soil Descriptions	PID (~ ppm)	Notes and Observations
0					(6") concrete		
1		direct push	60%	CL	(.5') Brown Sand and Clay, traces of coarse Sand, slightly stiff, little dense, uniform, not plastic, dry.	0.0	
2							
3	1650					0.0	
4							
5						0.0	
6		macro	55%	CL	(5') Brown, Silty Clay, some Sand, medium dense, moderately stiff, moderately plastic, uniform, moist.		
7						0.0	
8				SP	(7') Brown, fine to medium Sand, little Silt, medium gravel, trace of large rocks, Silt mixed into rock seams, loose, poorly graded, not plastic, dry.		
9						0.0	
10							
11	1710	direct push	70%			0.0	
12					(12') Brown, fine to coarse Sand, little small to med gravel, loose, very soft, not plastic, slightly moist.		
13						0.0	
14							
15						0.0	
16		macro	Sand 70%	SP			
17						0.0	
18							
19						0.0	
20					BOB @ 20'bgs		

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Facility/Project Name: OHM-6140-Wauwatosa	License/Permit/Monitoring Number	Boring Number: DP-6
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Mark Last Name: Montalvo — Firm: Envirodynamics	Date Drilling Started: 11/18/2010	Date Drilling Completed: 11/18/2010 — Drilling Method: Direct Push
WI Unique Well No.	DNR Well ID No.	Well Name
Final Static Water Level: _____ Feet MSL	Surface Elevation: _____ Feet MSL	Borehole Diameter: _____ inches
Local Grid Origin ☐ (estimated: ☒) or Boring Location ☒ — State Plane _____ N, _____ E — _____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____	Lat 43° 3' 4.7" — Long 87° 59' 47.8"	Local Grid Location: ☒ N ☐ E — _____ Feet ☐ S _____ Feet ☒ W
Facility ID	County: MILWAUKEE	County Code: 41 — Civil Town/City/ or Village: Wauwatosa City

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			2	0.0 - 4.0 (0-4')No Recovery										
			4	4.0 - 11.0 (4-11')SAND with CLAY(SC):Brown fine sand with clay. Interbedded areas of increased clay content, moist.	SC									
			6											
			8											
			10											
			12	11.0 - 12.5 (11-12.5')GRAVELLY SAND(SW):Gray gravelly sand. Grain size fining downward. Dark staining visible as well as a petroleum odor	SW									
			14	12.5 - 13.0 (12.5-13')CLAY(CL):Brown Clay with fine Sand and Silt.	CL									
				13.0 - 16.0 (13-16')CLAY(CL):Brown Clay with little fine Sand. Low plasticity.	CL									
			16	16.0 - 22.0 (16-22')CLAY(CL):Gray/Brown Clay with trace fine Sand and Silt, moist to dry.	CL									
			18											
			20											
			22	22.0 - 25.0 (22-25')SILTY SAND(SM):Sand with Silt. Dense, slightly moist	SM									
			24											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
	Enviroforensics

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Facility/Project Name: OHM-6140-Wauwatosa
Boring No. : DP-6

License/Project/Monitoring No. :
WI Unique Well No. :

Sample									Soil Properties					
Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			24											
				25.0 - 26.0 (25-26')CLAY(CL):Sandy CLAY with Silt, moist. Low plasticity	CL									
			26	26.0 - 32.0 (26-32')Poorly graded SAND(SP): Silty Clayey SAND. Fine to medium grained, moist	SP									
			28											
			30											
			32											

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Page 1 of _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
OHM-6140-Wauwatosa		DP-7

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Mark Last Name: Montalvo Firm: Envirodynamics	11 / 18 / 2010 (m m / d d / y y y y)	11 / 18 / 2010 (m m / d d / y y y y)	Direct Push

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _		_____ Feet MSL	_____ Feet MSL	2.25 inches

Local Grid Origin ☐ (estimated: ☒) or Boring Location ☒
State Plane _____ N, _____ E
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____
Lat 43° 3 ' 4.7 "
Long 87° 59 ' 47.4"
Local Grid Location ☒ N ☐ E _____ Feet ☐ S _____ Feet ☒ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	Wauwatosa City

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			0	0.0 - 1.0 (0-1')CONCRETE(CO):Concrete road base	CO									
			2	1.0 - 7.0 (1-7')Well graded SAND(SW):Brown Gravelly, Silty, Clayey SAND. Petroleum odor, moist. Concrete noticed at 7'(possible abandon UST pad)	SW									
			4											
			6											
			8	7.0 - 12.0 (7-12')Poorly graded SAND(SP):Fine SAND with Silt and Clay. Moist. Visible areas of staining. Very odorous. Increasing Clay content at 11'	SP									
			10											
			12	12.0 - 20.0 (12-20')Well graded SAND(SW):Brownish red medium to coarse grained SAND with Gravel, little Silt and Clay and trace Cobbles. Increased Clay content at 18'.	SW									
			14											
			16											
			18											
			20	20.0 - 25.0 (20-25')Silty GRAVEL(GM): Sandy GRAVEL with some Cobbles and trace Clay and Silt. Color change from brownish red to dark red at 24.5'	GM									
			22											
			24											

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Facility/Project Name: OHM-6140-Wauwatosa
Boring No. : DP-7

License/Project/Monitoring No. :
WI Unique Well No. :

Sample									Soil Properties					
Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			22											
			24											
				25.0 - 32.0 (25-32')Silty CLAY(CL):Silty CLAY with trace fine Sand. Medium plasticity.	CL									
			26											
			28											
			30											
			32											

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
OHM-6140-Wauwatosa		DP-8

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Mark Last Name: Montalvo Firm: Envirodynamics	11 / 18 / 2010 (m m / d d / y y y y)	11 / 18 / 2010 (m m / d d / y y y y)	Direct Push

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	2.25 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane _____ N, _____ E
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____

Lat 43° 3 ' 4.7 "
Long 87° 59 ' 46.3"

Local Grid Location
☒ N ☐ E
_____ Feet ☐ S _____ Feet ☒ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	Wauwatosa City

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			0	0.0 - 0.5 (0-0.5')PAVEMENT(PA): Asphalt road base	PA									
			2	0.5 - 6.0 (0.5-6)CLAY(CL):Brown CLAY with fine Sand and Silt	CL									
			6	6.0 - 9.0 (6-9)Poorly graded SAND(SP):Brown, Fine grain Sand with some Clay. Dry	SP									
			10	9.0 - 16.0 (9-16)Gravelly SAND(SP):Brown, Coarse grained Sand with Gravel and some cobbles. Introduction of fines at 15'. Dry	SP									
			16	16.0 - 20.0 (16-20)No Recovery, drilling contractor assumed a rock heaved in the core liner	VO									
			20	20.0 - 21.0 (20-21)Well graded SAND(SW):Brown, well graded Sand with some gravel, slightly moist	SW									
			22	21.0 - 22.0 (21-22)SAND with CLAY(SC):Brown, Clayey fine Sand, moist	SC									
			24											

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Signature	Firm
	Enviroforensics

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Facility/Project Name: OHM-6140-Wauwatosa
Boring No. : DP-8

License/Project/Monitoring No. :
WI Unique Well No. :

Sample									Soil Properties					
Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			24	22.0 - 28.0 (22-28)Well graded SAND(SW):Well graded Sand, medium coarse, with some Gravel and some Clay, slightly moist	SW									
			26											
			28	28.0 - 32.0 (28-32)Silty CLAY(CL):Gray Silty Clay with trace fine Sand, medium plasticity, slightly moist	CL									
			30											
			32											

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Facility/Project Name: OHM-6140-Wauwatosa	License/Permit/Monitoring Number	Boring Number: DP-9
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Mark Last Name: Montalvo — Firm: Envirodynamics	Date Drilling Started: 12/13/2010	Date Drilling Completed: 12/13/2010 — Drilling Method: Direct Push
WI Unique Well No.	DNR Well ID No.	Well Name
Final Static Water Level: _____ Feet MSL	Surface Elevation: _____ Feet MSL	Borehole Diameter: 2.25 inches
Local Grid Origin ☐ (estimated: [x]) or Boring Location [x] — State Plane _____ N, _____ E	Lat 43° 3' 4.4" — Long 87° 59' 46.7"	Local Grid Location: [x] N ☐ E — _____ Feet ☐ S _____ Feet [x] W
Facility ID	County: MILWAUKEE	County Code: 41 — Civil Town/City/ or Village: Wauwatosa City

_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			0	0.0 - 0.5 (0-0.5)PAVEMENT(PA):Asphalt road base	PA									
			2	0.5 - 4.0 (0.5-4)Clayey SAND(SC):Brown medium grained SAND with CLAY and some Gravel. Slightly loose and slightly moist.	SC									
			4	4.0 - 8.0 (4-8)Poorly graded SAND(SP):Poorly graded coarse to medium grained Sand with trace Clay. Medium dense	SP									
			6											
			8	8.0 - 11.0 (8-11)Poorly graded SAND(SP):Poorly graded fine grained Sand with some Clay.	SP									
			10											
			12	11.0 - 28.0 (11-28)Poorly graded SAND(SP):Poorly graded medium to coarse grained Sand with some Gravel. Decreasing Gravel content downward. Loose	SP									
			14											
			16											
			18											
			20											
			22											
			24											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
	Enviroforensics

Facility/Project Name: OHM-6140-Wauwatosa
Boring No. : DP-9

License/Project/Monitoring No. :
WI Unique Well No. :

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
			26											
			28	28.0 - 31.0 (28-31)Clayey SAND(SC):Clayey fine grained Sand with Clay. Slightly dense and moist	SC									
			30											
			32	31.0 - 32.0 (31-32)Well graded SAND(SW):Medium to coarse grained Sand with some Clay and Gravel and trace Cobbles. Slightly loose and moist.	SW									

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
OHM-6140-Wauwatosa		DP-10/SG--3

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Mark Last Name: Montalvo Firm: Envirodynamics	12 / 13 / 2010 (m m / d d / y y y y)	12 / 13 / 2010 (m m / d d / y y y y)	Direct Push

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	2.25 inches

Local Grid Origin ☐ (estimated: [X]) or Boring Location [X]
State Plane _____ N, _____ E
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____
Lat 43° 3 ' 4.4 "
Long 87° 59 ' 46.5"
Local Grid Location [X] N ☐ E _____ Feet ☐ S _____ Feet [X] W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	Wauwatosa City

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			0	0.0 - 0.5 (0-0.5)PAVEMENT(PA):Asphalt/pavement road base	PA									
			2	0.5 - 6.0 (0.5-6)Well graded SAND(SW):Dark brown, Clayey, Silty, SAND with trace Gravel. Medium grained and moist.	SW									
			4											
			6	6.0 - 16.0 (6-16)Well graded SAND(SW):Gravelly, Cobbly SAND. Medium to coarse grained. Loose. Interbedded stratified layers of poorly graded, medium grained Sand with no Gravel.	SW									
			8											
			10											
			12											
			14											
			16	16.0 - 24.0 (16-24)Well graded GRAVEL(GW):Cobbly GRAVEL with little Sand. Loose	GW									
			18											
			20											
			22											
			24											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
	Enviroforensics

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Sample: Number and Type	Sample: Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
			26	**24.0 - 28.0 (24-28)Poorly graded SAND(SP):Brown, medium grained SAND. Loose, moist**	**SP**									
			28	**28.0 - 32.0 (28-32)Clayey SAND(SC):Grayish brown Clayey SAND. Slightly dense and most. Fining downward with increased Clay content**	**SC**									
			30											
			32											

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Page 1 of _____

Facility/Project Name: OHM-6140-Wauwatosa	License/Permit/Monitoring Number:	Boring Number: DP-11
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Mark Last Name: Montalvo; Firm: Envirodynamics	Date Drilling Started: 11/18/2010	Date Drilling Completed: 11/18/2010 — Drilling Method: Direct Push
WI Unique Well No.: _ _ _ _ _ _ — DNR Well ID No.: _ _ _ — Well Name:	Final Static Water Level: _____ Feet MSL	Surface Elevation: _____ Feet MSL — Borehole Diameter: 2.25 inches
Local Grid Origin ☐ (estimated: ☒) or Boring Location ☒ — State Plane _____ N, _____ E; _____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____	Lat 43° 3 ' 3.2 " — Long 87° 59 ' 0.02"	Local Grid Location: ☒ N ☐ E; _____ Feet ☐ S _____ Feet ☒ W
Facility ID	County: MILWAUKEE — County Code: 41	Civil Town/City/ or Village: Wauwatosa City

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			0	0.0 - 0.5 (0-0.5)PAVEMENT(PA): Asphalt, pavement road base.	PA									
			2	0.5 - 8.0 (0.5-8)Clayey SAND(SC):Clayey SAND with trace Gravel and Cobbles, slightly moist, slightly loose.	SC									
			8	8.0 - 27.0 (8-27)Gravelly SAND(SW):Gravelly SAND with some Cobbles. Medium grained, loose, dry. Decreasing gravel content downward.	SW									
			24											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____ Firm: Enviroforensics

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Facility/Project Name: OHM-6140-Wauwatosa
Boring No. : DP-11

License/Project/Monitoring No. :
WI Unique Well No. :

Sample										Soil Properties					
Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			26											
				27.0 - 32.0 (27-32)Well graded SAND(SW): Brown, medium-grained SAND with trace Gravel. Loose and dry	SW									
			28											
			30											
			32											

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Facility/Project Name: OHM-6140-Wauwatosa	License/Permit/Monitoring Number	Boring Number: SG-1	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Mark Last Name: Montalvo Firm: Envirodynamics	Date Drilling Started: 11/18/2010	Date Drilling Completed: 11/18/2010	Drilling Method: Direct Push
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level: _____ Feet MSL	Surface Elevation: _____ Feet MSL	Borehole Diameter: 2.25 inches
Local Grid Origin ☐ (estimated: ☒) or Boring Location ☒ State Plane _____ N, _____ E _____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____		Lat 43° 3' 3.4" Long 87° 59' 47.6"	Local Grid Location ☒ N ☐ E _____ Feet ☐ S _____ Feet ☒ W
Facility ID	County: MILWAUKEE	County Code: 41	Civil Town/City/ or Village: Wauwatosa City

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			2	0.0 - 0.5 (0-0.5)PAVEMENT(PA):Pavement, asphalt	PA									
				0.5 - 1.0 (0.5-1)CONCRETE(CO):Concrete	CO									
				1.0 - 3.0 (1-3)Well graded SAND(SW):Brown SAND with some Silt, Gravel, and trace Cobbles. Fine to medium grained. Loose and moist	SW									
			4	3.0 - 6.0 (3-6)Clayey SAND(SC):Brown Clayey SAND with some Gravel.	SC									
			6	6.0 - 7.0 (6-7)Well graded SAND(SW):Light brown well graded SAND. Medium to fine grained, loose	SW									
			8											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
	Enviroforensics

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Facility/Project Name: OHM-6140-Wauwatosa	License/Permit/Monitoring Number	Boring Number: SG-2	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Mark Last Name: Montalvo Firm: Envirodynamics	Date Drilling Started: 11/18/2010 (m m / d d / y y y y)	Date Drilling Completed: 11/18/2010 (m m / d d / y y y y)	Drilling Method: Hand Auger
WI Unique Well No. _ _ _ _ _ _ / DNR Well ID No. _ _ _ _ / Well Name	Final Static Water Level: _____ Feet MSL	Surface Elevation: _____ Feet MSL	Borehole Diameter: 2.25 inches
Local Grid Origin ☐ (estimated: ☒) or Boring Location ☒ State Plane _____ N, _____ E _____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____	Lat 43° 3' 4.2" Long 87° 59' 47.02	Local Grid Location ☒ N ☐ E _____ Feet ☐ S _____ Feet ☒ W	
Facility ID	County: MILWAUKEE	County Code: 41	Civil Town/City/ or Village: Wauwatosa City

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			2 4 6	0.0 - 1.0 (0-1)TOPSOIL(OL):Topsoil and organics 1.0 - 6.2 (1-6.2)Well graded SAND(SW):Brown SAND with some Gravel and trace Silt. Medium to coarse grained. Loose and slightly moist	OL SW									

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
	Enviroforensics

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Facility/Project Name: OHM-6140-Wauwatosa	License/Permit/Monitoring Number:	Boring Number: SG-4
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Mark Last Name: Montalvo; Firm: Envirodynamics	Date Drilling Started: 11/18/2010	Date Drilling Completed: 11/18/2010 — Drilling Method: Direct Push
WI Unique Well No.: _ _ _ _ _ _ _ — DNR Well ID No.: _ _ _ — Well Name:	Final Static Water Level: _____ Feet MSL	Surface Elevation: _____ Feet MSL — Borehole Diameter: 2.25 inches
Local Grid Origin ☐ (estimated: [X]) or Boring Location [X] — State Plane _____ N, _____ E; _____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____	Lat 43° 3' 4.2" Long 87° 59' 46.5"	Local Grid Location: [X] N ☐ E; _____ Feet ☐ S _____ Feet [X] W
Facility ID	County: MILWAUKEE — County Code: 41	Civil Town/City/ or Village: Wauwatosa City

Sample: Number and Type	Sample: Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
			0	0.0 - 0.5 (0-0.5)PAVEMENT(PA):Asphalt, pavement road base	PA									
			2	0.5 - 3.0 (0.5-3)Well graded SAND(SW):Reddish brown Gravelly SAND with Silt and Clay. Slightly moist.	SW									
			4	3.0 - 7.0 (3-7)Poorly graded SAND(SP):Poorly graded SAND with little Clay. Very fine grained and slightly loose.	SP									
			6											
			8											

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	Enviroforensics

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
OHM Wauwatosa	02-41-551923	DP-12

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site	10/23/2012	10/23/2012	Direct Push

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
1/4 of 1/4 of Section , T N, R
Lat 43° 3' 4.1"
Long 87° 59' 46.5"
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
241287640	41		Wauwatosa

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			0	(0'-1') **CONCRETE:** Concrete parking area.	Concrete									
			1.5	(1'-2') **Gravel Roadbase:** Gravel Fill beneath concrete pad.	GW									
					OL			0.8						
			3.0	(2'-2.75') **ORGANIC(OL):**Highly ORGANIC Dark Brown Silty Clay, slightly stiff, moist.	ML/SC									
			4.5	(2.75'-5') **SILT(MLS):**Brown Sandy SILT, loose, fine Sand, dry.										
			6.0	(5'-7') **SAND(SP):**Brown SAND, fine grained, trace Silt, slightly moist.	SP									
			7.5	(7'-15') **SAND(SW):**Brown SAND, fine through large grained, with Gravel and Silt, slightly moist, loose.										
			9.0											
			10.5		SW			1.7						
			12.0											
			13.5											
			15.0	(15'-17.5') **SILT:**Brown Gravelly SILT, trace fine Sand, loose, slightly moist.	ML									
			16.5											
			18.0	(17.5'-27.5') **SAND:**Brown Gravelly SAND, fine through coarse grained, trace Silt, loose, moist.	SW									
			19.5											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm	Tel:
	Enviroforensics N16 W23390 Stone Ridge Dr Suite G Waukesha WI 53188	317-972-7870 Fax:

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number DP-12 Use only as an attachment to Form 4400-122. Page 2 of 2

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			21.0	(17.5'-27.5') **SAND:**Brown Gravelly SAND, fine through coarse grained, trace Silt, loose, moist. *(continued)*	SW									
			22.5											
			24.0											
			25.5											
			27.0											
			28.5	(27.5'-31') **SAND(SW):**Brown SAND, fine through coarse, no trace grains, loose, moist.	SW									
			30.0											
			31.5	(31'-33') **SAND(SP):**Brown SAND, fine grained, trace fine Gravel, loose, moist.	SP			0.4						
			33.0											
			34.5	(33'-35') **SAND(SW):**Grayish-Brown Gravelly SAND, fine through coarse grained, loose, moist.	SW									

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
OHM Wauwatosa	02-41-551923	DP-14

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site	10/23/2012	10/23/2012	Direct Push

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	726.0 Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
1/4 of 1/4 of Section , T N, R
Lat 43° 3' 4.5"
Long 87° 59' 46.8"
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
241287640	41		Wauwatosa

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1.5	**(0'-50') BLANK DRILLED**										
			3.0											
			4.5											
			6.0											
			7.5											
			9.0											
			10.5											
			12.0											
			13.5											
			15.0											
			16.5											
			18.0											
			19.5											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm	
	Enviroforensics N16 W23390 Stone Ridge Dr Suite G Waukesha WI 53188	Tel: 317-972-7870 Fax:

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number DP-14 Use only as an attachment to Form 4400-122. Page 2 of 2

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			21.0	**(0'-50') BLANK DRILLED** *(continued)*										
			22.5											
			24.0											
			25.5											
			27.0											
			28.5											
			30.0											
			31.5											
			33.0											
			34.5											
			36.0											
			37.5											
			39.0											
			40.5											
			42.0											
			43.5											
			45.0											
			46.5											
			48.0											
			49.5											
SOIL	24 24		51.0	**(50'-52') SANDY SILT (MLS):** Grayish Brown SANDY SILT, fine through medium grained Sand, loose, dry.	MLS									

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
OHM Wauwatosa	02-41-551923	DP-15

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site	3/7/2013	3/7/2013	Direct Push

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			669.0 Feet MSL	726.0 Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S / C / N
1/4 of 1/4 of Section , T N, R
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
241287640	41		Wauwatosa

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1.5 3.0 4.5 6.0 7.5 9.0 10.5 12.0 13.5 15.0 16.5 18.0 19.5	**(0'-45') BLANK DRILLED:**CONTINUE BOREHOLE.	N/A									

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm	
	Enviroforensics N16 W23390 Stone Ridge Dr Suite G Waukesha WI 53188	Tel: 317-972-7870 Fax:

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number DP-15 Use only as an attachment to Form 4400-122. Page 2 of 3

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			21.0	**(0'-45') BLANK DRILLED:**CONTINUE BOREHOLE. *(continued)*										
			22.5											
			24.0											
			25.5											
			27.0											
			28.5											
			30.0											
			31.5											
			33.0		N/A									
			34.5											
			36.0											
			37.5											
			39.0											
			40.5											
			42.0											
			43.5											
			45.0	**(45'-45.5') CLAY (CL):**Gray CLAY, stiff, slightly moist, no trace grains.	CL			0.8						
					SW									
			46.5	**(45.5'-45.6') SAND (SW):**Brown SAND, trave Gravel, Silt and Clay, loose, slightly moist.										
			48.0											
			49.5	**(45.6'-54.5') CLAY (CL):**Gray Silty CLAY, stiff, slightly moist.	CL									
			51.0											
			52.5											

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number DP-15 Use only as an attachment to Form 4400-122. Page 3 of 3

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			54.0		CL			0.7						
			55.5	**(54.5'-56') Clayey GRAVEL (GW):**Brown Clayey GRAVEL, slightly loose, slightly moist.	GW/GC									
			57.0	**(56'-57') SAND (SW):**Brown SAND, trace Clay and Silt, loose, moist.	SW		▼	0.0						
				(57'-58') Sandy GRAVEL(GW): Brown Sandy GRAVEL, fine through coarse grained, loose, saturated.	GW									
				End Of Boring -58'-										

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
OHM Wauwatosa	02-41-551923	UHA-1

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Kyle Heimstead Enviroforensics	7/10/2013	7/10/2013	hand auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	4.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S / C / N
1/4 of 1/4 of Section , T N, R
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
241287640	41		Wauwatosa

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			0	**(0'-0.25') ASPHALT (AS):** ASPHALT surface.	AS									
			1.5	**(0.25'-1.25') FILL:** Fill material, crushed stone number 57, 2" through 0.25" sized material.	Fill			0.0						
			3.0	**(1.25'-4') FILL:** FILL material, crushed stone number 57 and 703.1, material ranging from 1.5" on down, packed fairly tight.	Fill			0.0						
				END OF BORING - 4'										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm	
	Enviroforensics N16 W23390 Stone Ridge Dr Suite G Waukesha WI 53188	Tel: 317-972-7870 Fax:

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
OHM Wauwatosa	02-41-551923	UHA-2

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Kyle Heimstead Enviroforensics	7/10/2013	7/10/2013	hand auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	4.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S / C / N
1/4 of 1/4 of Section , T N, R
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
241287640	41		Wauwatosa

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1.5	**(0'-0.5') CONCRETE:**CONCRETE surface.	NA									
				(0.5'-1.5') FILL: Fill material, crushed stone number 57, 2" through 0.25" sized material.	Fill			0.0						
			3.0	**(1.25'-4') FILL:**FILL material, crushed stone number 57 and 703.1, material ranging from 1.5" on down, packed fairly tight.	Fill			0.0						
			4.5	END OF BORING - 5.25'										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm	
	Enviroforensics N16 W23390 Stone Ridge Dr Suite G Waukesha WI 53188	Tel: 317-972-7870 Fax:

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State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

[X] Verification Only of Fill and Seal

Route to: [ ] Drinking Water [ ] Watershed/Wastewater [X] Remediation/Redevelopment [ ] Waste Management [ ] Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
WAUKESHA		

Latitude / Longitude (Degrees and Minutes): 43 · 03 . 071 'N, 87 · 59 . 782 'W
Method Code (see instructions): GPS006

¼ ¼ NE ¼ SE | Section 22 | Township 07 N | Range 21 [X] E [ ] W
or Gov't Lot #

Well Street Address: 6737 Milwaukee Ave

Well City, Village or Town	Well ZIP Code
Wauwatosa	53213-

Subdivision Name	Lot #

Reason For Removal From Service: Lithology described, samples collec
WI Unique Well # of Replacement Well:

2. Facility / Owner Information

Facility Name: One Hour Martinizing Wauwatosa
Facility ID (FID or PWS): 241287640
License/Permit/Monitoring #:
Original Well Owner: Brian Cass
Present Well Owner: Brian Cass
Mailing Address of Present Owner: 6736 Milwaukee Ave

City of Present Owner	State	ZIP Code
Wauwatosa	WI	53213-

3. Well / Drillhole / Borehole Information

[ ] Monitoring Well
[ ] Water Well
[X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 11/5/2009
If a Well Construction Report is available, please attach.

Construction Type:
[ ] Drilled [X] Driven (Sandpoint) [ ] Dug [ ] Other (specify):

Formation Type:
[X] Unconsolidated Formation [ ] Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)

Lower Drillhole Diameter (in.)	Casing Depth (ft.)

Was well annular space grouted? [ ] Yes [ ] No [ ] Unknown

If yes, to what depth (feet)?	Depth to Water (feet)

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	[ ] Yes	[ ] No	[X] N/A
Liner(s) removed?	[ ] Yes	[ ] No	[X] N/A
Screen removed?	[ ] Yes	[ ] No	[X] N/A
Casing left in place?	[ ] Yes	[ ] No	[X] N/A
Was casing cut off below surface?	[ ] Yes	[ ] No	[X] N/A
Did sealing material rise to surface?	[X] Yes	[ ] No	[ ] N/A
Did material settle after 24 hours?	[ ] Yes	[X] No	[ ] N/A
If yes, was hole retopped?	[ ] Yes	[ ] No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	[ ] No	[ ] N/A

Required Method of Placing Sealing Material
[ ] Conductor Pipe-Gravity [ ] Conductor Pipe-Pumped
[X] Screened & Poured (Bentonite Chips) [ ] Other (Explain):

Sealing Materials
[ ] Neat Cement Grout [ ] Clay-Sand Slurry (11 lb./gal. wt.)
[ ] Sand-Cement (Concrete) Grout [ ] Bentonite-Sand Slurry " "
[ ] Concrete [X] Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
[ ] Bentonite Chips [ ] Bentonite - Cement Grout
[ ] Granular Bentonite [ ] Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)		
Top Soil	Surface	0.25		
Bentonite Chips	0.25	6.5		

6. Comments

HA-1

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Jonathon Jordan		11/6/2009

Street or Route	Telephone Number
N16W23390 Stone Ridge Dr	(317) 972-7870

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Waukesha	WI	53188-		

DNR Use Only

Date Received	Noted By

Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

[X] Verification Only of Fill and Seal

Route to:
[ ] Drinking Water [ ] Watershed/Wastewater [X] Remediation/Redevelopment
[ ] Waste Management [ ] Other:

1. Well Location Information

County: WAUKESHA
WI Unique Well # of Removed Well: _ _ _ _ _
Hicap #:
Latitude / Longitude (Degrees and Minutes): 43 · 03 . 077 'N / 87 · 59 . 793 'W
Method Code (see instructions): GPS006
¼ ¼: NE ¼ SE
or Gov't Lot #:
Section: 22
Township: 07 N
Range: 21 [X] E [ ] W
Well Street Address: 6737 Milwaukee Ave
Well City, Village or Town: Wauwatosa
Well ZIP Code: 53213-
Subdivision Name:
Lot #:
Reason For Removal From Service: Lithology described, samples collec
WI Unique Well # of Replacement Well: _ _ _ _ _

2. Facility / Owner Information

Facility Name: One Hour Martinizing Wauwatosa
Facility ID (FID or PWS): 241287640
License/Permit/Monitoring #:
Original Well Owner: Brian Cass
Present Well Owner: Brian Cass
Mailing Address of Present Owner: 6736 Milwaukee Ave
City of Present Owner: Wauwatosa
State: WI
ZIP Code: 53213-

3. Well / Drillhole / Borehole Information

[ ] Monitoring Well
[ ] Water Well
[X] Borehole / Drillhole
Original Construction Date (mm/dd/yyyy): 11/5/2009
If a Well Construction Report is available, please attach.

Construction Type:
[ ] Drilled [X] Driven (Sandpoint) [ ] Dug
[ ] Other (specify):

Formation Type:
[X] Unconsolidated Formation [ ] Bedrock

Total Well Depth From Ground Surface (ft.):
Casing Diameter (in.):
Lower Drillhole Diameter (in.):
Casing Depth (ft.):

Was well annular space grouted? [ ] Yes [ ] No [ ] Unknown
If yes, to what depth (feet)?
Depth to Water (feet):

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	[ ] Yes	[ ] No	[X] N/A
Liner(s) removed?	[ ] Yes	[ ] No	[X] N/A
Screen removed?	[ ] Yes	[ ] No	[X] N/A
Casing left in place?	[ ] Yes	[ ] No	[X] N/A
Was casing cut off below surface?	[ ] Yes	[ ] No	[X] N/A
Did sealing material rise to surface?	[X] Yes	[ ] No	[ ] N/A
Did material settle after 24 hours?	[ ] Yes	[X] No	[ ] N/A
If yes, was hole retopped?	[ ] Yes	[ ] No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	[ ] No	[ ] N/A

Required Method of Placing Sealing Material
[ ] Conductor Pipe-Gravity [ ] Conductor Pipe-Pumped
[X] Screened & Poured (Bentonite Chips) [ ] Other (Explain):

Sealing Materials
[ ] Neat Cement Grout [ ] Clay-Sand Slurry (11 lb./gal. wt.)
[ ] Sand-Cement (Concrete) Grout [ ] Bentonite-Sand Slurry " "
[ ] Concrete [X] Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
[ ] Bentonite Chips [ ] Bentonite - Cement Grout
[ ] Granular Bentonite [ ] Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

Material	From (ft.)	To (ft.)		
Asphalt Pavement	Surface	0.5		
Bentonite chips	0.5	20		

6. Comments

Boring ID: DP-2

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing: EnviroForensics
License #:
Date of Filling & Sealing (mm/dd/yyyy): 11/5/2009
Street or Route: N16W23390 Stone Ridge Dr
Telephone Number: (317) 972-7870
City: Waukesha
State: WI
ZIP Code: 53188-
Signature of Person Doing Work:
Date Signed:

DNR Use Only
Date Received:
Noted By:
Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

[x] Verification Only of Fill and Seal

Route to: [ ] Drinking Water [ ] Watershed/Wastewater [x] Remediation/Redevelopment [ ] Waste Management [ ] Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
WAUKESHA		

Latitude / Longitude (Degrees and Minutes): 43 · 03 . 078 'N / 88 · 59 . 781 'W

Method Code (see instructions): GPS006

¼ ¼	¼	Section	Township	Range
NE	SE	22	07 N	21 [x] E [ ] W

or Gov't Lot #

Well Street Address: 6737 Milwaukee Ave

Well City, Village or Town	Well ZIP Code
Wauwatosa	53213-

Subdivision Name	Lot #

Reason For Removal From Service: Lithology described, samples collec

WI Unique Well # of Replacement Well:

2. Facility / Owner Information

Facility Name: One Hour Martinizing Wauwatosa

Facility ID (FID or PWS): 241287640

License/Permit/Monitoring #:

Original Well Owner: Brian Cass

Present Well Owner: Brian Cass

Mailing Address of Present Owner: 6736 Milwaukee Ave

City of Present Owner	State	ZIP Code
Wauwatosa	WI	53213-

3. Well / Drillhole / Borehole Information

[ ] Monitoring Well
[ ] Water Well
[x] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 11/5/2009

If a Well Construction Report is available, please attach.

Construction Type:
[ ] Drilled [x] Driven (Sandpoint) [ ] Dug [ ] Other (specify):

Formation Type:
[x] Unconsolidated Formation [ ] Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)

Lower Drillhole Diameter (in.)	Casing Depth (ft.)

Was well annular space grouted? [ ] Yes [ ] No [ ] Unknown

If yes, to what depth (feet)?	Depth to Water (feet)

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	[ ] Yes	[ ] No	[x] N/A
Liner(s) removed?	[ ] Yes	[ ] No	[x] N/A
Screen removed?	[ ] Yes	[ ] No	[x] N/A
Casing left in place?	[ ] Yes	[ ] No	[x] N/A
Was casing cut off below surface?	[ ] Yes	[ ] No	[x] N/A
Did sealing material rise to surface?	[x] Yes	[ ] No	[ ] N/A
Did material settle after 24 hours?	[ ] Yes	[x] No	[ ] N/A
If yes, was hole retopped?	[ ] Yes	[ ] No	[x] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[x] Yes	[ ] No	[ ] N/A

Required Method of Placing Sealing Material
[ ] Conductor Pipe-Gravity [ ] Conductor Pipe-Pumped
[x] Screened & Poured (Bentonite Chips) [ ] Other (Explain):

Sealing Materials
[ ] Neat Cement Grout [ ] Clay-Sand Slurry (11 lb./gal. wt.)
[ ] Sand-Cement (Concrete) Grout [ ] Bentonite-Sand Slurry " "
[ ] Concrete [x] Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
[ ] Bentonite Chips [ ] Bentonite - Cement Grout
[ ] Granular Bentonite [ ] Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)		
Asphalt	Surface	0.25		
Bentonite Chips	0.25	20		

6. Comments

DP-3

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Jonathon Jordan		11/5/2009

Street or Route	Telephone Number
N16W23390 Stone Ridge Dr	(317) 972-7870

City	State	ZIP Code
Waukesha	WI	53188-

Signature of Person Doing Work:

Date Signed:

DNR Use Only

Date Received	Noted By

Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

[X] Verification Only of Fill and Seal

Route to: [ ] Drinking Water [ ] Watershed/Wastewater [X] Remediation/Redevelopment [ ] Waste Management [ ] Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
WAUKESHA		

Latitude / Longitude (Degrees and Minutes): 43 · 03 . 075 'N / 87 · 59 . 777 'W

Method Code (see instructions): GPS006

¼ ¼ NE ¼ SE | Section 22 | Township 07 N | Range 21 [X] E [ ] W | or Gov't Lot #

Well Street Address: 6737 Milwaukee Ave

Well City, Village or Town: Wauwatosa

Well ZIP Code: 53213-

Subdivision Name:

Lot #:

Reason For Removal From Service: Lithology described, samples collec

WI Unique Well # of Replacement Well:

3. Well / Drillhole / Borehole Information

[ ] Monitoring Well
[ ] Water Well
[X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 11/5/2009

If a Well Construction Report is available, please attach.

Construction Type:
[ ] Drilled [X] Driven (Sandpoint) [ ] Dug
[ ] Other (specify):

Formation Type:
[X] Unconsolidated Formation [ ] Bedrock

Total Well Depth From Ground Surface (ft.):

Casing Diameter (in.):

Lower Drillhole Diameter (in.):

Casing Depth (ft.):

Was well annular space grouted? [ ] Yes [ ] No [ ] Unknown

If yes, to what depth (feet)?

Depth to Water (feet):

2. Facility / Owner Information

Facility Name: One Hour Martinizing Wauwatosa

Facility ID (FID or PWS): 241287640

License/Permit/Monitoring #:

Original Well Owner: Brian Cass

Present Well Owner: Brian Cass

Mailing Address of Present Owner: 6736 Milwaukee Ave

City of Present Owner: Wauwatosa | State: WI | ZIP Code: 53213-

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	[ ] Yes	[ ] No	[X] N/A
Liner(s) removed?	[ ] Yes	[ ] No	[X] N/A
Screen removed?	[ ] Yes	[ ] No	[X] N/A
Casing left in place?	[ ] Yes	[ ] No	[X] N/A
Was casing cut off below surface?	[ ] Yes	[ ] No	[X] N/A
Did sealing material rise to surface?	[X] Yes	[ ] No	[ ] N/A
Did material settle after 24 hours?	[ ] Yes	[X] No	[ ] N/A
If yes, was hole retopped?	[ ] Yes	[ ] No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	[ ] No	[ ] N/A

Required Method of Placing Sealing Material
[ ] Conductor Pipe-Gravity [ ] Conductor Pipe-Pumped
[X] Screened & Poured (Bentonite Chips) [ ] Other (Explain):

Sealing Materials
[ ] Neat Cement Grout [ ] Clay-Sand Slurry (11 lb./gal. wt.)
[ ] Sand-Cement (Concrete) Grout [ ] Bentonite-Sand Slurry " "
[ ] Concrete [X] Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
[ ] Bentonite Chips [ ] Bentonite - Cement Grout
[ ] Granular Bentonite [ ] Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)		
Concrete	Surface	0.5		
Bentonite	0.5	34'		

6. Comments

DP-4

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Jonathon Jordan		11/5/2009

Street or Route: N16W23390 Stone Ridge Dr

Telephone Number: (317) 972-7870

City: Waukesha | State: WI | ZIP Code: 53188-

Signature of Person Doing Work:

Date Signed:

DNR Use Only

Date Received: | Noted By:

Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

[X] Verification Only of Fill and Seal

Route to: [ ] Drinking Water [ ] Watershed/Wastewater [X] Remediation/Redevelopment [ ] Waste Management [ ] Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
WAUKESHA		

Latitude / Longitude (Degrees and Minutes) 43 ° 03 . 075 'N
87 ° 59 . 774 'W

Method Code (see instructions): GPS006

¼ ¼ NE ¼ SE | Section 22 | Township 07 N | Range 21 [X] E [ ] W

or Gov't Lot #

Well Street Address: 6737 Milwaukee Ave

Well City, Village or Town: Wauwatosa | Well ZIP Code: 53213-

Subdivision Name | Lot #

Reason For Removal From Service: Lithology described, samples collec | WI Unique Well # of Replacement Well

2. Facility / Owner Information

Facility Name: One Hour Martinizing Wauwatosa

Facility ID (FID or PWS): 241287640

License/Permit/Monitoring #

Original Well Owner: Brian Cass

Present Well Owner: Brian Cass

Mailing Address of Present Owner: 6736 Milwaukee Ave

City of Present Owner: Wauwatosa | State: WI | ZIP Code: 53213-

3. Well / Drillhole / Borehole Information

[ ] Monitoring Well
[ ] Water Well
[X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy)

If a Well Construction Report is available, please attach.

Construction Type:
[ ] Drilled [X] Driven (Sandpoint) [ ] Dug
[ ] Other (specify):

Formation Type:
[X] Unconsolidated Formation [ ] Bedrock

Total Well Depth From Ground Surface (ft.) | Casing Diameter (in.)

Lower Drillhole Diameter (in.) | Casing Depth (ft.)

Was well annular space grouted? [ ] Yes [ ] No [ ] Unknown

If yes, to what depth (feet)? | Depth to Water (feet)

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	[ ] Yes	[ ] No	[X] N/A
Liner(s) removed?	[ ] Yes	[ ] No	[X] N/A
Screen removed?	[ ] Yes	[ ] No	[X] N/A
Casing left in place?	[ ] Yes	[ ] No	[X] N/A
Was casing cut off below surface?	[ ] Yes	[ ] No	[X] N/A
Did sealing material rise to surface?	[X] Yes	[ ] No	[ ] N/A
Did material settle after 24 hours?	[ ] Yes	[X] No	[ ] N/A
If yes, was hole retopped?	[ ] Yes	[ ] No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	[ ] No	[ ] N/A

Required Method of Placing Sealing Material
[ ] Conductor Pipe-Gravity [ ] Conductor Pipe-Pumped
[X] Screened & Poured (Bentonite Chips) [ ] Other (Explain):

Sealing Materials
[ ] Neat Cement Grout [ ] Clay-Sand Slurry (11 lb./gal. wt.)
[ ] Sand-Cement (Concrete) Grout [ ] Bentonite-Sand Slurry " "
[ ] Concrete [X] Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
[ ] Bentonite Chips [ ] Bentonite - Cement Grout
[ ] Granular Bentonite [ ] Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)		
Concrete	Surface	0.25		
Bentonite	0.25	20		

6. Comments

DP-5

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Jonathon Jordan		

Street or Route: N16W23390 Stone Ridge Dr | Telephone Number: (317) 972-7870

City: Waukesha | State: WI | ZIP Code: 53188-

Signature of Person Doing Work | Date Signed

DNR Use Only

Date Received | Noted By | Comments

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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[X] Verification Only of Fill and Seal

Route to: [ ] Drinking Water [ ] Watershed/Wastewater [X] Remediation/Redevelopment [ ] Waste Management [ ] Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
WAUKESHA		

Latitude / Longitude (Degrees and Minutes) — Method Code (see instructions)

43 ° 03 . 076 'N
87 ° 59 . 799 'W — GPS006

¼ ¼	¼	Section	Township	Range	
NE	SE	22	07 N	21	[X] E [ ] W

or Gov't Lot #

Well Street Address: 6737 Milwaukee Ave

Well City, Village or Town	Well ZIP Code
Wauwatosa	53213-

Subdivision Name	Lot #

Reason For Removal From Service: Lithology described, samples collec

WI Unique Well # of Replacement Well:

3. Well / Drillhole / Borehole Information

[ ] Monitoring Well
[ ] Water Well
[X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 11/18/2010

If a Well Construction Report is available, please attach.

Construction Type:
[ ] Drilled [X] Driven (Sandpoint) [ ] Dug [ ] Other (specify):

Formation Type:
[X] Unconsolidated Formation [ ] Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)

Lower Drillhole Diameter (in.)	Casing Depth (ft.)

Was well annular space grouted? [ ] Yes [ ] No [ ] Unknown

If yes, to what depth (feet)?	Depth to Water (feet)

2. Facility / Owner Information

Facility Name: One Hour Martinizing Wauwatosa

Facility ID (FID or PWS): 241287640

License/Permit/Monitoring #:

Original Well Owner: Brian Cass

Present Well Owner: Brian Cass

Mailing Address of Present Owner: 6736 Milwaukee Ave

City of Present Owner	State	ZIP Code
Wauwatosa	WI	53213-

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	[ ] Yes	[ ] No	[X] N/A
Liner(s) removed?	[ ] Yes	[ ] No	[X] N/A
Screen removed?	[ ] Yes	[ ] No	[X] N/A
Casing left in place?	[ ] Yes	[ ] No	[X] N/A
Was casing cut off below surface?	[ ] Yes	[ ] No	[X] N/A
Did sealing material rise to surface?	[X] Yes	[ ] No	[ ] N/A
Did material settle after 24 hours?	[ ] Yes	[X] No	[ ] N/A
If yes, was hole retopped?	[ ] Yes	[ ] No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	[ ] No	[ ] N/A

Required Method of Placing Sealing Material
[ ] Conductor Pipe-Gravity [ ] Conductor Pipe-Pumped
[X] Screened & Poured (Bentonite Chips) [ ] Other (Explain):

Sealing Materials
[ ] Neat Cement Grout [ ] Clay-Sand Slurry (11 lb./gal. wt.)
[ ] Sand-Cement (Concrete) Grout [ ] Bentonite-Sand Slurry " "
[ ] Concrete [X] Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
[ ] Bentonite Chips [ ] Bentonite - Cement Grout
[ ] Granular Bentonite [ ] Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

From (ft.)	To (ft.)		
Surface	0.25	Concrete Path	
0.25	32		

6. Comments

DP-6

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Jonathon Jordan		

Street or Route	Telephone Number
N16W23390 Stone Ridge Dr	(317) 972-7870

City	State	ZIP Code
Waukesha	WI	53188-

Signature of Person Doing Work:

Date Signed:

DNR Use Only

Date Received	Noted By

Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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[x] Verification Only of Fill and Seal

Route to:
[ ] Drinking Water [ ] Watershed/Wastewater [x] Remediation/Redevelopment
[ ] Waste Management [ ] Other:

1. Well Location Information

County: WAUKESHA
WI Unique Well # of Removed Well: ____
Hicap #:
Latitude / Longitude (Degrees and Minutes) Method Code (see instructions)
43 . 03 . 082 N
87 . 59 . 789 W
GPS006
¼ ¼ NE ¼ SE
or Gov't Lot #:
Section: 22
Township: 07 N
Range: 21 [x] E [ ] W
Well Street Address: 6737 Milwaukee Ave
Well City, Village or Town: Wauwatosa
Well ZIP Code: 53213-
Subdivision Name:
Lot #:
Reason For Removal From Service: Lithology described, samples collec
WI Unique Well # of Replacement Well: ____

2. Facility / Owner Information

Facility Name: One Hour Martinizing Wauwatosa
Facility ID (FID or PWS): 241287640
License/Permit/Monitoring #:
Original Well Owner: Brian Cass
Present Well Owner: Brian Cass
Mailing Address of Present Owner: 6736 Milwaukee Ave
City of Present Owner: Wauwatosa
State: WI
ZIP Code: 53213-

3. Well / Drillhole / Borehole Information

[ ] Monitoring Well
[ ] Water Well
[x] Borehole / Drillhole
Original Construction Date (mm/dd/yyyy): 11/18/2010
If a Well Construction Report is available, please attach.

Construction Type:
[ ] Drilled [x] Driven (Sandpoint) [ ] Dug
[ ] Other (specify):

Formation Type:
[x] Unconsolidated Formation [ ] Bedrock

Total Well Depth From Ground Surface (ft.):
Casing Diameter (in.):
Lower Drillhole Diameter (in.):
Casing Depth (ft.):

Was well annular space grouted? [ ] Yes [ ] No [ ] Unknown
If yes, to what depth (feet)?
Depth to Water (feet):

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	[ ] Yes	[ ] No	[x] N/A
Liner(s) removed?	[ ] Yes	[ ] No	[x] N/A
Screen removed?	[ ] Yes	[ ] No	[x] N/A
Casing left in place?	[ ] Yes	[ ] No	[x] N/A
Was casing cut off below surface?	[ ] Yes	[ ] No	[x] N/A
Did sealing material rise to surface?	[x] Yes	[ ] No	[ ] N/A
Did material settle after 24 hours?	[ ] Yes	[x] No	[ ] N/A
If yes, was hole retopped?	[ ] Yes	[ ] No	[x] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[x] Yes	[ ] No	[ ] N/A

Required Method of Placing Sealing Material
[ ] Conductor Pipe-Gravity [ ] Conductor Pipe-Pumped
[x] Screened & Poured (Bentonite Chips) [ ] Other (Explain):

Sealing Materials
[ ] Neat Cement Grout [ ] Clay-Sand Slurry (11 lb./gal. wt.)
[ ] Sand-Cement (Concrete) Grout [ ] Bentonite-Sand Slurry " "
[ ] Concrete [x] Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
[ ] Bentonite Chips [ ] Bentonite - Cement Grout
[ ] Granular Bentonite [ ] Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)		
Concrete Patch	Surface	0.25		
Bentonite Chips	0.25	32		

6. Comments

DP-7

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing: Jonathon Jordan
License #:
Date of Filling & Sealing (mm/dd/yyyy): 11/18/2010
Street or Route: N16W23390 Stone Ridge Dr
Telephone Number: (317) 972-7870
City: Waukesha
State: WI
ZIP Code: 53188-
Signature of Person Doing Work:
Date Signed:

DNR Use Only
Date Received:
Noted By:
Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

[x] Verification Only of Fill and Seal

Route to:
[ ] Drinking Water [ ] Watershed/Wastewater [x] Remediation/Redevelopment
[ ] Waste Management [ ] Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
WAUKESHA		

Latitude / Longitude (Degrees and Minutes) — Method Code (see instructions)
43 ° 03 . 079 'N
87 ° 59 . 774 'W — GPS006

¼¼ NE	¼ SE	Section	Township	Range	
or Gov't Lot #		22	07 N	21	[x] E [ ] W

Well Street Address: 6737 Milwaukee Ave

Well City, Village or Town	Well ZIP Code
Wauwatosa	53213-

Subdivision Name	Lot #

Reason For Removal From Service	WI Unique Well # of Replacement Well
Lithology described, samples collec	

2. Facility / Owner Information

Facility Name: One Hour Martinizing Wauwatosa
Facility ID (FID or PWS): 241287640
License/Permit/Monitoring #:
Original Well Owner: Brian Cass
Present Well Owner: Brian Cass
Mailing Address of Present Owner: 6736 Milwaukee Ave

City of Present Owner	State	ZIP Code
Wauwatosa	WI	53213-

3. Well / Drillhole / Borehole Information

[ ] Monitoring Well
[ ] Water Well
[x] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 11/18/2010
If a Well Construction Report is available, please attach.

Construction Type:
[ ] Drilled [x] Driven (Sandpoint) [ ] Dug
[ ] Other (specify):

Formation Type:
[x] Unconsolidated Formation [ ] Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)

Lower Drillhole Diameter (in.)	Casing Depth (ft.)

Was well annular space grouted? [ ] Yes [ ] No [ ] Unknown

If yes, to what depth (feet)?	Depth to Water (feet)

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	[ ] Yes	[ ] No	[x] N/A
Liner(s) removed?	[ ] Yes	[ ] No	[x] N/A
Screen removed?	[ ] Yes	[ ] No	[x] N/A
Casing left in place?	[ ] Yes	[ ] No	[x] N/A
Was casing cut off below surface?	[ ] Yes	[ ] No	[x] N/A
Did sealing material rise to surface?	[x] Yes	[ ] No	[ ] N/A
Did material settle after 24 hours?	[ ] Yes	[x] No	[ ] N/A
If yes, was hole retopped?	[ ] Yes	[ ] No	[x] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[x] Yes	[ ] No	[ ] N/A

Required Method of Placing Sealing Material
[ ] Conductor Pipe-Gravity [ ] Conductor Pipe-Pumped
[x] Screened & Poured (Bentonite Chips) [ ] Other (Explain):

Sealing Materials
[ ] Neat Cement Grout [ ] Clay-Sand Slurry (11 lb./gal. wt.)
[ ] Sand-Cement (Concrete) Grout [ ] Bentonite-Sand Slurry " "
[ ] Concrete [x] Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
[ ] Bentonite Chips [ ] Bentonite - Cement Grout
[ ] Granular Bentonite [ ] Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)		
Concrete Patch	Surface	0.25		
Bentonite Chips	0.25	32		

6. Comments

DP8

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Jonathon Jordan		11/18/2010

Street or Route	Telephone Number
N16W23390 Stone Ridge Dr	(317) 972-7870

City	State	ZIP Code
Waukesha	WI	53188-

Signature of Person Doing Work:
Date Signed:

DNR Use Only
Date Received:
Noted By:
Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

[X] Verification Only of Fill and Seal

Route to:
[ ] Drinking Water [ ] Watershed/Wastewater [X] Remediation/Redevelopment
[ ] Waste Management [ ] Other:

1. Well Location Information

County: WAUKESHA
WI Unique Well # of Removed Well:
Hicap #:
Latitude / Longitude (Degrees and Minutes): 43 ° 03 . 072 'N / 87 ° 59 . 777 'W
Method Code (see instructions): GPS006
¼ ¼ or Gov't Lot #: NE ¼ SE
Section: 22
Township: 07 N
Range: 21 [X] E [ ] W
Well Street Address: 6737 Milwaukee Ave
Well City, Village or Town: Wauwatosa
Well ZIP Code: 53213-
Subdivision Name:
Lot #:
Reason For Removal From Service: Lithology described, samples collec
WI Unique Well # of Replacement Well:

2. Facility / Owner Information

Facility Name: One Hour Martinizing Wauwatosa
Facility ID (FID or PWS): 241287640
License/Permit/Monitoring #:
Original Well Owner: Brian Cass
Present Well Owner: Brian Cass
Mailing Address of Present Owner: 6736 Milwaukee Ave
City of Present Owner: Wauwatosa
State: WI
ZIP Code: 53213-

3. Well / Drillhole / Borehole Information

[ ] Monitoring Well
[ ] Water Well
[X] Borehole / Drillhole
Original Construction Date (mm/dd/yyyy): 12/13/2010
If a Well Construction Report is available, please attach.

Construction Type:
[ ] Drilled [X] Driven (Sandpoint) [ ] Dug
[ ] Other (specify):

Formation Type:
[X] Unconsolidated Formation [ ] Bedrock

Total Well Depth From Ground Surface (ft.):
Casing Diameter (in.):
Lower Drillhole Diameter (in.):
Casing Depth (ft.):

Was well annular space grouted? [ ] Yes [ ] No [ ] Unknown
If yes, to what depth (feet)?
Depth to Water (feet):

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	[ ] Yes	[ ] No	[X] N/A
Liner(s) removed?	[ ] Yes	[ ] No	[X] N/A
Screen removed?	[ ] Yes	[ ] No	[X] N/A
Casing left in place?	[ ] Yes	[ ] No	[X] N/A
Was casing cut off below surface?	[ ] Yes	[ ] No	[X] N/A
Did sealing material rise to surface?	[X] Yes	[ ] No	[ ] N/A
Did material settle after 24 hours?	[ ] Yes	[X] No	[ ] N/A
If yes, was hole retopped?	[ ] Yes	[ ] No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	[ ] No	[ ] N/A

Required Method of Placing Sealing Material
[ ] Conductor Pipe-Gravity [ ] Conductor Pipe-Pumped
[X] Screened & Poured (Bentonite Chips) [ ] Other (Explain):

Sealing Materials
[ ] Neat Cement Grout [ ] Clay-Sand Slurry (11 lb./gal. wt.)
[ ] Sand-Cement (Concrete) Grout [ ] Bentonite-Sand Slurry " "
[ ] Concrete [X] Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
[ ] Bentonite Chips [ ] Bentonite - Cement Grout
[ ] Granular Bentonite [ ] Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)		
Concrete Patch	Surface	0.25		
Bentonite Chips	0.25	32		

6. Comments

DP-9

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing: Enviroforensics
License #:
Date of Filling & Sealing (mm/dd/yyyy): 12/13/2010
Street or Route: N16W23390 Stone Ridge Dr
Telephone Number: (317) 972-7870
City: Waukesha
State: WI
ZIP Code: 53188-
Signature of Person Doing Work:
Date Signed:

DNR Use Only
Date Received:
Noted By:
Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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[X] Verification Only of Fill and Seal

Route to:
[ ] Drinking Water [ ] Watershed/Wastewater [X] Remediation/Redevelopment
[ ] Waste Management [ ] Other:

1. Well Location Information

County: WAUKESHA
WI Unique Well # of Removed Well:
Hicap #:
Latitude / Longitude (Degrees and Minutes): 43 ° 03 . 072 'N / 87 ° 59 . 773 'W
Method Code (see instructions): GPS006
¼ ¼ NE ¼ SE
or Gov't Lot #:
Section: 22
Township: 07 N
Range: 21 [X] E [ ] W
Well Street Address: 6737 Milwaukee Ave
Well City, Village or Town: Wauwatosa
Well ZIP Code: 53213-
Subdivision Name:
Lot #:
Reason For Removal From Service: Lithology described, samples collec
WI Unique Well # of Replacement Well:

2. Facility / Owner Information

Facility Name: One Hour Martinizing Wauwatosa
Facility ID (FID or PWS): 241287640
License/Permit/Monitoring #:
Original Well Owner: Brian Cass
Present Well Owner: Brian Cass
Mailing Address of Present Owner: 6736 Milwaukee Ave
City of Present Owner: Wauwatosa
State: WI
ZIP Code: 53213-

3. Well / Drillhole / Borehole Information

[ ] Monitoring Well
[ ] Water Well
[X] Borehole / Drillhole
Original Construction Date (mm/dd/yyyy): 12/13/2010
If a Well Construction Report is available, please attach.

Construction Type:
[ ] Drilled [X] Driven (Sandpoint) [ ] Dug
[ ] Other (specify):

Formation Type:
[X] Unconsolidated Formation [ ] Bedrock

Total Well Depth From Ground Surface (ft.):
Casing Diameter (in.):
Lower Drillhole Diameter (in.):
Casing Depth (ft.):

Was well annular space grouted? [ ] Yes [ ] No [ ] Unknown
If yes, to what depth (feet)?
Depth to Water (feet):

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	[ ] Yes	[ ] No	[X] N/A
Liner(s) removed?	[ ] Yes	[ ] No	[X] N/A
Screen removed?	[ ] Yes	[ ] No	[X] N/A
Casing left in place?	[ ] Yes	[ ] No	[X] N/A
Was casing cut off below surface?	[ ] Yes	[ ] No	[X] N/A
Did sealing material rise to surface?	[X] Yes	[ ] No	[ ] N/A
Did material settle after 24 hours?	[ ] Yes	[X] No	[ ] N/A
If yes, was hole retopped?	[ ] Yes	[ ] No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	[ ] No	[ ] N/A

Required Method of Placing Sealing Material
[ ] Conductor Pipe-Gravity [ ] Conductor Pipe-Pumped
[X] Screened & Poured (Bentonite Chips) [ ] Other (Explain):

Sealing Materials
[ ] Neat Cement Grout [ ] Clay-Sand Slurry (11 lb./gal. wt.)
[ ] Sand-Cement (Concrete) Grout [ ] Bentonite-Sand Slurry " "
[ ] Concrete [X] Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
[ ] Bentonite Chips [ ] Bentonite - Cement Grout
[ ] Granular Bentonite [ ] Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

From (ft.)	To (ft.)		
Surface	0.25	Asphalt Patch	
0.25	32	Bentonite Chips	

6. Comments

DP-10 / SG-3

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing: Enviroforensics
License #:
Date of Filling & Sealing (mm/dd/yyyy): 12/13/2010
Street or Route: N16W23390 Stone Ridge Dr
Telephone Number: (317) 972-7870
City: Waukesha
State: WI
ZIP Code: 53188-
Signature of Person Doing Work:
Date Signed:

DNR Use Only
Date Received:
Noted By:
Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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[X] Verification Only of Fill and Seal

Route to:
[ ] Drinking Water [ ] Watershed/Wastewater [X] Remediation/Redevelopment
[ ] Waste Management [ ] Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
WAUKESHA		

Latitude / Longitude (Degrees and Minutes): 43 · 03 . 065 'N / 87 · 59 . 780 'W
Method Code (see instructions): GPS006

¼ ¼ NE ¼ SE | Section 22 | Township 07 N | Range 21 [X] E [ ] W
or Gov't Lot #

Well Street Address: 6737 Milwaukee Ave

Well City, Village or Town	Well ZIP Code
Wauwatosa	53213-

Subdivision Name	Lot #

Reason For Removal From Service: Lithology described, samples collec
WI Unique Well # of Replacement Well:

2. Facility / Owner Information

Facility Name: One Hour Martinizing Wauwatosa
Facility ID (FID or PWS): 241287640
License/Permit/Monitoring #:
Original Well Owner: Brian Cass
Present Well Owner: Brian Cass
Mailing Address of Present Owner: 6736 Milwaukee Ave

City of Present Owner	State	ZIP Code
Wauwatosa	WI	53213-

3. Well / Drillhole / Borehole Information

[ ] Monitoring Well
[ ] Water Well
[X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 11/18/2010
If a Well Construction Report is available, please attach.

Construction Type:
[ ] Drilled [X] Driven (Sandpoint) [ ] Dug
[ ] Other (specify):

Formation Type:
[X] Unconsolidated Formation [ ] Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)

Lower Drillhole Diameter (in.)	Casing Depth (ft.)

Was well annular space grouted? [ ] Yes [ ] No [ ] Unknown

If yes, to what depth (feet)?	Depth to Water (feet)

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	[ ] Yes	[ ] No	[X] N/A
Liner(s) removed?	[ ] Yes	[ ] No	[X] N/A
Screen removed?	[ ] Yes	[ ] No	[X] N/A
Casing left in place?	[ ] Yes	[ ] No	[X] N/A
Was casing cut off below surface?	[ ] Yes	[ ] No	[X] N/A
Did sealing material rise to surface?	[X] Yes	[ ] No	[ ] N/A
Did material settle after 24 hours?	[ ] Yes	[X] No	[ ] N/A
If yes, was hole retopped?	[ ] Yes	[ ] No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	[ ] No	[ ] N/A

Required Method of Placing Sealing Material
[ ] Conductor Pipe-Gravity [ ] Conductor Pipe-Pumped
[X] Screened & Poured (Bentonite Chips) [ ] Other (Explain):

Sealing Materials
[ ] Neat Cement Grout [ ] Clay-Sand Slurry (11 lb./gal. wt.)
[ ] Sand-Cement (Concrete) Grout [ ] Bentonite-Sand Slurry " "
[ ] Concrete [X] Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
[ ] Bentonite Chips [ ] Bentonite - Cement Grout
[ ] Granular Bentonite [ ] Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)		
Asphalt Patch	Surface	0.25		
Bentonite Chips	0.25	32		

6. Comments

DPW

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Environetics		11/18/2010

Street or Route	Telephone Number
N16W23390 Stone Ridge Dr	(317) 972-7870

City	State	ZIP Code
Waukesha	WI	53188-

Signature of Person Doing Work:
Date Signed:

DNR Use Only
Date Received:
Noted By:
Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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[x] Verification Only of Fill and Seal

Route to:
[ ] Drinking Water [ ] Watershed/Wastewater [x] Remediation/Redevelopment
[ ] Waste Management [ ] Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
WAUKESHA		

Latitude / Longitude (Degrees and Minutes) and Method Code (see instructions):
43 · 03 · 41 · N
87 · 59 · 45 · W
Method Code: GPS Door

¼ ¼	¼	Section	Township	Range	
NE	SE	22	07 N	21	[x] E [ ] W

or Gov't Lot #

Well Street Address: 6737 Milwaukee Ave

Well City, Village or Town	Well ZIP Code
Wauwatosa	53213-

Subdivision Name	Lot #

Reason For Removal From Service	WI Unique Well # of Replacement Well
Lithology described, samples collec	

3. Well / Drillhole / Borehole Information

[ ] Monitoring Well
[ ] Water Well
[x] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy):

If a Well Construction Report is available, please attach.

Construction Type:
[ ] Drilled [x] Driven (Sandpoint) [ ] Dug
[ ] Other (specify):

Formation Type:
[x] Unconsolidated Formation [ ] Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)

Lower Drillhole Diameter (in.)	Casing Depth (ft.)

Was well annular space grouted? [ ] Yes [ ] No [ ] Unknown

If yes, to what depth (feet)?	Depth to Water (feet)

2. Facility / Owner Information

Facility Name: One Hour Martinizing Wauwatosa

Facility ID (FID or PWS): 241287640

License/Permit/Monitoring #:

Original Well Owner: Brian Cass

Present Well Owner: Brian Cass

Mailing Address of Present Owner: 6736 Milwaukee Ave

City of Present Owner	State	ZIP Code
Wauwatosa	WI	53213-

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	[ ] Yes	[ ] No	[x] N/A
Liner(s) removed?	[ ] Yes	[ ] No	[x] N/A
Screen removed?	[ ] Yes	[ ] No	[x] N/A
Casing left in place?	[ ] Yes	[ ] No	[x] N/A
Was casing cut off below surface?	[ ] Yes	[ ] No	[x] N/A
Did sealing material rise to surface?	[x] Yes	[ ] No	[ ] N/A
Did material settle after 24 hours?	[ ] Yes	[x] No	[ ] N/A
If yes, was hole retopped?	[ ] Yes	[ ] No	[x] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[x] Yes	[ ] No	[ ] N/A

Required Method of Placing Sealing Material
[ ] Conductor Pipe-Gravity [ ] Conductor Pipe-Pumped
[x] Screened & Poured (Bentonite Chips) [ ] Other (Explain):

Sealing Materials
[ ] Neat Cement Grout [ ] Clay-Sand Slurry (11 lb./gal. wt.)
[ ] Sand-Cement (Concrete) Grout [ ] Bentonite-Sand Slurry " "
[ ] Concrete [x] Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
[ ] Bentonite Chips [ ] Bentonite - Cement Grout
[ ] Granular Bentonite [ ] Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)		
~~Asphalt Patch~~ Concrete	Surface	1		
Bentonite	1	35		

6. Comments

DP-12

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Jonathon Jordan		10/23/2012

Street or Route	Telephone Number
N16W23390 Stone Ridge Dr	( )

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Waukesha	WI	53188-		3/20/2014

DNR Use Only

Date Received	Noted By

Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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[X] Verification Only of Fill and Seal

Route to: [ ] Drinking Water [ ] Watershed/Wastewater [X] Remediation/Redevelopment [ ] Waste Management [ ] Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
WAUKESHA		

Latitude / Longitude (Degrees and Minutes): 43 · 03 . 068 · N / 87 · 59 . 776 · W

Method Code (see instructions): GPS006

¼ ¼ NE ¼ SE | Section 22 | Township 07 N | Range 21 [X] E [ ] W

or Gov't Lot #

Well Street Address: 6737 Milwaukee Ave

Well City, Village or Town: Wauwatosa

Well ZIP Code: 53213-

Subdivision Name:

Lot #:

Reason For Removal From Service: Lithology described, samples collec

WI Unique Well # of Replacement Well:

2. Facility / Owner Information

Facility Name: One Hour Martinizing Wauwatosa

Facility ID (FID or PWS): 241287640

License/Permit/Monitoring #:

Original Well Owner: Brian Cass

Present Well Owner: Brian Cass

Mailing Address of Present Owner: 6736 Milwaukee Ave

City of Present Owner: Wauwatosa | State: WI | ZIP Code: 53213-

3. Well / Drillhole / Borehole Information

[ ] Monitoring Well
[ ] Water Well
[X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy):

If a Well Construction Report is available, please attach.

Construction Type:
[ ] Drilled [X] Driven (Sandpoint) [ ] Dug
[ ] Other (specify):

Formation Type:
[X] Unconsolidated Formation [ ] Bedrock

Total Well Depth From Ground Surface (ft.):

Casing Diameter (in.):

Lower Drillhole Diameter (in.):

Casing Depth (ft.):

Was well annular space grouted? [ ] Yes [ ] No [ ] Unknown

If yes, to what depth (feet)?

Depth to Water (feet):

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	[ ] Yes	[ ] No	[X] N/A
Liner(s) removed?	[ ] Yes	[ ] No	[X] N/A
Screen removed?	[ ] Yes	[ ] No	[X] N/A
Casing left in place?	[ ] Yes	[ ] No	[X] N/A
Was casing cut off below surface?	[ ] Yes	[ ] No	[X] N/A
Did sealing material rise to surface?	[X] Yes	[ ] No	[ ] N/A
Did material settle after 24 hours?	[ ] Yes	[X] No	[ ] N/A
If yes, was hole retopped?	[ ] Yes	[ ] No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	[ ] No	[ ] N/A

Required Method of Placing Sealing Material
[ ] Conductor Pipe-Gravity [ ] Conductor Pipe-Pumped
[X] Screened & Poured (Bentonite Chips) [ ] Other (Explain):

Sealing Materials
[ ] Neat Cement Grout [ ] Clay-Sand Slurry (11 lb./gal. wt.)
[ ] Sand-Cement (Concrete) Grout [ ] Bentonite-Sand Slurry " "
[ ] Concrete [X] Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
[ ] Bentonite Chips [ ] Bentonite - Cement Grout
[ ] Granular Bentonite [ ] Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)		
Concrete Patch	Surface	0.5		
Bentonite	0.5	35		

6. Comments

DP-13

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Jonathon Jordan		10/23/2012

Street or Route: N16W23390 Stone Ridge Dr

Telephone Number: (317) 972-7870

City: Waukesha | State: WI | ZIP Code: 53188-

Signature of Person Doing Work:

Date Signed: 3/26/2014

DNR Use Only

Date Received:

Noted By:

Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08) Page 1 of 2

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

[X] Verification Only of Fill and Seal

Route to:
[ ] Drinking Water [ ] Watershed/Wastewater [X] Remediation/Redevelopment
[ ] Waste Management [ ] Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
WAUKESHA		

Latitude / Longitude (Degrees and Minutes) and Method Code (see instructions):
43 · 3 45 ·N
087 · 59 46 ·W
GPS 00

¼ ¼	¼	Section	Township	Range	
NE	SE	22	07 N	21	[X] E [ ] W

or Gov't Lot #

Well Street Address: 6737 Milwaukee Ave

Well City, Village or Town	Well ZIP Code
Wauwatosa	53213-

Subdivision Name	Lot #

Reason For Removal From Service	WI Unique Well # of Replacement Well
Lithology described, samples collec	

3. Well / Drillhole / Borehole Information

[ ] Monitoring Well
[ ] Water Well
[X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy):

If a Well Construction Report is available, please attach.

Construction Type:
[ ] Drilled [X] Driven (Sandpoint) [ ] Dug
[ ] Other (specify):

Formation Type:
[X] Unconsolidated Formation [ ] Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)

Lower Drillhole Diameter (in.)	Casing Depth (ft.)

Was well annular space grouted? [ ] Yes [ ] No [ ] Unknown

If yes, to what depth (feet)?	Depth to Water (feet)

2. Facility / Owner Information

Facility Name: One Hour Martinizing Wauwatosa

Facility ID (FID or PWS): 241287640

License/Permit/Monitoring #:

Original Well Owner: Brian Cass

Present Well Owner: Brian Cass

Mailing Address of Present Owner: 6736 Milwaukee Ave

City of Present Owner	State	ZIP Code
Wauwatosa	WI	53213-

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	[ ] Yes	[ ] No	[X] N/A
Liner(s) removed?	[ ] Yes	[ ] No	[X] N/A
Screen removed?	[ ] Yes	[ ] No	[X] N/A
Casing left in place?	[ ] Yes	[ ] No	[X] N/A
Was casing cut off below surface?	[ ] Yes	[ ] No	[X] N/A
Did sealing material rise to surface?	[X] Yes	[ ] No	[ ] N/A
Did material settle after 24 hours?	[ ] Yes	[X] No	[ ] N/A
If yes, was hole retopped?	[ ] Yes	[ ] No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	[ ] No	[ ] N/A

Required Method of Placing Sealing Material
[ ] Conductor Pipe-Gravity [ ] Conductor Pipe-Pumped
[X] Screened & Poured (Bentonite Chips) [ ] Other (Explain):

Sealing Materials
[ ] Neat Cement Grout [ ] Clay-Sand Slurry (11 lb./gal. wt.)
[ ] Sand-Cement (Concrete) Grout [ ] Bentonite-Sand Slurry " "
[ ] Concrete [X] Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
[ ] Bentonite Chips [ ] Bentonite - Cement Grout
[ ] Granular Bentonite [ ] Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

From (ft.)	To (ft.)		
Surface	0.25	Asphalt Patch	
0.25	52	Bentonite	

6. Comments

DP-14

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Jonathon Jordan		10/23/2012

Street or Route	Telephone Number
N16W23390 Stone Ridge Dr	( )

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Waukesha	WI	53188-		3/20/2014

DNR Use Only

Date Received	Noted By

Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

[x] Verification Only of Fill and Seal

Route to:
[ ] Drinking Water [ ] Watershed/Wastewater [x] Remediation/Redevelopment
[ ] Waste Management [ ] Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
WAUKESHA		

Latitude / Longitude (Degrees and Minutes) | Method Code (see instructions)
43 . 3 4 5 N
87 . 5 9 4 6 8 W | GPS 0.5

¼ ¼	¼	Section	Township	Range
NE	SE	22	07 N	21 [x] E [ ] W

or Gov't Lot #

Well Street Address: 6737 Milwaukee Ave

Well City, Village or Town	Well ZIP Code
Wauwatosa	53213-

Subdivision Name	Lot #

Reason For Removal From Service	WI Unique Well # of Replacement Well
Lithology described, samples collec	

3. Well / Drillhole / Borehole Information

[ ] Monitoring Well
[ ] Water Well
[x] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy):

If a Well Construction Report is available, please attach.

Construction Type:
[ ] Drilled [x] Driven (Sandpoint) [ ] Dug
[ ] Other (specify):

Formation Type:
[x] Unconsolidated Formation [ ] Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)

Lower Drillhole Diameter (in.)	Casing Depth (ft.)

Was well annular space grouted? [ ] Yes [ ] No [ ] Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	57

2. Facility / Owner Information

Facility Name: One Hour Martinizing Wauwatosa

Facility ID (FID or PWS): 241287640

License/Permit/Monitoring #:

Original Well Owner: Brian Cass

Present Well Owner: Brian Cass

Mailing Address of Present Owner: 6736 Milwaukee Ave

City of Present Owner	State	ZIP Code
Wauwatosa	WI	53213-

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	[ ] Yes	[ ] No	[x] N/A
Liner(s) removed?	[ ] Yes	[ ] No	[x] N/A
Screen removed?	[ ] Yes	[ ] No	[x] N/A
Casing left in place?	[ ] Yes	[ ] No	[x] N/A
Was casing cut off below surface?	[ ] Yes	[ ] No	[x] N/A
Did sealing material rise to surface?	[x] Yes	[ ] No	[ ] N/A
Did material settle after 24 hours?	[ ] Yes	[x] No	[ ] N/A
If yes, was hole retopped?	[ ] Yes	[ ] No	[x] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[x] Yes	[ ] No	[ ] N/A

Required Method of Placing Sealing Material
[ ] Conductor Pipe-Gravity [ ] Conductor Pipe-Pumped
[x] Screened & Poured (Bentonite Chips) [ ] Other (Explain):

Sealing Materials
[ ] Neat Cement Grout [ ] Clay-Sand Slurry (11 lb./gal. wt.)
[ ] Sand-Cement (Concrete) Grout [ ] Bentonite-Sand Slurry " "
[ ] Concrete [x] Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
[ ] Bentonite Chips [ ] Bentonite - Cement Grout
[ ] Granular Bentonite [ ] Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)		
Asphalt Patch	Surface	0.25		
Bentonite	0.25	~~54.5~~ 58		

6. Comments

DP-15

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Jonathon Jordan		3/7/2013

Street or Route	Telephone Number
N16W23390 Stone Ridge Dr	(817) 400-5613

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Waukesha	WI	53188-		3/20/2014

DNR Use Only

Date Received	Noted By

Comments:

Appendix C

Waste Manifests

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	WICESQG	1	414-236-1083	100705

GENERATOR

5. Generator's Name and Mailing Address
One Hour Martinizing
6737 West Milwaukee Avenue
Wauwatosa WI 53213
Generator's Phone: 414 588-9847

Att: Brian Cass

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Badger Disposal of WI., Inc.

U.S. EPA ID Number
WID988580056

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Badger Disposal of WI, Inc.
5611 West Hemlock Street
Milwaukee WI 53223
Facility's Phone: 414 760-9175

U.S. EPA ID Number
WID988580056

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non-regulated material	1	DM	55	G	NONE
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
1)WS033957 Soil Emergency Contact Badger Disposal 414-236-1083

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Brian Koppen - Agent for OHM
Signature:
Month: 10 Day: 17 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: M. Lee Mansfield
Signature:
Month: 10 Day: 17 Year: 13

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Sarah Webster
Signature:
Month: 10 Day: 18 Year: 13

6-NHM-C-C-11

4 DESIGNATED FACILITY TO DESTINATION

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
WI D 9 8 1 1 0 7 4 6 0	1	(906) 424-9393	012818

GENERATOR

5. Generator's Name and Mailing Address
Attn: Brian Cass
One Hour Mechanizing
5737 West Milwaukee Avenue
Wauwatosa WI 53213
Generator's Phone: 866-8647

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Badger Disposal of WI, Inc.

U.S. EPA ID Number
WID 0 8 8 5 0 0 5 5 6

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Badger Disposal of WI, Inc.
5611 West Hemlock Street
Milwaukee WI 53223
Facility's Phone: 414-760-9175

U.S. EPA ID Number
WID 0 8 8 5 0 0 5 5 6

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non-regulated material	11	DM	605	G	NONE
	2. Non-regulated material	4	DM	220	G	NONE
	3.					
	4.					

13. Special Handling Instructions and Additional Information
1)WS033967 Soil 2)(L) WS039100 Purge Water Emergency Contact CHEMTREC #CCN708044

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name | Signature | Month 1 | Day 26 | Year 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month 1 | Day 26 | Year 12

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

6-NHM-C-C-11

6-GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	W I D 9 8 1 1 9 7 4 6 0	1	800-424-9300	0 4 2 3 1 7

GENERATOR

5. Generator's Name and Mailing Address
One Hour Martinizing
6737 West Milwaukee Avenue
Wauwatosa WI 53213
Generator's Phone: 414 588-9847

Att: Brian Cass

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Badger Disposal of WI., Inc.

U.S. EPA ID Number
W I D 9 8 8 5 8 0 0 5 6

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Badger Disposal of WI, Inc.
5611 West Hemlock Street
Milwaukee WI 53223
Facility's Phone: 414 760-9175

U.S. EPA ID Number
W I D 9 8 8 5 8 0 0 5 6

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non-regulated material	1	DM	55	G	NONE
	2. Non-regulated material	1	DM	55	G	NONE
	3.					
	4.					

13. Special Handling Instructions and Additional Information
1)(L) WS039100 Purge Water 2)WS033957 Soil Emergency Contact: CHEMTREC #CCN708044

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Brian Kappen, Agent for DHM
Signature:
Month: 4 Day: 23 Year: 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Mike Anderson
Signature:
Month: 4 Day: 23 Year: 15

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Sarah Webster
Signature: Sarah Webster
Month: 4 Day: 23 Year: 15

6-NHM-C-C-11

2-DESIGNATED FACILITY TO GENERATOR

Appendix D

Well Construction and Development Forms

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: OHM Wauwatosa	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW- 1
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location [X] Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID: 241287640	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 11/13/2015 (m m d d y y y y)
Type of Well: Well Code 11 / mw	Section Location of Waste/Source: NW 1/4 of SE 1/4 of Sec, ____, T. 7 N, R. 21 [X] E ☐ W	Well Installed By: Name (first, last) and Firm: Badger State Drilling
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number: _____

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM [X] GC ☐ GW ☐ SW [X] SP ☐
SM [X] SC ☐ ML [X] MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes [X] No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger [X] 41
Other ☐ _____

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None [X] 99

16. Drilling additives used? ☐ Yes [X] No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or 47 ft.

F. Fine sand, top _____ ft. MSL or 47 ft.

G. Filter pack, top _____ ft. MSL or 49 ft.

H. Screen joint, top _____ ft. MSL or 51 ft.

I. Well bottom _____ ft. MSL or 61 ft.

J. Filter pack, bottom _____ ft. MSL or 61 ft.

K. Borehole, bottom _____ ft. MSL or 61 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 2.3 in.

N. I.D. well casing 2 in.

1. Cap and lock? [X] Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 12 ft.
c. Material: Steel [X] 04
_____ Other ☐
d. Additional protection? ☐ Yes [X] No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30
Concrete [X] 01
_____ Other ☐

4. Material between well casing and protective pipe:
Bentonite [X] 30
_____ Other ☐

5. Annular space seal: a. Granular/Chipped Bentonite ☐ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. 14.26 Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity [X] 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. [X]3/8 in. ☐1/2 in. Bentonite chips [X] 32
c. _____ Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added 0.62 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. _____
b. Volume added 3.7 ft^3

9. Well casing: Flush threaded PVC schedule 40 [X] 23
Flush threaded PVC schedule 80 ☐ 24
_____ Other ☐

10. Screen material: _____
a. Screen type: Factory cut [X] 11
Continuous slot ☐ 01
_____ Other ☐
b. Manufacturer _____
c. Slot size: 0.01 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None [X] 14
_____ Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: _____ Firm: EnviroForensics

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

Facility/Project Name	County Name	Well Name
OHM Wauwatosa	MILWAUKEE	MW- 1

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
2412876	41	_____	___

1. Can this well be purged dry? ☐ Yes X No

2. Well development method

surged with bailer and bailed	☐	41
surged with bailer and pumped	☐	61
surged with block and bailed	X	42
surged with block and pumped	☐	62
surged with block, bailed and pumped	☐	70
compressed air	☐	20
bailed only	☐	10
pumped only	☐	51
pumped slowly	☐	50
Other _____	☐	

3. Time spent developing well 75 min.

4. Depth of well (from top of well casisng) 60.01 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 7.05 gal.

7. Volume of water removed from well 60 gal.

8. Volume of water added (if any) 0 gal.

9. Source of water added _____

10. Analysis performed on water added? (If yes, attach results) ☐ Yes X No

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 52.16 ft.	57.13 ft.
Date	b. 01 / 14 / 2015 (m m d d y y y y)	01 / 14 / 2015 (m m d d y y y y)
Time	c. 12 : 30 ☐ a.m. ☒ p.m.	13 : 45 ☐ a.m. ☒ p.m.
12. Sediment in well bottom	4 inches	0 inches
13. Water clarity	Clear ☐ 10 Turbid X 15 (Describe)	Clear X 20 Turbid ☐ 25 (Describe)

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Kyle Last Name: Heimstead
Firm: EnviroForensics

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Brian Last Name: Cass
Facility/Firm: OHM Wauwatosa
Street: 6737 Milwaukee Ave
City/State/Zip: Wauwatosa WI 53213

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Kyle Heimstead
Print Name: Kyle Heimstead
Firm: EnviroForensics

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: OHM Wauwatosa	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW- 2
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location [X]; Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID: 241287640	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 1/14/2015 (m m d d y y y y)
Type of Well: Well Code 11 / mw	Section Location of Waste/Source: NW 1/4 of SE 1/4 of Sec. ____, T. 7 N, R. 21 [X] E ☐ W	Well Installed By: Name (first, last) and Firm: Badger State Drilling
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation _____ ft. MSL
C. Land surface elevation _____ ft. MSL
D. Surface seal, bottom _____ ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM [X] GC ☐ GW ☐ SW [X] SP ☐
SM [X] SC ☐ ML [X] MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes [X] No

14. Drilling method used: Rotary ☐ 50; Hollow Stem Auger [X] 41; Other ☐ _____

15. Drilling fluid used: Water ☐ 02; Air ☐ 01; Drilling Mud ☐ 03; None [X] 99

16. Drilling additives used? ☐ Yes [X] No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or 46 ft.
F. Fine sand, top _____ ft. MSL or 46 ft.
G. Filter pack, top _____ ft. MSL or 48 ft.
H. Screen joint, top _____ ft. MSL or 50 ft.
I. Well bottom _____ ft. MSL or 60 ft.
J. Filter pack, bottom _____ ft. MSL or 60 ft.
K. Borehole, bottom _____ ft. MSL or 60 ft.
L. Borehole, diameter 8 in.
M. O.D. well casing 2.3 in.
N. I.D. well casing 2 in.

1. Cap and lock? [X] Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 12 ft.
c. Material: Steel [X] 04; Other ☐ _____
d. Additional protection? ☐ Yes [X] No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30; Concrete [X] 01; Other ☐ _____
4. Material between well casing and protective pipe: Bentonite [X] 30; Other ☐ _____
5. Annular space seal: a. Granular/Chipped Bentonite ☐ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. 13.95 Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01; Tremie pumped ☐ 02; Gravity [X] 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. [X]3/8 in. ☐1/2 in. Bentonite chips [X] 32
c. _____ Other ☐ _____
7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added 0.62 Ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. _____
b. Volume added 3.7 Ft^3
9. Well casing: Flush threaded PVC schedule 40 [X] 23; Flush threaded PVC schedule 80 ☐ 24; Other ☐ _____
10. Screen material: _____
a. Screen type: Factory cut [X] 11; Continuous slot ☐ 01; Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.01 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None [X] 14; Other ☐ _____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____ Firm: EnviroForensics

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

Facility/Project Name	County Name	Well Name
OHM Wauwatosa	MILWAUKEE	MW- 2

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
2412876	41	_____	_____

1. Can this well be purged dry? ☐ Yes [X] No

2. Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	[X] 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 60 min.

4. Depth of well (from top of well casisng) 59.92 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 8.21 gal.

7. Volume of water removed from well 50 gal.

8. Volume of water added (if any) 0 gal.

9. Source of water added _____

10. Analysis performed on water added? (If yes, attach results) ☐ Yes X No

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 57.28 ft.	57.13 ft.
Date	b. 01 / 15 / 2015 (m m d d y y y y)	01 / 15 / 2015 (m m d d y y y y)
Time	c. 07:40 ☒ a.m. ☐ p.m.	08:40 ☒ a.m. ☐ p.m.
12. Sediment in well bottom	6 inches	0 inches
13. Water clarity	Clear ☐ 10 Turbid [X] 15 (Describe)	Clear [X] 20 Turbid ☐ 25 (Describe)

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Kyle Last Name: Heimstead
Firm: EnviroForensics

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Brian Last Name: Lass
Facility/Firm: OHM Wauwatosa
Street: 6737 Milwaukee Ave
City/State/Zip: Wauwatosa WI 53213

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: [signature]
Print Name: Kyle Heimstead
Firm: EnviroForensics

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: OHM Wauwatosa	Local Grid Location of Well: _____ ft. ☐ N. ☐ S. _____ ft. ☐ E. ☐ W.	Well Name: MW-3
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location [X] Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID: 241287640	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 11/14/2015 (m m d d y y y y)
Type of Well: Well Code 11 / mw	Section Location of Waste/Source: NW 1/4 of SE 1/4 of Sec. ____, T. 7 N, R. 21 [X] E ☐ W	Well Installed By: Name (first, last) and Firm: Badger State Drilling
Distance from Waste/Source _____ ft.	Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known
		Gov. Lot Number: _____

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation _____ ft. MSL
C. Land surface elevation _____ ft. MSL
D. Surface seal, bottom _____ ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM [X] GC ☐ GW ☐ SW [X] SP ☐
SM [X] SC ☐ ML [X] MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes [X] No

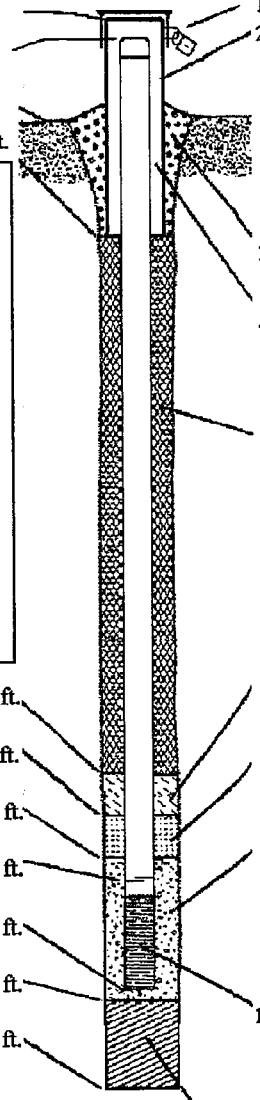
14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger [X] 41
Other ☐ _____

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None [X] 99

16. Drilling additives used? ☐ Yes [X] No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or 46 ft.
F. Fine sand, top _____ ft. MSL or 46 ft.
G. Filter pack, top _____ ft. MSL or 48 ft.
H. Screen joint, top _____ ft. MSL or 50 ft.
I. Well bottom _____ ft. MSL or 60 ft.
J. Filter pack, bottom _____ ft. MSL or 60 ft.
K. Borehole, bottom _____ ft. MSL or 60 ft.
L. Borehole, diameter 8 in.
M. O.D. well casing 2.3 in.
N. I.D. well casing 2 in.



1. Cap and lock? [X] Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 12 ft.
c. Material: Steel [X] 04
Other ☐ _____
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30
Concrete [X] 01
Other ☐ _____
4. Material between well casing and protective pipe:
Bentonite [X] 30
Other ☐ _____
5. Annular space seal: a. Granular/Chipped Bentonite ☐ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. 13.95 Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. [X] 3/8 in. ☐ 1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐ _____
7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added 0.62 Ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. _____
b. Volume added 3.7 Ft^3
9. Well casing: Flush threaded PVC schedule 40 [X] 23
Flush threaded PVC schedule 80 ☐ 24
Other ☐ _____
10. Screen material: _____
a. Screen type: Factory cut ☒ 11
Continuous slot ☐ 01
Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.01 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None [X] 14
Other ☐ _____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: _____ Firm: EnviroForensics

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

Facility/Project Name	County Name	Well Name
OHM Wauwatosa	MILWAUKEE	MW-3

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
2412876	41	_____	_____

1. Can this well be purged dry? ☐ Yes [X] No

2. Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	[X] 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐ __

3. Time spent developing well 65 min.

4. Depth of well (from top of well casisng) 59.08 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 7.1 gal.

7. Volume of water removed from well 50 gal.

8. Volume of water added (if any) 0 gal.

9. Source of water added _____

10. Analysis performed on water added? ☐ Yes X No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 57.10 ft.	57.24 ft.
Date	b. 01 / 15 / 2015 (m m d d y y y y)	01 / 15 / 015 (m m d d y y y y)
Time	c. 09 : 00 [X] a.m. ☐ p.m.	10 : 05 [X] a.m. ☐ p.m.
12. Sediment in well bottom	5 inches	0 inches
13. Water clarity	Clear ☐ 10 Turbid [X] 15 (Describe)	Clear [X] 20 Turbid ☐ 25 (Describe)
14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: Kyle Last Name: Heimstead
Firm: EnviroForensics

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Brian Last Name: Cass
Facility/Firm: OHM Wauwatosa
Street: 6737 Milwaukee Ave
City/State/Zip: Wauwatosa WI 53213

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Kyle Heimstead
Print Name: Kyle Heimstead
Firm: EnviroForensics

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name OHM Wauwatosa	Local Grid Location of Well ☐ N. _____ ft. ☐ S. _____ ft. ☐ E. ☐ W.	Well Name MW- 4
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location [X] Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID 241287640	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed 11/15/2015 (m m d d y y y y)
Type of Well Well Code 11 / mw	Section Location of Waste/Source NW 1/4 of SE 1/4 of Sec. ____, T. 7 N, R. 21 [X] E ☐ W	Well Installed By: Name (first, last) and Firm Badger State Drilling
Distance from Waste/ Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM [X] GC ☐ GW ☐ SW [X] SP ☐
SM [X] SC ☐ ML [X] MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes [X] No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger [X] 41
Other ☐ _____

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None [X] 99

16. Drilling additives used? ☐ Yes [X] No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or 43 ft.

F. Fine sand, top _____ ft. MSL or 43 ft.

G. Filter pack, top _____ ft. MSL or 45 ft.

H. Screen joint, top _____ ft. MSL or 47 ft.

I. Well bottom _____ ft. MSL or 57 ft.

J. Filter pack, bottom _____ ft. MSL or 57 ft.

K. Borehole, bottom _____ ft. MSL or 57 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 2.3 in.

N. I.D. well casing 2 in.

1. Cap and lock? [X] Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 12 ft.
c. Material: Steel [X] 04
_____ Other ☐ _____
d. Additional protection? ☐ Yes [X] No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30
Concrete [X] 01
_____ Other ☐ _____

4. Material between well casing and protective pipe:
Bentonite [X] 30
_____ Other ☐ _____

5. Annular space seal: a. Granular/Chipped Bentonite ☐ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. 13.02 Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity [X] 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. [X] 3/8 in. ☐ 1/2 in. Bentonite chips [X] 32
c. _____ Other ☐ _____

7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added 0.62 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. _____
b. Volume added 3.7 ft^3

9. Well casing: Flush threaded PVC schedule 40 [X] 23
Flush threaded PVC schedule 80 ☐ 24
_____ Other ☐ _____

10. Screen material: _____
a. Screen type: Factory cut [X] 11
Continuous slot ☐ 01
_____ Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.01 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None [X] 14
_____ Other ☐ _____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
Kyle Hintz	EnviroForensics

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

Facility/Project Name	County Name	Well Name
OHM Wauwatosa	MILWAUKEE	MW- 4

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
2412876	41	_ _ _ _ _ _ _	_ _ _

1. Can this well be purged dry? ☐ Yes [X] No

2. Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	[X] 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐ __

3. Time spent developing well 60 min.

4. Depth of well (from top of well casisng) 57.40 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 8.0 gal.

7. Volume of water removed from well 50 gal.

8. Volume of water added (if any) 0 gal.

9. Source of water added _____

10. Analysis performed on water added? ☐ Yes X No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 48.02 ft.	53.10 ft.
Date	b. 01 / 15 / 2015 (m m d d y y y y)	1/ / 15 / 015 (m m d d y y y y)
Time	c. 11:30 [X] a.m. ☐ p.m.	12:30 ☐ a.m. [X] p.m.
12. Sediment in well bottom	4 inches	0 inches
13. Water clarity	Clear ☐ 10 Turbid [X] 15 (Describe)	Clear [X] 20 Turbid ☐ 25 (Describe)

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	_ _ _ _ _ mg/l	_ _ _ _ _ mg/l
15. COD	_ _ _ _ _ mg/l	_ _ _ _ _ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Kyle Last Name: Heimstead
Firm: EnviroForensics

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Brian Last Name: Cass
Facility/Firm: OHM Wauwatosa
Street: 6737 Milwaukee Ave
City/State/Zip: Wauwatosa WI 53213

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Kyle Heimstead
Print Name: Kyle Heimstead
Firm: EnviroForensics

NOTE: See instructions for more information including a list of county codes and well type codes.

Appendix E

Groundwater Sampling Forms

ENVIRO forensics

GROUNDWATER SAMPLING FORM

602 N. Capital Ave
Indianapolis, IN 46204
T: 317-972-7870 F: 317-972-7875

PROJECT NAME: OHM-Wauwatosa
Well/Surface Station I.D.: MW- 1
LOCATION/ADDRESS: 6737 W. Milwaukee Ave, Wauwatosa, WI
Sample Designation: 6140-MW- 1
PROJECT NO.: 6140
CLIENT/CONTACT: Brian Cass
Personnel: K. Heimstead

WATER LEVEL MEASUREMENTS DURING GAUGING:

Well Depth 61.96 feet
Depth to Water 52.35 feet
Well Diameter 2 inches
Casing Volume 1.5 gallons
Volume Removed 2.1 gallons
Total No. of Casing Volumes Removed 1.4
Date 2-2-2015

Factor * Water Column Height Equals Gallons	
Factor	Diameter
0.163	2" Well
0.653	4" Well
1.469	6" Well
Conversions	
1 mL =	0.0003 gal
1 gal =	3,785 mL

SAMPLING METHOD:

Low-Flow: X
Grab/No-purge:
Bailer:
Peristaltic pump:
Submersible Pump: X
Other:
Was drawdown greater than 0.3 ft? (y/n): N
Pump Depth (ft below TOC) (if applicable): 57'

Stability Parameter Readings: Readings every five minutes for at least three readings to achieve stability for ALL parameters except as noted.

Start Time 1155	Temperature (Celsius) +/- 3%	pH +/- 0.1	Oxidation-Reduction Potential (mV) +/- 10mV*	Specific Conductance (umhos/cm) +/- 3%	Turbidity (NTU) +/- 10%*	Dissolved Oxgen (mg/L) +/- 10%*	Sampling DTW (ft) <0.3ft	Flow Rate (ml/min) <250	mL Removed
1200	8.11	8.02	186	2.37	0.0	5.72	52.35	~200	1000
1205	10.66	7.31	42	2.25	0.0	1.45			2000
1210	10.97	7.21	63	2.32	0.0	1.95	52.45		3000
1215	10.95	7.17	100	2.47	0.0	2.53			4000
1220	10.88	7.18	119	2.54	21.3	2.83	52.51		5000
1225	10.81	7.18	278	3.16	30.4	3.17			6000
1230	10.87	7.16	160	2.67	24.8	3.43	52.49		7000

* Only one (1) of these need to reach stability.

PURGE[1]: Date 2-2-2015 Time —
SAMPLING: Date 2-2-2015 Time 1235

Sample Analysis	Volume	Type	Number of Containers	Preservative Type	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOC 8260	40mL	VOA	3	HCl	N	NA	—	--

EQUIPMENT DECONTAMINATION PROCEDURES:

DECONTAMINATION METHOD:
☒ Non Phosphatic detergent wash/distilled water rinse
☐ Methanol rinse

NOTES:

Sampler Signature:

[1]Monitoring wells sampled with a bailer require at least 3 to 5 well volumes to be purged prior to sampling unless the well bails dry prior to the removal of three (3) well volumes. Wells bailed dry should be sampled upon sufficient recovery for collection of samples. Record the time of purging and the time of sampling on the Groundwater Sampling Form.

ENVIRO forensics

GROUNDWATER SAMPLING FORM

602 N. Capital Ave
Indianapolis, IN 46204
T: 317-972-7870 F: 317-972-7875

PROJECT NAME: OHM-Wauwatosa
Well/Surface Station I.D.: MW- 2
LOCATION/ADDRESS: 6737 W. Milwaukee Ave, Wauwatosa, WI
Sample Designation: 6140MW- 2
PROJECT NO.: 6140
CLIENT/CONTACT: Brian Cass
Personnel: K. Heimstead

WATER LEVEL MEASUREMENTS DURING GAUGING:

Well Depth 59.90 feet
Depth to Water 57.98 feet
Well Diameter 2 inches
Casing Volume 1.29 gallons
Volume Removed 2.1 gallons
Total No. of Casing Volumes Removed 1.63
Date 2-2-2015

Factor * Water Column Height Equals Gallons	
Factor	Diameter
0.163	2" Well
0.653	4" Well
1.469	6" Well
Conversions	
1 mL =	0.0003 gal
1 gal =	3,785 mL

SAMPLING METHOD:

Low-Flow: X
Grab/No-purge:
Bailer:
Peristaltic pump:
Submersible Pump: X
Other:
Was drawdown greater than 0.3 ft? (y/n): N
Pump Depth (ft below TOC) (if applicable): 55'

Stability Parameter Readings: Readings every five minutes for at least three readings to achieve stability for ALL parameters except as noted.

Start Time 1335	Temperature (Celsius) +/- 3%	pH +/- 0.1	Oxidation-Reduction Potential (mV) +/- 10mV*	Specific Conductance (umhos/cm) +/- 3%	Turbidity (NTU) +/- 10%*	Dissolved Oxgen (mg/L) +/- 10%*	Sampling DTW (ft) <0.3ft	Flow Rate (ml/min) <250	mL Removed
	~~9.52~~	~~7.31~~	~~54~~	~~1.79~~	~~0.0~~	~~1.85~~	~~59.90~~	~~~200~~	
1340	9.52	7.31	54	1.79	0.0	1.85	59.90	~200	1000
1345	10.92	7.16	-33	1.82	0.0	1.08			2000
1350	11.22	7.14	-54	1.81	0.0	0.30	59.99		3000
1355	11.53	7.12	-52	1.82	0.0	0.27			4000
1400	11.37	7.11	-51	1.82	34.6	0.35	60.13		5000
1405	11.35	7.12	-50	1.82	38.1	0.33			6000
							60.04		~~7000~~

* Only one (1) of these need to reach stability.

PURGE[1]: Date 2-2-2015 Time –
SAMPLING: Date 2-2-2015 Time 1410

Sample Analysis	Volume	Type	Number of Containers	Preservative Type	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOC 8260	40mL	VOA	6	HCl	N	NA	Dup-1	--

EQUIPMENT DECONTAMINATION PROCEDURES:

DECONTAMINATION METHOD:
☒ Non Phosphatic detergent wash/distilled water rinse
☐ Methanol rinse

NOTES:

Sampler Signature: K. Heimstead

[1]Monitoring wells sampled with a bailer require at least 3 to 5 well volumes to be purged prior to sampling unless the well bails dry prior to the removal of three (3) well volumes. Wells bailed dry should be sampled upon sufficient recovery for collection of samples. Record the time of purging and the time of sampling on the Groundwater Sampling Form.

ENVIRO forensics

GROUNDWATER SAMPLING FORM

602 N. Capital Ave
Indianapolis, IN 46204
T: 317-972-7870 F: 317-972-7875

PROJECT NAME: OHM-Wauwatosa
Well/Surface Station I.D.: MW- 3
LOCATION/ADDRESS: 6737 W. Milwaukee Ave, Wauwatosa, WI
Sample Designation: 6140-MW- 3
PROJECT NO.: 6140
CLIENT/CONTACT: Brian Cass
Personnel: K. Heimstead

WATER LEVEL MEASUREMENTS DURING GAUGING:

Well Depth 59.08 feet
Depth to Water 51.34 feet
Well Diameter 2 inches
Casing Volume 1.2 gallons
Volume Removed 2.1 gallons
Total No. of Casing Volumes Removed 1.75
Date 2-2-2015

Factor * Water Column Height Equals Gallons	
Factor	Diameter
0.163	2" Well
0.653	4" Well
1.469	6" Well
Conversions	
1 mL =	0.0003 gal
1 gal =	3,785 mL

SAMPLING METHOD:

Low-Flow: X
Grab/No-purge:
Bailer:
Peristaltic pump:
Submersible Pump: X
Other:
Was drawdown greater than 0.3 ft? (y/n): N
Pump Depth (ft below TOC) (if applicable): 54'

Stability Parameter Readings: Readings every five minutes for at least three readings to achieve stability for ALL parameters except as noted.

Start Time 1245	Temperature (Celsius) +/- 3%	pH +/- 0.1	Oxidation-Reduction Potential (mV) +/- 10mV*	Specific Conductance (umhos/cm) +/- 3%	Turbidity (NTU) +/- 10%*	Dissolved Oxgen (mg/L) +/- 10%*	Sampling DTW (ft) <0.3ft	Flow Rate (ml/min) <250	mL Removed
1250	8.52	7.39	9	2.79	0.0	1.03	51.34	~200	1000
1255	10.61	7.18	-5	2.86	0.6	0.23			2000
1300	11.16	7.13	-12	2.89	0.0	0.19	51.46		3000
1305	11.21	7.09	-18	2.91	0.0	0.10			4000
1310	11.22	7.08	-27	2.90	18.4	0.02	51.48		5000
1315	11.25	7.07	-29	2.89	21.3	0.00			6000
1320	11.26	7.0	-30	2.	23.0	0.01	51.42		7000

* Only one (1) of these need to reach stability.

PURGE[1]: Date 2-2-2015 Time —
SAMPLING: Date 2-2-2015 Time 13.25

Sample Analysis	Volume	Type	Number of Containers	Preservative Type	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOC 8260	40mL	VOA	3	HCl	N	NA	—	--

EQUIPMENT DECONTAMINATION PROCEDURES:

DECONTAMINATION METHOD:
☒ Non Phosphatic detergent wash/distilled water rinse
☐ Methanol rinse

NOTES:

Sampler Signature:

[1]Monitoring wells sampled with a bailer require at least 3 to 5 well volumes to be purged prior to sampling unless the well bails dry prior to the removal of three (3) well volumes. Wells bailed dry should be sampled upon sufficient recovery for collection of samples. Record the time of purging and the time of sampling on the Groundwater Sampling Form.

ENVIRO forensics

GROUNDWATER SAMPLING FORM

602 N. Capital Ave
Indianapolis, IN 46204
T: 317-972-7870 F: 317-972-7875

PROJECT NAME: OHM-Wauwatosa
Well/Surface Station I.D.: MW- 4
LOCATION/ADDRESS: 6737 W. Milwaukee Ave, Wauwatosa, WI
Sample Designation: 6140-MW- 4
PROJECT NO.: 6140
CLIENT/CONTACT: Brian Cass
Personnel: K. Heimstead

WATER LEVEL MEASUREMENTS DURING GAUGING:

Well Depth 58.10 feet
Depth to Water 47.80 feet
Well Diameter 2 inches
Casing Volume 1.7 gallons
Volume Removed 2.1 gallons
Total No. of Casing Volumes Removed 1.2
Date 2-2-2015

Factor * Water Column Height Equals Gallons	
Factor	Diameter
0.163	2" Well
0.653	4" Well
1.469	6" Well
Conversions	
1 mL =	0.0003 gal
1 gal =	3,785 mL

SAMPLING METHOD:

Low-Flow: X
Grab/No-purge:
Bailer:
Peristaltic pump:
Submersible Pump: X
Other:
Was drawdown greater than 0.3 ft? (y/n): N
Pump Depth (ft below TOC) (if applicable): 53'

Stability Parameter Readings: Readings every five minutes for at least three readings to achieve stability for ALL parameters except as noted.

Start Time 1030	Temperature (Celsius) +/- 3%	pH +/- 0.1	Oxidation-Reduction Potential (mV) +/- 10mV*	Specific Conductance (umhos/cm) +/- 3%	Turbidity (NTU) +/- 10%*	Dissolved Oxgen (mg/L) +/- 10%*	Sampling DTW (ft) <0.3ft	Flow Rate (ml/min) <250	mL Removed
1035	11.86	7.49	122	8.93	78.2	6.61	47.80	~200	1000
1040	11.57	7.29	114	9.03	75.6	5.04			2000
1045	9.27	7.27	111	9.39	755	4.89	48.13		3000
1050	7.33	7.27	106	9.53	65.4	5.43			4000
1055	7.54	7.26	106	9.31	58.0	5.34	48.28		5000
1100	7.49	7.26	105	9.31	46.6	5.41		✓	6000
1105	7.20	10.60	99	9.01	25.1	6.25	48.31		7000

* Only one (1) of these need to reach stability.

PURGE[1]: Date 2-2-2015 Time 1100
SAMPLING: Date 2-2-2015 Time 1110

Sample Analysis	Volume	Type	Number of Containers	Preservative Type	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOC 8260	40mL	VOA	3	HCl	N	NA	—	--

EQUIPMENT DECONTAMINATION PROCEDURES:

DECONTAMINATION METHOD:
☒ Non Phosphatic detergent wash/distilled water rinse
☐ Methanol rinse

NOTES:

Sampler Signature:

[1]Monitoring wells sampled with a bailer require at least 3 to 5 well volumes to be purged prior to sampling unless the well bails dry prior to the removal of three (3) well volumes. Wells bailed dry should be sampled upon sufficient recovery for collection of samples. Record the time of purging and the time of sampling on the Groundwater Sampling Form.

ENVIRO forensics

GROUNDWATER SAMPLING FORM

602 N. Capital Ave
Indianapolis, IN 46204
T: 317-972-7870 F: 317-972-7875

PROJECT NAME: OHM-Wauwatosa
Well/Surface Station I.D.: 6140 - MW - 1
LOCATION/ADDRESS: 6737 W. Milwaukee Ave, Wauwatosa, WI
Sample Designation: MW - 1
PROJECT NO.: 6140
CLIENT/CONTACT: Brian Cass
Personnel: K. Vander Heiden

WATER LEVEL MEASUREMENTS DURING GAUGING:

Well Depth 60.97 feet
Depth to Water 52.77 feet
Well Diameter 2 inches
Casing Volume _____ gallons
Volume Removed _____ gallons
Total No. of Casing Volumes Removed _____
Date 4/15/2015

Factor * Water Column Height Equals Gallons	
Factor	Diameter
0.163	2" Well
0.653	4" Well
1.469	6" Well
Conversions	
1 mL =	0.0003 gal
1 gal =	3,785 mL

SAMPLING METHOD:

Low-Flow: x
Grab/No-purge: _____
Bailer: _____
Peristaltic pump: _____
Submersible Pump: x
Passive Diffusion Bag[2]: _____
Other: _____
Was drawdown greater than 0.3 ft? (y/n): N
Pump Depth (ft below TOC) (if applicable): 55.97

Stability Parameter Readings: Readings every five minutes for at least three readings to achieve stability for ALL parameters except as noted.

Start Time 1146	Temperature (Celsius) +/-3%	pH +/- 0.1	Oxidation-Reduction Potential (mV) +/- 10mV*	Specific Conductance (umhos/cm) +/-3%	Turbidity (NTU) +/- 10%*	Dissolved Oxgen (mg/L) +/- 10%*	Sampling DTW (ft) <0.3ft	Flow Rate (ml/min) <250	mL Removed
1151	13.74	7.52	187	1.81	990	15.88	52.78	45	
1156	13.58	7.49	197	1.84	947	10 —	~~52.79~~	45	
1201	13.30	7.36	198	1.91	671	9.28	52.78	55	
1206	13.66	7.32	195	1.91	533	8.76	52.78	50	
1211	13.56	7.29	188	1.96	362	8.30	52.78	45	
			✓			✓			

52.77

* Only one (1) of these need to reach stability.

PURGE[1]: Date _____ Time _____
SAMPLING: Date 4/15/2015 Time 1216

Sample Analysis	Volume	Type	Number of Containers	Preservative Type	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOC 8260	40mL	VOA	6	HCL	N	N/A	DUP-1	N/A

EQUIPMENT DECONTAMINATION PROCEDURES:

DECONTAMINATION METHOD:
■ Non Phosphatic detergent wash/distilled water rinse
☐ Methanol rinse

NOTES: **DUP-1**

Sampler Signature: _____

[1]Monitoring wells sampled with a bailer require at least 3 to 5 well volumes to be purged prior to sampling unless the well bails dry prior to the removal of three (3) well volumes. Wells bailed dry should be sampled upon sufficient recovery for collection of samples. Record the time of purging and the time of sampling on the Groundwater Sampling Form.
[2]Include Date PDB Installed in well, and Date PDB removed and sampled in NOTES section.

ENVIRO forensics

GROUNDWATER SAMPLING FORM

602 N. Capital Ave
Indianapolis, IN 46204
T: 317-972-7870 F: 317-972-7875

PROJECT NAME	OHM-Wauwatosa	Well/Surface Station I.D.	6140 - MW - 2
LOCATION/ADDRESS	6737 W. Milwaukee Ave Wauwatosa, WI	Sample Designation	MW - 2
PROJECT NO.	6140		
CLIENT/CONTACT	Brian Cass	Personnel	K. Vander Heiden

WATER LEVEL MEASUREMENTS DURING GAUGING:

Well Depth 59.88 feet
Depth to Water 52.37 feet
Well Diameter 2 inches
Casing Volume _____ gallons
Volume Removed _____ gallons
Total No. of Casing Volumes Removed _____
Date 4/15/2015

Factor * Water Column Height Equals Gallons	
Factor	Diameter
0.163	2" Well
0.653	4" Well
1.469	6" Well
Conversions	
1 mL =	0.0003 gal
1 gal =	3,785 mL

SAMPLING METHOD:

Low-Flow	x
Grab/No-purge	
Bailer	
Peristaltic pump	
Submersible Pump	x
Passive Diffusion Bag[2]	
Other	
Was drawdown greater than 0.3 ft? (y/n)	N
Pump Depth (ft below TOC) (if applicable)	54.88

Stability Parameter Readings: Readings every five minutes for at least three readings to achieve stability for ALL parameters except as noted.

Start Time 1232	Temperature (Celsius) +/- 3%	pH +/- 0.1	Oxidation-Reduction Potential (mV) +/- 10mV*	Specific Conductance (umhos/cm) +/- 3%	Turbidity (NTU) +/- 10%*	Dissolved Oxgen (mg/L) +/- 10%*	Sampling DTW (ft) <0.3ft	Flow Rate (ml/min) <250	mL Removed
1237	14.25	7.39	219	1.62	0	10.76	52.37	100	
1242	14.30	7.34	221	1.61	0	7.76	52.38	100	
1247	14.17	7.29	225	1.58	0	6.37	52.38	100	
1252	14.15	7.26	227	1.57	1000	5.81	52.38	105	
			✓						

* Only one (1) of these need to reach stability.

PURGE[1]: Date _____ Time _____
SAMPLING: Date 4/15/2015 Time 1255

Sample Analysis	Volume	Type	Number of Containers	Preservative Type	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOC 8260	40mL	VOA	3	HCL		N/A	—	N/A

EQUIPMENT DECONTAMINATION PROCEDURES:

DECONTAMINATION METHOD:
- ☒ Non Phosphatic detergent wash/distilled water rinse
- ☐ Methanol rinse

NOTES:

Sampler Signature: [signature]

[1]Monitoring wells sampled with a bailer require at least 3 to 5 well volumes to be purged prior to sampling unless the well bails dry prior to the removal of three (3) well volumes. Wells bailed dry should be sampled upon sufficient recovery for collection of samples. Record the time of purging and the time of sampling on the Groundwater Sampling Form.

[2]Include Date PDB Installed in well, and Date PDB removed and sampled in NOTES section.

ENVIRO forensics

GROUNDWATER SAMPLING FORM

602 N. Capital Ave
Indianapolis, IN 46204
T: 317-972-7870 F: 317-972-7875

PROJECT NAME	OHM-Wauwatosa	Well/Surface Station I.D.	6140 - MW - 3
LOCATION/ADDRESS	6737 W. Milwaukee Ave Wauwatosa, WI	Sample Designation	MW - 3
PROJECT NO.	6140		
CLIENT/CONTACT	Brian Cass	Personnel	K. Vander Heiden

WATER LEVEL MEASUREMENTS DURING GAUGING:

Well Depth 59.07 feet
Depth to Water 51.72 feet
Well Diameter 2 inches
Casing Volume _____ gallons
Volume Removed _____ gallons
Total No. of Casing Volumes Removed _____
Date 4/15/2015

Factor * Water Column Height Equals Gallons	
Factor	Diameter
0.163	2" Well
0.653	4" Well
1.469	6" Well
Conversions	
1 mL =	0.0003 gal
1 gal =	3,785 mL

SAMPLING METHOD:

Low-Flow	x
Grab/No-purge	
Bailer	
Peristaltic pump	
Submersible Pump	x
Passive Diffusion Bag[2]	
Other	
Was drawdown greater than 0.3 ft? (y/n)	N
Pump Depth (ft below TOC) (if applicable)	54.07

Stability Parameter Readings: Readings every five minutes for at least three readings to achieve stability for ALL parameters except as noted.

Start Time 1315	Temperature (Celsius) +/- 3%	pH +/- 0.1	Oxidation-Reduction Potential (mV) +/- 10mV*	Specific Conductance (umhos/cm) +/- 3%	Turbidity (NTU) +/- 10%*	Dissolved Oxgen (mg/L) +/- 10%*	Sampling DTW (ft) <0.3ft	Flow Rate (ml/min) <250	mL Removed
1320	14.73	7.25	-9	2.61	0-	3.74	51.70	140	
1325	14.78	7.18	-18	2.60	0-	1.70	51.69	145	
1330	14.90	7.16	-22	2.60	1000	1.24	51.70	145	
1335	14.94	7.15	-27	2.59	84	0.92	51.69	95	
1340	14.93	7.14	-32	2.58	619	0.73	51.69	100	
1345	14.95	7.14	-35	2.58	524	0.62	51.70	95	
			✓						

* Only one (1) of these need to reach stability.

PURGE[1]: Date _____ Time _____
SAMPLING: Date 4/15/2015 Time 1350

Sample Analysis	Volume	Type	Number of Containers	Preservative Type	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOC 8260	40mL	VOA	3	HCL	N	N/A	—	N/A

EQUIPMENT DECONTAMINATION PROCEDURES:

DECONTAMINATION METHOD:
- ■ Non Phosphatic detergent wash/distilled water rinse
- ☐ Methanol rinse

NOTES:

Sampler Signature: _____

[1]Monitoring wells sampled with a bailer require at least 3 to 5 well volumes to be purged prior to sampling unless the well bails dry prior to the removal of three (3) well volumes. Wells bailed dry should be sampled upon sufficient recovery for collection of samples. Record the time of purging and the time of sampling on the Groundwater Sampling Form.

[2]Include Date PDB Installed in well, and Date PDB removed and sampled in NOTES section.

ENVIRO forensics

GROUNDWATER SAMPLING FORM

602 N. Capital Ave
Indianapolis, IN 46204
T: 317-972-7870 F: 317-972-7875

PROJECT NAME	OHM-Wauwatosa	Well/Surface Station I.D.	6140 - MW - 4
LOCATION/ADDRESS	6737 W. Milwaukee Ave Wauwatosa, WI	Sample Designation	MW - 4
PROJECT NO.	6140		
CLIENT/CONTACT	Brian Cass	Personnel	K. Vander Heiden

WATER LEVEL MEASUREMENTS DURING GAUGING:

Well Depth 57.40 feet
Depth to Water 48.43 feet
Well Diameter 2 inches
Casing Volume _____ gallons
Volume Removed _____ gallons
Total No. of Casing Volumes Removed _____
Date 4/15/2015

Factor * Water Column Height Equals Gallons	
Factor	Diameter
0.163	2" Well
0.653	4" Well
1.469	6" Well
Conversions	
1 mL =	0.0003 gal
1 gal =	3,785 mL

SAMPLING METHOD:

Low-Flow x
Grab/No-purge
Bailer
Peristaltic pump
Submersible Pump x
Passive Diffusion Bag[2]
Other
Was drawdown greater than 0.3 ft? (y/n) N
Pump Depth (ft below TOC) (if applicable) 52.40

Stability Parameter Readings: Readings every five minutes for at least three readings to achieve stability for ALL parameters except as noted.

Start Time 1406	Temperature (Celsius)	pH	Oxidation-Reduction Potential (mV)	Specific Conductance (umhos/cm)	Turbidity (NTU)	Dissolved Oxgen (mg/L)	Sampling DTW (ft)	Flow Rate (ml/min)	mL Removed
	+/- 3%	+/- 0.1	+/- 10mV*	+/- 3%	+/- 10%*	+/- 10%*	<0.3ft	<250	
1410	15.45	7.12	102	8.17	348	7.85	48.65	140	
1415	15.48	7.09	88	8.35	185	6.12	48.66	90	
1420	15.52	7.07	88	8.33	69.7	5.55	48.67	90	
1425	15.59	7.07	80	8.34	56.2	5.27	48.67	90	
1430	15.65	7.07	77	8.34	46.9	5.12	48.68	90	
1435	15.77	7.06	73	8.43	39.2	4.98	48.67	95	
			☑						

* Only one (1) of these need to reach stability.

PURGE[1]: Date _____ Time _____
SAMPLING: Date 4/15/2015 Time 1440

Sample Analysis	Volume	Type	Number of Containers	Preservative Type	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOC 8260	40mL	VOA		HCL		N/A		N/A

EQUIPMENT DECONTAMINATION PROCEDURES:

DECONTAMINATION METHOD:
☒ Non Phosphatic detergent wash/distilled water rinse
☐ Methanol rinse

NOTES:

Sampler Signature: [signature]

[1]Monitoring wells sampled with a bailer recuire at least 3 to 5 well volumes to be purged prior to sampling unless the well bails dry prior to the removal of three (3) well volumes. Wells bailed dry should be sampled upon sufficient recovery for collection of samples. Record the time of purging and the time of sampling on the Groundwater Sampling Form.

[2]Include Date PDB Installed in well, and Date PDB removed and sampled in NOTES section.

forensics

GROUNDWATER SAMPLING FORM

2 N. Capital Ave
Indianapolis, IN 46204
T: 317-972-7870 F: 317-972-7875

PROJECT NAME: OHM-Wauwatosa
LOCATION/ADDRESS: 6737 W Milwaukee Ave Wauwatosa WI
Well/Surface Station I.D.: MW-1
Sample Designation: 6140- MW-1
PROJECT NO.: 6140
CLIENT/CONTACT: Brian Cass
Personnel: K. Heimstead

WATER LEVEL MEASUREMENTS DURING GAUGING:

Well Depth: 60.17 feet
Depth to Water: 52.31 feet
Well Diameter: 2
Casing Volume: 1.44 gallons
Volume Removed: 1.8 gallons
Total No. of Casing Volumes Removed: 1.3
Date: 7-28-15

Factor * Water Column Height Equals Gallons	
Factor	Diameter
0.163	2" Well
0.653	4" Well
1.469	6" Well
Conversions	
1 mL =	0.0003 gal
1 gal =	3,785 mL

SAMPLING METHOD:

Low-Flow: X
Grab/No-purge:
Bailer:
Peristaltic pump:
Submersible Pump: X
Passive Diffusion Bag[2]:
Other:
Was drawdown greater than 0.3 ft? (y/n): N
Pump Depth (ft below TOC) (if applicable):

Stability Parameter Readings: Readings every five minutes for at least three readings to achieve stability for ALL parameters except as noted.

Start Time 1030	Temperature (Celsius) +/- 3%	pH +/- 0.1	Oxidation-Reduction Potential (mV) +/- 10mV*	Specific Conductance (umhos/cm) +/- 3%	Turbidity (NTU) +/- 10%*	Dissolved Oxgen (mg/L) +/- 10%*	Sampling DTW (ft) <0.3ft	Flow Rate (ml/min) <250	mL Removed
1035	17.48	7.46	-37	2.73	0.0	2.97	52.31	~200	1000
1040	14.33	7.17	42	2.45	0.0	1.23			2000
1045	13.79	7.10	62	2.59	0.0	1.36			3000
1050	13.59	7.09	78	2.58	0.0	1.36			4000
1055	14.20	7.11	83	2.58	0.0	1.17			5000
1100	14.12	7.13	89	2.59	0.0	1.16			6000
1105	14.08	7.14	92	2.59	0.0	1.25			7000
0									

* Only one (1) of these need to reach stability.

PURGE[1]: Date: Time:
SAMPLING: Date: 7-28-15 Time: 1110

Sample Analysis	Volume	Type	Number of Containers	Preservative Type	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOC 8260	40mL	VOA	3	HCl	N	NA	—	—

EQUIPMENT DECONTAMINATION PROCEDURES:

DECONTAMINATION METHOD:
☒ Non Phosphatic detergent wash/distilled water rinse
☐ Metharol rinse

NOTES:

Sampler Signature:

[1]Monitoring wells sampled with a bailer require at least 3 to 5 well volumes to be purged prior to sampling unless the well bails dry prior to the removal of three (3) well volumes. Wells bailed dry should be sampled upon sufficient recovery for collection of samples. Record the time of purging and the time of sampling on the Groundwater Sampling Form.
[2]Include Date PDB Installed in well, and Date PDB removed and sampled in NOTES section.

ENVIROforensics

GROUNDWATER SAMPLING FORM

602 N. Capital Ave
Indianapolis, IN 46204
T: 317-972-7870 F: 317-972-7875

PROJECT NAME: OHM-Wauwatosa
Well/Surface Station I.D.: MW-2
LOCATION/ADDRESS: 6737 W. Milwaukee Ave Wauwatosa WI
Sample Designation: 6140- MW-2
PROJECT NO.: 6140
CLIENT/CONTACT: Brian Cass
Personnel: K. Heimstead

WATER LEVEL MEASUREMENTS DURING GAUGING:

Well Depth: 59.88 feet
Depth to Water: 51.91 feet
Well Diameter: 2
Casing Volume: 1.3 gallons
Volume Removed: 1.8 gallons
Total No. of Casing Volumes Removed: 1.4
Date: 7-28-15

Factor * Water Column Height Equals Gallons	
Factor	Diameter
0.163	2" Well
0.653	4" Well
1.469	6" Well
Conversions	
1 mL =	0.0003 gal
1 gal =	3,785 mL

SAMPLING METHOD:

Low-Flow: X
Grab/No-purge:
Bailer:
Peristaltic pump:
Submersible Pump: X
Passive Diffusion Bag[2]:
Other:
Was drawdown greater than 0.3 ft? (y/n): N
Pump Depth (ft below TOC) (if applicable):

Stability Parameter Readings: Readings every five minutes for at least three readings to achieve stability for ALL parameters except as noted.

Start Time 1130	Temperature (Celsius) +/- 3%	pH +/- 0.1	Oxidation-Reduction Potential (mV) +/- 10mV*	Specific Conductance (umhos/cm) +/- 3%	Turbidity (NTU) +/- 10%*	Dissolved Oxgen (mg/L) +/- 10%*	Sampling DTW (ft) <0.3ft	Flow Rate (ml/min) <250	mL Removed
1135	18.20	7.24	127	1.68	0.0	1.91	51.91	~200	1000
1140	14.97	7.15	128	1.58	0.0	1.04			2000
1145	14.05	7.13	130	1.57	715	0.52			3000
1150	13.90	7.11	131	1.60	204	0.50			4000
1155	13.93	7.11	131	1.60	158	0.48			5000
1200	13.96	7.10	131	1.61	126	0.44			6000
1205	13.91	7.10	130	1.61	82.1	0.31			7000

* Only one (1) of these need to reach stability.

PURGE[1]: Date: ____ Time: ____
SAMPLING: Date: 7-28-15 Time: 1210

Sample Analysis	Volume	Type	Number of Containers	Preservative Type	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOC 8260	40mL	VOA	6	HCl	N	NA	Dup-1	-

EQUIPMENT DECONTAMINATION PROCEDURES:

DECONTAMINATION METHOD:
☒ Non Phosphatic detergent wash/distilled water rinse
☐ Methanol rinse

NOTES:

Sampler Signature:

[1]Monitoring wells sampled with a bailer require at least 3 to 5 well volumes to be purged prior to sampling unless the well bails dry prior to the removal of three (3) well volumes. Wells bailed dry should be sampled upon sufficient recovery for collection of samples. Record the time of purging and the time of sampling on the Groundwater Sampling Form.

[2]Include Date PDB Installed in well, and Date PDB removed and sampled in NOTES section.

ENVIRO forensics

GROUNDWATER SAMPLING FORM

602 N. Capital Ave
Indianapolis, IN 46204
T: 317-972-7870 F: 317-972-7875

PROJECT NAME: OHM-Wauwatosa
Well/Surface Station I.D.: Mw-3
LOCATION/ADDRESS: 6737 W. Milwaukee Ave Wauwatosa WI
Sample Designation: 6140- Mw-3
PROJECT NO.: 6140
CLIENT/CONTACT: Brian Cass
Personnel: K. Heimstead

WATER LEVEL MEASUREMENTS DURING GAUGING:

Well Depth: 59.10 feet
Depth to Water: 51.28 feet
Well Diameter: 2
Casing Volume: 1.3 gallons
Volume Removed: 1.8 gallons
Total No. of Casing Volumes Removed: 1.4
Date: 7-28-15

Factor * Water Column Height Equals Gallons	
Factor	Diameter
0.163	2" Well
0.653	4" Well
1.469	6" Well
Conversions	
1 mL =	0.0003 gal
1 gal =	3,785 mL

SAMPLING METHOD:

Low-Flow: X
Grab/No-purge:
Bailer:
Peristaltic pump:
Submersible Pump: X
Passive Diffusion Bag[2]:
Other:
Was drawdown greater than 0.3 ft? (y/n): N
Pump Depth (ft below TOC) (if applicable):

Stability Parameter Readings: Readings every five minutes for at least three readings to achieve stability for ALL parameters except as noted.

Start Time 1225	Temperature (Celsius) +/- 3%	pH +/- 0.1	Oxidation-Reduction Potential (mV) +/- 10mV*	Specific Conductance (umhos/cm) +/- 3%	Turbidity (NTU) +/- 10%*	Dissolved Oxgen (mg/L) +/- 10%*	Sampling DTW (ft) <0.3ft	Flow Rate (ml/min) <250	mL Removed
1230	18.06	7.08	-124	2.03	0.0	0.86	51.28	~200	100cc
1235	15.91	7.05	-127	2.00	0.0	0.23			200cc
1240	15.26	7.04	-131	1.96	99.1	0.00			300cc
1245	15.05	7.03	-134	1.96	37.0	0.00			400cc
1250	14.96	7.04	-135	1.94	32.8	0.00			500cc
1255	14.97	7.03	-135	1.92	19.9	0.00			600cc
1300	14.95	7.03	-135	1.92	15.7	0.00			

* Only one (1) of these need to reach stability.

PURGE[1]: Date: Time:
SAMPLING: Date: 7-28-15 Time: 1305

Sample Analysis	Volume	Type	Number of Containers	Preservative Type	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOC 8260	40-L	VOA	3	HCl	N	NA	-	-

EQUIPMENT DECONTAMINATION PROCEDURES:

DECONTAMINATION METHOD:
☒ Non Phosphatic detergent wash/distilled water rinse
☐ Methanol rinse

NOTES:

Sampler Signature: K. Heimstead

[1]Monitoring wells sampled with a bailer require at least 3 to 5 well volumes to be purged prior to sampling unless the well bails dry prior to the removal of three (3) well volumes. Wells bailed dry should be sampled upon sufficient recovery for collection of samples. Record the time of purging and the time of sampling on the Groundwater Sampling Form.
[2]Include Date PDB Installed in well, and Date PDB removed and sampled in NOTES section.

ENVIRO forensics

GROUNDWATER SAMPLING FORM

602 N. Capital Ave
Indianapolis, IN 46204
T: 317-972-7870 F: 317-972-7875

PROJECT NAME: OHM-Wauwatosa — Well/Surface Station I.D.: MW-4

LOCATION/ADDRESS: 6737 W. Milwaukee Ave Wauwatosa WI — Sample Designation: 6140-MW-4

PROJECT NO.: 6140

CLIENT/CONTACT: Brian Cass — Personnel: K. Heimstead

WATER LEVEL MEASUREMENTS DURING GAUGING:

Well Depth: 57.42 feet
Depth to Water: 47.80 feet
Well Diameter: 2
Casing Volume: 1.6 gallons
Volume Removed: 1.8 gallons
Total No. of Casing Volumes Removed: 1.1
Date: 7-28-15

Factor * Water Column Height Equals Gallons	
Factor	Diameter
0.163	2" Well
0.653	4" Well
1.469	6" Well
Conversions	
1 mL =	0.0003 gal
1 gal =	3,785 mL

SAMPLING METHOD:

Low-Flow: X
Grab/No-purge:
Bailer:
Peristaltic pump:
Submersible Pump: X
Passive Diffusion Bag[2]:
Other:
Was drawdown greater than 0.3 ft? (y/n): N
Pump Depth (ft below TOC) (if applicable):

Stability Parameter Readings: Readings every five minutes for at least three readings to achieve stability for ALL parameters except as noted.

Start Time 1325	Temperature (Celsius) +/- 3%	pH +/- 0.1	Oxidation-Reduction Potential (mV) +/- 10mV*	Specific Conductance (umhos/cm) +/- 3%	Turbidity (NTU) +/- 10%*	Dissolved Oxgen (mg/L) +/- 10%*	Sampling DTW (ft) <0.3ft	Flow Rate (ml/min) <250	mL Removed
1330	18.00	6.96	-37	7.40	160	0.32	47.80	~200	1000
1335	15.30	6.97	-51	7.24	49.6	0.00	↓	↓	2000
1340	15.01	6.97	-68	7.22	18.1	0.00			3000
1345	14.90	6.97	-81	7.21	15.7	0.00			4000
1350	14.83	6.97	-85	7.20	13.0	0.00			5000
1355	14.85	6.98	-94	7.17	12.4	0.00			6000
1400	14.78	6.99	-95	7.16	11.3	0.00	↓		

* Only one (1) of these need to reach stability.

PURGE[1]: Date: — Time:
SAMPLING: Date: 7-28-15 Time: 1405

Sample Analysis	Volume	Type	Number of Containers	Preservative Type	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOC 8260	40mL	VOA	3	HCl	N	NA	—	—

EQUIPMENT DECONTAMINATION PROCEDURES:

DECONTAMINATION METHOD:
☒ Non Phosphatic detergent wash/distilled water rinse
☐ Methanol rinse

NOTES:

Sampler Signature:

[1]Monitoring wells sampled with a bailer require at least 3 to 5 well volumes to be purged prior to sampling unless the well bails dry prior to the removal of three (3) well volumes. Wells bailed dry should be sampled upon sufficient recovery for collection of samples. Record the time of purging and the time of sampling on the Groundwater Sampling Form.

[2]Include Date PDB Installed in well, and Date PDB removed and sampled in NOTES section.

ENVIRO forensics

GROUNDWATER SAMPLING FORM

602 N. Capital Ave
Indianapolis, IN 46204
T: 317-972-7870 F: 317-972-7875

PROJECT NAME: OHM-Wauwatosa
Well/Surface Station I.D.: MW-01
LOCATION/ADDRESS: 6737 W. Milwaukee Ave, Wauwatosa
Sample Designation: 6140 MW-01
PROJECT NO.: 6140
CLIENT/CONTACT: Brian Cas
Personnel: K. Hemstead

WATER LEVEL MEASUREMENTS DURING GAUGING:

Well Depth: 60.94 feet
Depth to Water: [redacted] feet 52.65
Well Diameter: 2 inches
Casing Volume: 1.3 gallons
Volume Removed: 1.5 gallons
Total No. of Casing Volumes Removed: 1.2
Date: 10-1-2015

Factor * Water Column Height Equals Gallons	
Factor	Diameter
0.163	2" Well
0.653	4" Well
1.469	6" Well
Conversions	
1 mL =	0.0003 gal
1 gal =	3,785 mL

SAMPLING METHOD:

Low-Flow: X
Grab/No-purge:
Bailer:
Peristaltic pump:
Submersible Pump: X
Other:
Was drawdown greater than 0.3 ft? (y/n): N
Pump Depth (ft below TOC) (if applicable):

Stability Parameter Readings: Readings every five minutes for at least three readings to achieve stability for ALL parameters except as noted.

Start Time 1250	Temperature (Celsius) +/- 3%	pH +/- 0.1	Oxidation-Reduction Potential (mV) +/- 10mV*	Specific Conductance (umhos/cm) +/- 3%	Turbidity (NTU) +/- 10%*	Dissolved Oxgen (mg/L) +/- 10%*	Sampling DTW (ft) <0.3ft	Flow Rate (ml/min) <250	mL Removed
1255	14.56	6.72	66	2.18	0.0	0.47	52.66	~200	1000
1300	12.66	6.85	97	1.93	0.0	0.11	52.66	200	2000
1305	12.37	6.82	115	2.16	789	0.20	52.66	200	3000
1310	12.34	6.85	128	2.13	348	0.34	52.66	200	4000
1315	12.32	6.85	137	2.12	208	0.43	52.66	200	5000
1320	12.33	6.84	144	2.13	117	0.52	52.66	200	6000

* Only one (1) of these need to reach stability.

PURGE[1]: Date 10-1-15 Time
SAMPLING: Date 10-1-15 Time 1325

Sample Analysis	Volume	Type	Number of Containers	Preservative Type	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOC 8260	40mL	VOA	3	HCl	N	N/A	[redacted]	—

EQUIPMENT DECONTAMINATION PROCEDURES:

DECONTAMINATION METHOD:
☒ Non Phosphatic detergent wash/distilled water rinse
☐ Methanol rinse

NOTES:

Sampler Signature: [signature]

[1]Monitoring wells sampled with a bailer require at least 3 to 5 well volumes to be purged prior to sampling unless the well bails dry prior to the removal of three (3) well volumes. Wells bailed dry should be sampled upon sufficient recovery for collection of samples. Record the time of purging and the time of sampling on the Groundwater Sampling Form.

ENVIRO forensics

GROUNDWATER SAMPLING FORM

602 N. Capital Ave
Indianapolis, IN 46204
T: 317-972-7870 F: 317-972-7875

PROJECT NAME: OHM-Wauwatosa
Well/Surface Station I.D.: MW-2
LOCATION/ADDRESS: 6737 W. Milwaukee Ave Wauwatosa
Sample Designation: 6140 MW-2
PROJECT NO.: 6140
CLIENT/CONTACT: Brian Cas
Personnel: K. Heimstead

WATER LEVEL MEASUREMENTS DURING GAUGING:

Well Depth: 59.84 feet
Depth to Water: [redacted] feet 52.26
Well Diameter: 2 inches
Casing Volume: 1.7 gallons
Volume Removed: 1.5 gallons
Total No. of Casing Volumes Removed: 1.30
Date: 10-1-2015

Factor * Water Column Height Equals Gallons	
Factor	Diameter
0.163	2" Well
0.653	4" Well
1.469	6" Well
Conversions	
1 mL =	0.0003 gal
1 gal =	3,785 mL

SAMPLING METHOD:

Low-Flow: X
Grab/No-purge:
Bailer:
Peristaltic pump:
Submersible Pump: X
Other:
Was drawdown greater than 0.3 ft? (y/n): N
Pump Depth (ft below TOC) (if applicable):

Stability Parameter Readings: Readings every five minutes for at least three readings to achieve stability for ALL parameters except as noted.

Start Time 1345	Temperature (Celsius) +/- 3%	pH +/- 0.1	Oxidation-Reduction Potential (mV) +/- 10mV*	Specific Conductance (umhos/cm) +/- 3%	Turbidity (NTU) +/- 10%*	Dissolved Oxgen (mg/L) +/- 10%*	Sampling DTW (ft) <0.3ft	Flow Rate (ml/min) <250	mL Removed
1350	14.55	7.29	231	1.38	0.0	0.59	52.26	~200	1000
1355	12.67	6.89	201	1.31	978	0.07	52.26	200	2000
1400	12.53	6.86	190	1.37	310	0.10	52.26	200	3000
1405	12.46	6.83	186	1.40	75.8	0.22	52.26	200	4000
1410	12.51	6.82	186	1.41	104	0.24	52.26	200	5000
1415	12.50	6.82	186	1.38	96.0	0.18	52.26	200	6000

* Only one (1) of these need to reach stability.

PURGE[1]: Date 10-1-15 Time
SAMPLING: Date 10-1-15 Time 1420

Sample Analysis	Volume	Type	Number of Containers	Preservative Type	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOC 8260	40ml	VOA	6	HCl	N	N/A	Dup-1	—

EQUIPMENT DECONTAMINATION PROCEDURES:

DECONTAMINATION METHOD:
☒ Non Phosphatic detergent wash/distilled water rinse
☐ Methanol rinse

NOTES:

Sampler Signature:

[1]Monitoring wells sampled with a bailer require at least 3 to 5 well volumes to be purged prior to sampling unless the well bails dry prior to the removal of three (3) well volumes. Wells bailed dry should be sampled upon sufficient recovery for collection of samples. Record the time of purging and the time of sampling on the Groundwater Sampling Form.

ENVIRO forensics

GROUNDWATER SAMPLING FORM

602 N. Capital Ave
Indianapolis, IN 46204
T: 317-972-7870 F: 317-972-7875

PROJECT NAME: OHM-Wauwatosa
Well/Surface Station I.D.: MW-3
LOCATION/ADDRESS: 6737 W. Milwaukee Ave, Wauwatosa
Sample Designation: 6140 MW-3
PROJECT NO.: 6140
CLIENT/CONTACT: Brian Cas
Personnel: K. Hemstead

WATER LEVEL MEASUREMENTS DURING GAUGING:

Well Depth: 59.04 feet
Depth to Water: 51.61 feet
Well Diameter: 2 inches
Casing Volume: 1.2 gallons
Volume Removed: 1.5 gallons
Total No. of Casing Volumes Removed: 1.3
Date: 10-1-2015

Factor * Water Column Height Equals Gallons	
Factor	Diameter
0.163	2" Well
0.653	4" Well
1.469	6" Well
Conversions	
1 mL =	0.0003 gal
1 gal =	3,785 mL

SAMPLING METHOD:

Low-Flow: X
Grab/No-purge:
Bailer:
Peristaltic pump:
Submersible Pump: X
Other:
Was drawdown greater than 0.3 ft? (y/n): N
Pump Depth (ft below TOC) (if applicable):

Stability Parameter Readings: Readings every five minutes for at least three readings to achieve stability for ALL parameters except as noted.

Start Time 1200	Temperature (Celsius) +/- 3%	pH +/- 0.1	Oxidation-Reduction Potential (mV) +/- 10mV*	Specific Conductance (umhos/cm) +/- 3%	Turbidity (NTU) +/- 10%*	Dissolved Oxgen (mg/L) +/- 10%*	Sampling DTW (ft) <0.3ft	Flow Rate (ml/min) <250	mL Removed
1205	14.37	7.26	-3	1.87	0.0	1.19	51.62	~200	1000
1210	13.13	6.93	-34	1.85	0.0	0.34	51.62	200	2000
1215	12.73	6.85	-44	1.84	0.0	0.14	51.62	200	3000
1220	12.60	6.80	-50	1.82	569	0.08	51.62	200	4000
1225	12.55	6.78	-55	1.82	202	0.01	51.62	200	5000
1230	12.61	6.76	-57	1.80	76.8	0.00	51.62	200	6000

* Only one (1) of these need to reach stability.

PURGE[1]: Date 10-1-15 Time
SAMPLING: Date 10-1-15 Time 1235

Sample Analysis	Volume	Type	Number of Containers	Preservative Type	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOC 8260	40mL	VOA	3	HCl	N	N/A	—	—

EQUIPMENT DECONTAMINATION PROCEDURES:

DECONTAMINATION METHOD:
☒ Non Phosphatic detergent wash/distilled water rinse
☐ Methanol rinse

NOTES:

Sampler Signature: K. Hemstead

[1]Monitoring wells sampled with a bailer require at least 3 to 5 well volumes to be purged prior to sampling unless the well bails dry prior to the removal of three (3) well volumes. Wells bailed dry should be sampled upon sufficient recovery for collection of samples. Record the time of purging and the time of sampling on the Groundwater Sampling Form.

ENVIRO forensics

GROUNDWATER SAMPLING FORM

602 N. Capital Ave
Indianapolis, IN 46204
T: 317-972-7870 F: 317-972-7875

PROJECT NAME: OHM - Wauwatosa
Well/Surface Station I.D.: MW-4
LOCATION/ADDRESS: 6737 W. Milwaukee Ave Wauwatosa
Sample Designation: 6140 MW-4
PROJECT NO.: 6140
CLIENT/CONTACT: Brian Cas
Personnel: K. Hemstead

WATER LEVEL MEASUREMENTS DURING GAUGING:

Well Depth	57.39 feet
Depth to Water	48.01 feet
Well Diameter	2 inches
Casing Volume	1.5 gallons
Volume Removed	1.8 gallons
Total No. of Casing Volumes Removed	1.2
Date	10-1-2015

Factor * Water Column Height Equals Gallons	
Factor	Diameter
0.163	2" Well
0.653	4" Well
1.469	6" Well
Conversions	
1 mL =	0.0003 gal
1 gal =	3,785 mL

SAMPLING METHOD:

Low-Flow	X
Grab/No-purge	
Bailer	
Peristaltic pump	
Submersible Pump	X
Other	
Was drawdown greater than 0.3 ft? (y/n)	N
Pump Depth (ft below TOC) (if applicable)	

Stability Parameter Readings: Readings every five minutes for at least three readings to achieve stability for ALL parameters except as noted.

Start Time 1105	Temperature (Celsius) +/- 3%	pH +/- 0.1	Oxidation-Reduction Potential (mV) +/- 10mV*	Specific Conductance (umhos/cm) +/- 3%	Turbidity (NTU) +/- 10%*	Dissolved Oxgen (mg/L) +/- 10%*	Sampling DTW (ft) <0.3ft	Flow Rate (ml/min) <250	mL Removed
1110	14.73	5.88	190	6.24	673	1.45	48.14	~200	100cc
1115	13.97	6.56	67	6.30	267	0.85	48.14	200	200cc
1120	13.66	6.68	49	6.33	127	0.53	48.14	200	300cc
1125	13.52	6.72	45	6.38	57.2	0.37	48.14	200	400cc
1130	13.52	6.73	41	6.41	46.2	0.28	48.14	200	500cc
1135	13.52	6.74	33	6.44	29.9	0.22	48.14	200	600cc
1140	13.56	6.74	28	6.45	33.0	0.19	48.14	200	700cc

* Only one (1) of these need to reach stability.

PURGE[1]: Date 10-1-15 Time
SAMPLING: Date 10-1-15 Time 1145

Sample Analysis	Volume	Type	Number of Containers	Preservative Type	Reaction (y/n)	Filter Type	Duplicate	MS/MSD
VOC 8260	40mL	VOA	3	HCl	N	N/A	—	—

EQUIPMENT DECONTAMINATION PROCEDURES:

DECONTAMINATION METHOD:
☒ Non Phosphatic detergent wash/distilled water rinse
☐ Methanol rinse

NOTES:

Sampler Signature:

[1]Monitoring wells sampled with a bailer require at least 3 to 5 well volumes to be purged prior to sampling unless the well bails dry prior to the removal of three (3) well volumes. Wells bailed dry should be sampled upon sufficient recovery for collection of samples. Record the time of purging and the time of sampling on the Groundwater Sampling Form.

Appendix F

Soil Gas Probe Construction Forms

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment [X] Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: OHM Wauwatosa	Local Grid Location of Well: _____ ft. ☐ N. ☐ S. _____ ft. ☐ E. ☐ W.	Well Name: SG- 45
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location [X] Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID: 241287640	St. Plane 389 556.69 ft. N, 2535544.17 ft. E. S/C/N	Date Well Installed: 01/30/2015 (m m d d y y y y)
Type of Well: Well Code 51 / 39	Section Location of Waste/Source: NW 1/4 of SE 1/4 of Sec. 22 T. 7 N, R. 21 [X] E ☐ W	Well Installed By: Name (first, last) and Firm: Tony Kapugi, On-Site Environmental
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number: _____

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation 724.98 ft. MSL

C. Land surface elevation 724.98 ft. MSL

D. Surface seal, bottom _____ ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM [X] GC ☐ GW ☐ SW [X] SP [X]
SM [X] SC ☐ ML [X] MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes [X] No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger [X] 41
Other ☐ ____

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None [X] 99

16. Drilling additives used? ☐ Yes [X] No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or 4.5 ft.

F. Fine sand, top _____ ft. MSL or 4.5 ft.

G. Filter pack, top _____ ft. MSL or 4.5 ft.

H. Screen joint, top _____ ft. MSL or 5 ft.

I. Well bottom _____ ft. MSL or 10 ft.

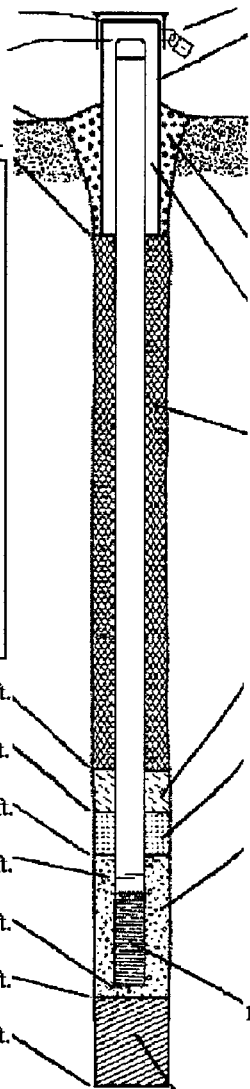
J. Filter pack, bottom _____ ft. MSL or 10 ft.

K. Borehole, bottom _____ ft. MSL or 10 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 1.3 in.

N. I.D. well casing 1 in.



1. Cap and lock? [X] Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 6 in.
b. Length: 8 ft.
c. Material: Steel [X] 04
Other ☐ ____
d. Additional protection? ☐ Yes [X] No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30
Concrete [X] 01
Other ☐ ____

4. Material between well casing and protective pipe:
Bentonite [X] 30
Other ☐ ____

5. Annular space seal: a. Granular/Chipped Bentonite [X] 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. 1.8 Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity [X] 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. [X] 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐ ____

7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added 0 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. _____
b. Volume added 1.7 ft^3

9. Well casing: Flush threaded PVC schedule 40 [X] 23
Flush threaded PVC schedule 80 ☐ 24
Other ☐ ____

10. Screen material: Schedule 40 PVC
a. Screen type: Factory cut [X] 11
Continuous slot ☐ 01
Other ☐ ____
b. Manufacturer _____
c. Slot size: 0.01 in.
d. Slotted length: 5 ft.

11. Backfill material (below filter pack): None [X] 14
Other ☐ ____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____ Firm: EnviroForensics

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: OHM Wauwatosa	Local Grid Location of Well: _____ ft. ☐ N. ☐ S. _____ ft. ☐ E. ☐ W.	Well Name: SG- 4d
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location [X] Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.	DNR Well ID No.
Facility ID: 241287640	St. Plane 389555.17 ft. N, 2535544.17 ft. E. S/C/N	Date Well Installed: 01/30/2015 (m m d d y y y y)
Type of Well Well Code 51 / 9P	Section Location of Waste/Source NW 1/4 of SE 1/4 of Sec. 22, T. 7 N, R. 21 [X] E ☐ W	Well Installed By: Name (first, last) and Firm Tony Kapugi On-Site Environmental
Distance from Waste/Source _____ ft. Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation 724.98 ft. MSL

C. Land surface elevation 724.98 ft. MSL

D. Surface seal, bottom _____ ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM [X] GC ☐ GW ☐ SW [X] SP [X]
SM [X] SC ☐ ML [X] MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes [X] No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger [X] 41
_____ Other ☐

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None [X] 99

16. Drilling additives used? ☐ Yes [X] No

Describe _____

17. Source of water (attach analysis, if required):

_____

E. Bentonite seal, top _____ ft. MSL or 19.5 ft.

F. Fine sand, top _____ ft. MSL or 19.5 ft.

G. Filter pack, top _____ ft. MSL or 19.5 ft.

H. Screen joint, top _____ ft. MSL or 20 ft.

I. Well bottom _____ ft. MSL or 25 ft.

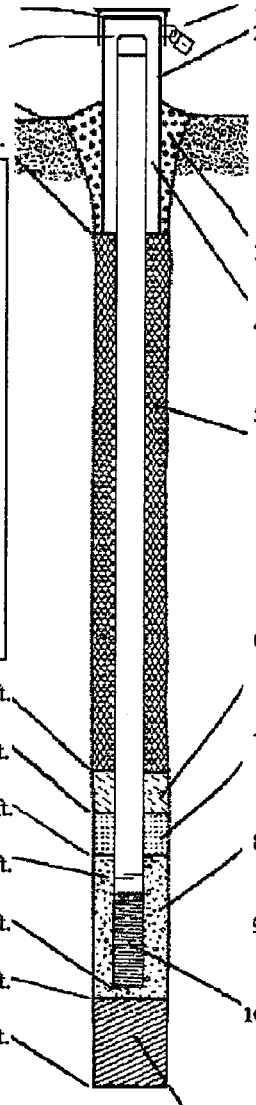
J. Filter pack, bottom _____ ft. MSL or 25 ft.

K. Borehole, bottom _____ ft. MSL or 25 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 1.3 in.

N. I.D. well casing 1 in.



1. Cap and lock? [X] Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 6 in.
b. Length: 8 ft.
c. Material: Steel [X] 04
_____ Other ☐
d. Additional protection? ☐ Yes [X] No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30
Concrete [X] 01
_____ Other ☐

4. Material between well casing and protective pipe:
Bentonite [X] 30
_____ Other ☐

5. Annular space seal: a. Granular/Chipped Bentonite [X] 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. 5.7 Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity [X] 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. [X] 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added 0 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. _____
b. Volume added 1.7 ft^3

9. Well casing: Flush threaded PVC schedule 40 [X] 23
Flush threaded PVC schedule 80 ☐ 24
_____ Other ☐

10. Screen material: Schedule 40 PVC
a. Screen type: Factory cut [X] 11
Continuous slot ☐ 01
_____ Other ☐
b. Manufacturer _____
c. Slot size: 0.01 in.
d. Slotted length: 5 ft.

11. Backfill material (below filter pack): None [X] 14
_____ Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
	EnviroForensics

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: OHM Wauwatosa	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: SG-55
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location [X] Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID: 241287640	St. Plane 389523.87 ft. N, 2535557.83 ft. E. S/C/N	Date Well Installed: 01/30/2015 (m m d d y y y y)
Type of Well: Well Code 51 / 99	Section Location of Waste/Source: NW 1/4 of SE 1/4 of Sec. 22 T. 7 N, R. 21 [X] E ☐ W	Well Installed By: Name (first, last) and Firm: Tony Kapugi, On-Site Environmental
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation 725.44 ft. MSL

C. Land surface elevation 725.44 ft. MSL

D. Surface seal, bottom _____ ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM [X] GC ☐ GW ☐ SW [X] SP [X]
SM [X] SC ☐ ML [X] MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes [X] No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger [X] 41
Other ☐ _____

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None [X] 99

16. Drilling additives used? ☐ Yes [X] No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or 4.5 ft.

F. Fine sand, top _____ ft. MSL or 4.5 ft.

G. Filter pack, top _____ ft. MSL or 4.5 ft.

H. Screen joint, top _____ ft. MSL or 5 ft.

I. Well bottom _____ ft. MSL or 10 ft.

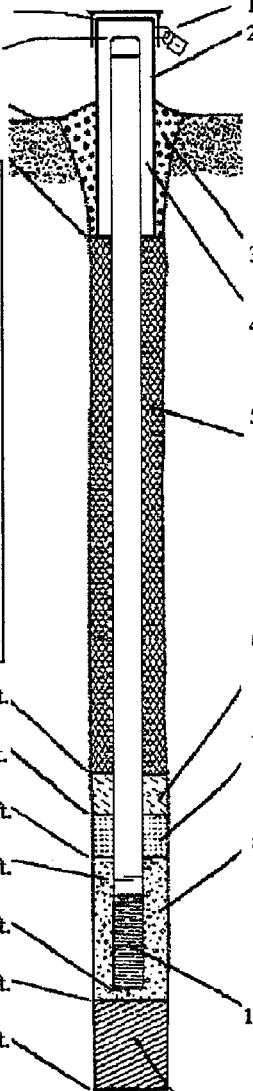
J. Filter pack, bottom _____ ft. MSL or 10 ft.

K. Borehole, bottom _____ ft. MSL or 10 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 1.3 in.

N. I.D. well casing 1 in.



1. Cap and lock? [X] Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 6 in.
b. Length: 8 ft.
c. Material: Steel [X] 04
Other ☐ _____
d. Additional protection? ☐ Yes [X] No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30
Concrete [X] 01
Other ☐ _____

4. Material between well casing and protective pipe:
Bentonite [X] 30
Other ☐ _____

5. Annular space seal: a. Granular/Chipped Bentonite [X] 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. 1.8 Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity [X] 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. [X]3/8 in. ☐1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐ _____

7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added 0 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. _____
b. Volume added 1.7 ft^3

9. Well casing: Flush threaded PVC schedule 40 [X] 23
Flush threaded PVC schedule 80 ☐ 24
Other ☐ _____

10. Screen material: Schedule 40 PVC _____
a. Screen type: Factory cut [X] 11
Continuous slot ☐ 01
Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.01 in.
d. Slotted length: 5 ft.

11. Backfill material (below filter pack): None [X] 14
Other ☐ _____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____ Firm: EnviroForensics

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: OHM Wauwatosa	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: SG- 5d
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location [X] Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID: 241287640	St. Plane 389522.87 ft. N, 2535536.84 ft. E. S/C/N	Date Well Installed: 01/30/2015 (m m d d y y y y)
Type of Well: Well Code 51 / 9P	Section Location of Waste/Source: NW 1/4 of SE 1/4 of Sec. 22 T. 7 N, R. 21 [X] E ☐ W	Well Installed By: Name (first, last) and Firm: Tony Kapugi, On-Site Environmental
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation 725.44 ft. MSL

C. Land surface elevation 725.44 ft. MSL

D. Surface seal, bottom _____ ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM [X] GC ☐ GW ☐ SW [X] SP [X]
SM [X] SC ☐ ML [X] MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes [X] No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger [X] 41
Other ☐ _____

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None [X] 99

16. Drilling additives used? ☐ Yes [X] No

Describe _____

17. Source of water (attach analysis, if required):

_____

E. Bentonite seal, top _____ ft. MSL or 19.5 ft.

F. Fine sand, top _____ ft. MSL or 19.5 ft.

G. Filter pack, top _____ ft. MSL or 19.5 ft.

H. Screen joint, top _____ ft. MSL or 20 ft.

I. Well bottom _____ ft. MSL or 25 ft.

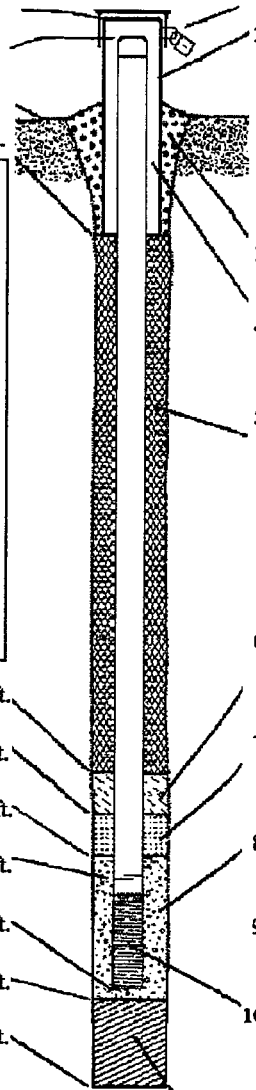
J. Filter pack, bottom _____ ft. MSL or 25 ft.

K. Borehole, bottom _____ ft. MSL or 25 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 1.3 in.

N. I.D. well casing 1 in.



1. Cap and lock? [X] Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 6 in.
b. Length: 8 ft.
c. Material: Steel [X] 04
Other ☐ _____
d. Additional protection? ☐ Yes [X] No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30
Concrete [X] 01
Other ☐ _____
4. Material between well casing and protective pipe:
Bentonite [X] 30
Other ☐ _____
5. Annular space seal: a. Granular/Chipped Bentonite [X] 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. 5.7 Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity [X] 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. [X]3/8 in. ☐1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐ _____
7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added 0 ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. _____
b. Volume added 1.7 ft^3
9. Well casing: Flush threaded PVC schedule 40 [X] 23
Flush threaded PVC schedule 80 ☐ 24
Other ☐ _____
10. Screen material: Schedule 40 PVC
a. Screen type: Factory cut [X] 11
Continuous slot ☐ 01
Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.01 in.
d. Slotted length: 5 ft.
11. Backfill material (below filter pack): None [X] 14
Other ☐ _____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____ Firm: EnviroForensics

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: OHM Wauwatosa	Local Grid Location of Well: _____ ft. ☐ N. ☐ S. _____ ft. ☐ E. ☐ W.	Well Name: SG- 65
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location [X]; Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID: 241287640	St. Plane 389553.79 ft. N, 2535528.80 ft. E. S/C/N	Date Well Installed: 01/30/2015 (m m d d y y y y)
Type of Well: Well Code 51 / 99	Section Location of Waste/Source: NW 1/4 of SE 1/4 of Sec. 22, T. 7 N, R. 21 [X] E ☐ W	Well Installed By: Name (first, last) and Firm: Tony Kapugi, On-Site Environmental
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number: _____

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation 725.36 ft. MSL

C. Land surface elevation 725.36 ft. MSL

D. Surface seal, bottom _____ ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM [X] GC ☐ GW ☐ SW [X] SP [X]
SM [X] SC ☐ ML [X] MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes [X] No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger [X] 41
Other ☐ _____

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None [X] 99

16. Drilling additives used? ☐ Yes [X] No

Describe _____

17. Source of water (attach analysis, if required):

_____

E. Bentonite seal, top _____ ft. MSL or 4.5 ft.

F. Fine sand, top _____ ft. MSL or 4.5 ft.

G. Filter pack, top _____ ft. MSL or 5.5 ft.

H. Screen joint, top _____ ft. MSL or 5 ft.

I. Well bottom _____ ft. MSL or 10 ft.

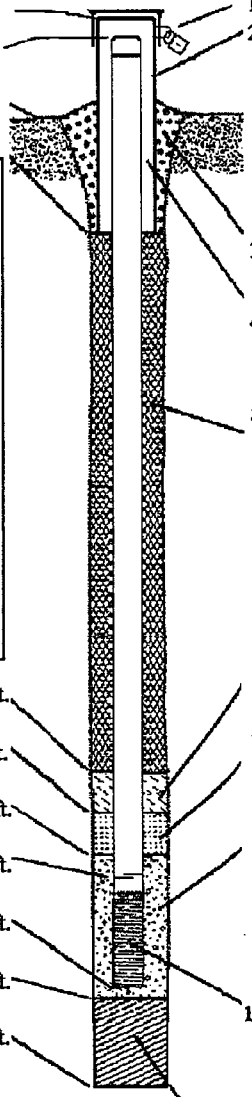
J. Filter pack, bottom _____ ft. MSL or 10 ft.

K. Borehole, bottom _____ ft. MSL or 10 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 1.3 in.

N. I.D. well casing 1 in.



1. Cap and lock? [X] Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 6 in.
b. Length: 8 ft.
c. Material: Steel [X] 04
Other ☐ _____
d. Additional protection? ☐ Yes [X] No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30
Concrete [X] 01
Other ☐ _____

4. Material between well casing and protective pipe:
Bentonite [X] 30
Other ☐ _____

5. Annular space seal: a. Granular/Chipped Bentonite [X] 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. 1.8 Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity [X] 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. [X] 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐ _____

7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added 0 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. _____
b. Volume added 1.7 ft^3

9. Well casing: Flush threaded PVC schedule 40 [X] 23
Flush threaded PVC schedule 80 ☐ 24
Other ☐ _____

10. Screen material: Schedule 40 PVC
a. Screen type: Factory cut [X] 11
Continuous slot ☐ 01
Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.01 in.
d. Slotted length: 5 ft.

11. Backfill material (below filter pack): None [X] 14
Other ☐ _____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
	EnviroForensics

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name OHM Wauwatosa	Local Grid Location of Well _____ ft. ☐ N. ☐ S. _____ ft. ☐ E. ☐ W.	Well Name SG- 6d
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location [X] Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID 241287640	St. Plane 389532.04 ft. N, 2535589.00 ft. E. S/C/N	Date Well Installed 01/30/2015 (m m d d y y y y)
Type of Well Well Code 51 / 99	Section Location of Waste/Source NW 1/4 of SE 1/4 of Sec. 22 T. 7 N, R. 21 [X] E ☐ W	Well Installed By: Name (first, last) and Firm Tony Kapugi On-Site Environmental
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation 725.43 ft. MSL

C. Land surface elevation 725.43 ft. MSL

D. Surface seal, bottom _____ ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM [X] GC ☐ GW ☐ SW [X] SP [X]
SM [X] SC ☐ ML [X] MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes [X] No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger [X] 41
_____ Other ☐

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None [X] 99

16. Drilling additives used? ☐ Yes [X] No

Describe _____

17. Source of water (attach analysis, if required):

_____

E. Bentonite seal, top _____ ft. MSL or 19.5 ft.

F. Fine sand, top _____ ft. MSL or 19.5 ft.

G. Filter pack, top _____ ft. MSL or 19.5 ft.

H. Screen joint, top _____ ft. MSL or 20 ft.

I. Well bottom _____ ft. MSL or 25 ft.

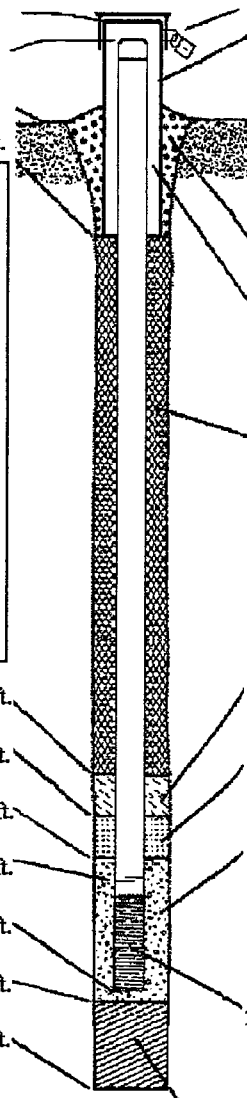
J. Filter pack, bottom _____ ft. MSL or 25 ft.

K. Borehole, bottom _____ ft. MSL or 25 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 1.3 in.

N. I.D. well casing 1 in.



1. Cap and lock? [X] Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 6 in.
b. Length: 8 ft.
c. Material: Steel [X] 04
_____ Other ☐
d. Additional protection? ☐ Yes [X] No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30
Concrete [X] 01
_____ Other ☐

4. Material between well casing and protective pipe:
Bentonite [X] 30
_____ Other ☐

5. Annular space seal: a. Granular/Chipped Bentonite [X] 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. 5.7 Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity [X] 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. [X] 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added 0 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. _____
b. Volume added 1.7 ft^3

9. Well casing: Flush threaded PVC schedule 40 [X] 23
Flush threaded PVC schedule 80 ☐ 24
_____ Other ☐

10. Screen material: Schedule 40 PVC
a. Screen type: Factory cut [X] 11
Continuous slot ☐ 01
_____ Other ☐
b. Manufacturer _____
c. Slot size: 0.01 in.
d. Slotted length: 5 ft.

11. Backfill material (below filter pack): None [X] 14
_____ Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
	EnviroForensics

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: OHM Wauwatosa	Local Grid Location of Well: _____ ft. ☐ N. ☐ S. _____ ft. ☐ E. ☐ W.	Well Name: SG- 75
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location [X] Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. _____ DNR Well ID No. _____
Facility ID: 241287640	St. Plane 389555.10 ft. N, 2535568.26 ft. E. S/C/N	Date Well Installed: 01/30/2015 (m m d d y y y y)
Type of Well Well Code 51 / 99	Section Location of Waste/Source NW 1/4 of SE 1/4 of Sec. 22, T. 7 N, R. 21 [X] E ☐ W	Well Installed By: Name (first, last) and Firm Tony Kapugi On-Site Environmental
Distance from Waste/ Source _____ ft.	Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known
		Gov. Lot Number _____

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation 724.94 ft. MSL
C. Land surface elevation 724.94 ft. MSL
D. Surface seal, bottom _____ ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM [X] GC ☐ GW ☐ SW [X] SP [X]
SM [X] SC ☐ ML [X] MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes [X] No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger [X] 41
Other ☐

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None [X] 99

16. Drilling additives used? ☐ Yes [X] No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or 4.5 ft.
F. Fine sand, top _____ ft. MSL or 4.5 ft.
G. Filter pack, top _____ ft. MSL or 5.5 ft.
H. Screen joint, top _____ ft. MSL or 5 ft.
I. Well bottom _____ ft. MSL or 10 ft.
J. Filter pack, bottom _____ ft. MSL or 10 ft.
K. Borehole, bottom _____ ft. MSL or 10 ft.
L. Borehole, diameter 8 in.
M. O.D. well casing 1.3 in.
N. I.D. well casing 1 in.

1. Cap and lock? [X] Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 6 in.
b. Length: 8 ft.
c. Material: Steel [X] 04
Other ☐
d. Additional protection? ☐ Yes [X] No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30
Concrete [X] 01
Other ☐
4. Material between well casing and protective pipe:
Bentonite [X] 30
Other ☐
5. Annular space seal: a. Granular/Chipped Bentonite [X] 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. 1.8 Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity [X] 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. [X] 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐
7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added 0 ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. _____
b. Volume added 1.7 ft^3
9. Well casing: Flush threaded PVC schedule 40 [X] 23
Flush threaded PVC schedule 80 ☐ 24
Other ☐
10. Screen material: Schedule 40 PVC
a. Screen type: Factory cut [X] 11
Continuous slot ☐ 01
Other ☐
b. Manufacturer _____
c. Slot size: 0.01 in.
d. Slotted length: 5 ft.
11. Backfill material (below filter pack): None [X] 14
Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____ Firm EnviroForensics

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: OHM Wauwatosa	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: SG- 7d
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location [X] Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID: 241287640	St. Plane 389553.21 ft. N, 2535568.27 ft. E. S/C/N	Date Well Installed: 01/30/2015 (m m d d y y y y)
Type of Well: Well Code 51 / 9P	Section Location of Waste/Source: NW 1/4 of SE 1/4 of Sec. 22 T. 7 N. R. 21 [X] E ☐ W	Well Installed By: Name (first, last) and Firm: Tony Kapugi, On-Site Environmental
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation 725.04 ft. MSL
C. Land surface elevation 725.04 ft. MSL
D. Surface seal, bottom _____ ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM [X] GC ☐ GW ☐ SW [X] SP [X]
SM [X] SC ☐ ML [X] MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes [X] No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger [X] 41
Other ☐ _____

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None [X] 99

16. Drilling additives used? ☐ Yes [X] No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or 19.5 ft.
F. Fine sand, top _____ ft. MSL or 19.5 ft.
G. Filter pack, top _____ ft. MSL or 19.5 ft.
H. Screen joint, top _____ ft. MSL or 20 ft.
I. Well bottom _____ ft. MSL or 25 ft.
J. Filter pack, bottom _____ ft. MSL or 25 ft.
K. Borehole, bottom _____ ft. MSL or 25 ft.
L. Borehole, diameter 8 in.
M. O.D. well casing 1.3 in.
N. I.D. well casing 1 in.

1. Cap and lock? [X] Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 6 in.
b. Length: 8 ft.
c. Material: Steel [X] 04 Other ☐ _____
d. Additional protection? ☐ Yes [X] No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30 Concrete [X] 01 Other ☐ _____
4. Material between well casing and protective pipe: Bentonite [X] 30 Other ☐ _____
5. Annular space seal: a. Granular/Chipped Bentonite [X] 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. 5.7 Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 Tremie pumped ☐ 02 Gravity [X] 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. [X]3/8 in. ☐1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐ _____
7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added 0 ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. _____
b. Volume added 1.7 ft^3
9. Well casing: Flush threaded PVC schedule 40 [X] 23 Flush threaded PVC schedule 80 ☐ 24 Other ☐ _____
10. Screen material: Schedule 40 PVC
a. Screen type: Factory cut [X] 11 Continuous slot ☐ 01 Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.01 in.
d. Slotted length: 5 ft.
11. Backfill material (below filter pack): None [X] 14 Other ☐ _____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____ Firm: EnviroForensics

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Appendix G

Laboratory Analytical Reports

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

November 19, 2009

Jeff Carnahan
Enviroforensics
1060 N. Capitol Avenue
Suite E230
Indianapolis, IN 46204

RE: Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Dear Jeff Carnahan:
Enclosed are the analytical results for sample(s) received by the laboratory on November 07, 2009. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Laurie Woelfel

Laurie Woelfel

laurie.woelfel@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Green Bay Certification IDs

California Certification #: 09268CA
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11887
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
1241 Bellevue Street Green Bay, WI 54302

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4025075001	**6140-HA-1 (2-3)**	Solid	11/05/09 17:25	11/07/09 09:25
4025075002	**6140-HA-1 (6-6.5)**	Solid	11/06/09 15:00	11/07/09 09:25
4025075003	**6140-DP-2 (2-4)**	Solid	11/05/09 13:40	11/07/09 09:25
4025075004	**6140-DP-2 (10-12)**	Solid	11/05/09 14:00	11/07/09 09:25
4025075005	**6140-DP-3 (2-4)**	Solid	11/05/09 14:30	11/07/09 09:25
4025075006	**6140-DP-3 (10-12)**	Solid	11/05/09 14:50	11/07/09 09:25
4025075007	**6140-DP-4 (2-4)**	Solid	11/05/09 15:00	11/07/09 09:25
4025075008	**6140-DP-4 (10-12)**	Solid	11/05/09 15:50	11/07/09 09:25
4025075009	**6140-DP-4 (14-16)**	Solid	11/05/09 16:25	11/07/09 09:25
4025075010	**6140-DP-5 (2-4)**	Solid	11/05/09 16:50	11/07/09 09:25
4025075011	**6140-DP-5 (10-12)**	Solid	11/05/09 17:10	11/07/09 09:25
4025075012	**6140-DUP**	Solid	11/05/09 00:00	11/07/09 09:25
4025075013	**6140 FIELD BLANK**	Water	11/05/09 17:40	11/07/09 09:25
4025075014	**TRIP BLANK**	Water	11/05/09 17:40	11/07/09 09:25

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4025075001	**6140-HA-1 (2-3)**	ASTM D2974-87	AME	1	PASI-G
		EPA 8260	JJB	64	PASI-G
4025075002	**6140-HA-1 (6-6.5)**	ASTM D2974-87	AME	1	PASI-G
		EPA 8260	JJB	64	PASI-G
4025075003	**6140-DP-2 (2-4)**	ASTM D2974-87	AME	1	PASI-G
		EPA 8260	JJB	64	PASI-G
4025075004	**6140-DP-2 (10-12)**	ASTM D2974-87	AME	1	PASI-G
		EPA 8260	JJB	64	PASI-G
4025075005	**6140-DP-3 (2-4)**	ASTM D2974-87	AME	1	PASI-G
		EPA 8260	JJB	64	PASI-G
4025075006	**6140-DP-3 (10-12)**	ASTM D2974-87	AME	1	PASI-G
		EPA 8260	JJB	64	PASI-G
4025075007	**6140-DP-4 (2-4)**	ASTM D2974-87	AME	1	PASI-G
		EPA 8260	JJB	64	PASI-G
4025075008	**6140-DP-4 (10-12)**	ASTM D2974-87	AME	1	PASI-G
		EPA 8260	JJB	64	PASI-G
4025075009	**6140-DP-4 (14-16)**	ASTM D2974-87	AME	1	PASI-G
		EPA 8260	JJB	64	PASI-G
4025075010	**6140-DP-5 (2-4)**	ASTM D2974-87	AME	1	PASI-G
		EPA 8260	JJB	64	PASI-G
4025075011	**6140-DP-5 (10-12)**	ASTM D2974-87	AME	1	PASI-G
		EPA 8260	JJB	64	PASI-G
4025075012	**6140-DUP**	ASTM D2974-87	AME	1	PASI-G
		EPA 8260	JJB	64	PASI-G
4025075013	**6140 FIELD BLANK**	EPA 8260	SMT	64	PASI-G
4025075014	**TRIP BLANK**	EPA 8260	SMT	64	PASI-G

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Sample: 6140-HA-1 (2-3) **Lab ID: 4025075001** Collected: 11/05/09 17:25 Received: 11/07/09 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	95-63-6	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/11/09 12:21	11/11/09 13:16	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/11/09 12:21	11/11/09 13:16	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/11/09 12:21	11/11/09 13:16	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/11/09 12:21	11/11/09 13:16	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	75-09-2	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	100-42-5	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Sample: 6140-HA-1 (2-3) **Lab ID: 4025075001** Collected: 11/05/09 17:25 Received: 11/07/09 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**48.6J**	ug/kg	67.6	28.1	1	11/11/09 12:21	11/11/09 13:16	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/11/09 12:21	11/11/09 13:16	1330-20-7	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/11/09 12:21	11/11/09 13:16	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:16	10061-02-6	W
Dibromofluoromethane (S)	131	%	70-150		1	11/11/09 12:21	11/11/09 13:16	1868-53-7	
Toluene-d8 (S)	121	%	70-155		1	11/11/09 12:21	11/11/09 13:16	2037-26-5	
4-Bromofluorobenzene (S)	113	%	70-147		1	11/11/09 12:21	11/11/09 13:16	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.2**	%	0.10	0.10	1		11/13/09 08:07		

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ANALYTICAL RESULTS

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Sample: 6140-HA-1 (6-6.5) **Lab ID: 4025075002** Collected: 11/06/09 15:00 Received: 11/07/09 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	95-63-6	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/11/09 12:21	11/11/09 13:40	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/11/09 12:21	11/11/09 13:40	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/11/09 12:21	11/11/09 13:40	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/11/09 12:21	11/11/09 13:40	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	75-09-2	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Sample: 6140-HA-1 (6-6.5) **Lab ID: 4025075002** Collected: 11/06/09 15:00 Received: 11/07/09 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**113**	ug/kg	70.5	29.4	1	11/11/09 12:21	11/11/09 13:40	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/11/09 12:21	11/11/09 13:40	1330-20-7	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/11/09 12:21	11/11/09 13:40	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 13:40	10061-02-6	W
Dibromofluoromethane (S)	121	%	70-150		1	11/11/09 12:21	11/11/09 13:40	1868-53-7	
Toluene-d8 (S)	117	%	70-155		1	11/11/09 12:21	11/11/09 13:40	2037-26-5	
4-Bromofluorobenzene (S)	107	%	70-147		1	11/11/09 12:21	11/11/09 13:40	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.9**	%	0.10	0.10	1		11/13/09 08:08		

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ANALYTICAL RESULTS

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Sample: 6140-DP-2 (2-4) **Lab ID: 4025075003** Collected: 11/05/09 13:40 Received: 11/07/09 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	95-63-6	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/11/09 12:21	11/11/09 14:03	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/11/09 12:21	11/11/09 14:03	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/11/09 12:21	11/11/09 14:03	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/11/09 12:21	11/11/09 14:03	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	75-09-2	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Sample: 6140-DP-2 (2-4) **Lab ID: 4025075003** Collected: 11/05/09 13:40 Received: 11/07/09 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**196**	ug/kg	63.9	26.6	1	11/11/09 12:21	11/11/09 14:03	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/11/09 12:21	11/11/09 14:03	1330-20-7	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/11/09 12:21	11/11/09 14:03	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:03	10061-02-6	W
Dibromofluoromethane (S)	112	%	70-150		1	11/11/09 12:21	11/11/09 14:03	1868-53-7	
Toluene-d8 (S)	107	%	70-155		1	11/11/09 12:21	11/11/09 14:03	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-147		1	11/11/09 12:21	11/11/09 14:03	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**6.1**	%	0.10	0.10	1		11/13/09 08:08		

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1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Sample: 6140-DP-2 (10-12) **Lab ID: 4025075004** Collected: 11/05/09 14:00 Received: 11/07/09 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	95-63-6	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/11/09 12:21	11/11/09 14:26	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/11/09 12:21	11/11/09 14:26	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/11/09 12:21	11/11/09 14:26	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/11/09 12:21	11/11/09 14:26	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	75-09-2	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Sample: 6140-DP-2 (10-12) **Lab ID: 4025075004** Collected: 11/05/09 14:00 Received: 11/07/09 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**183**	ug/kg	64.7	27.0	1	11/11/09 12:21	11/11/09 14:26	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/11/09 12:21	11/11/09 14:26	1330-20-7	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/11/09 12:21	11/11/09 14:26	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:26	10061-02-6	W
Dibromofluoromethane (S)	113	%	70-150		1	11/11/09 12:21	11/11/09 14:26	1868-53-7	
Toluene-d8 (S)	110	%	70-155		1	11/11/09 12:21	11/11/09 14:26	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-147		1	11/11/09 12:21	11/11/09 14:26	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**7.3**	%	0.10	0.10	1		11/13/09 08:08		

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ANALYTICAL RESULTS

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Sample: 6140-DP-3 (2-4) **Lab ID: 4025075005** Collected: 11/05/09 14:30 Received: 11/07/09 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	95-63-6	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/11/09 12:21	11/11/09 14:49	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/11/09 12:21	11/11/09 14:49	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/11/09 12:21	11/11/09 14:49	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/11/09 12:21	11/11/09 14:49	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	75-09-2	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Sample: 6140-DP-3 (2-4) **Lab ID: 4025075005** Collected: 11/05/09 14:30 Received: 11/07/09 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/11/09 12:21	11/11/09 14:49	1330-20-7	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/11/09 12:21	11/11/09 14:49	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 14:49	10061-02-6	W
Dibromofluoromethane (S)	115	%	70-150		1	11/11/09 12:21	11/11/09 14:49	1868-53-7	
Toluene-d8 (S)	108	%	70-155		1	11/11/09 12:21	11/11/09 14:49	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-147		1	11/11/09 12:21	11/11/09 14:49	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.8**	%	0.10	0.10	1		11/13/09 08:08		

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1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Sample: 6140-DP-3 (10-12) **Lab ID: 4025075006** Collected: 11/05/09 14:50 Received: 11/07/09 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	95-63-6	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/11/09 12:21	11/11/09 15:13	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/11/09 12:21	11/11/09 15:13	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/11/09 12:21	11/11/09 15:13	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/11/09 12:21	11/11/09 15:13	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	75-09-2	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Sample: 6140-DP-3 (10-12) **Lab ID: 4025075006** Collected: 11/05/09 14:50 Received: 11/07/09 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**53.2J**	ug/kg	64.7	27.0	1	11/11/09 12:21	11/11/09 15:13	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/11/09 12:21	11/11/09 15:13	1330-20-7	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/11/09 12:21	11/11/09 15:13	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:13	10061-02-6	W
Dibromofluoromethane (S)	113	%	70-150		1	11/11/09 12:21	11/11/09 15:13	1868-53-7	
Toluene-d8 (S)	104	%	70-155		1	11/11/09 12:21	11/11/09 15:13	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-147		1	11/11/09 12:21	11/11/09 15:13	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**7.3**	%	0.10	0.10	1		11/13/09 08:09		

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ANALYTICAL RESULTS

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Sample: 6140-DP-4 (2-4) **Lab ID: 4025075007** Collected: 11/05/09 15:00 Received: 11/07/09 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	95-63-6	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/11/09 12:21	11/11/09 15:36	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/11/09 12:21	11/11/09 15:36	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/11/09 12:21	11/11/09 15:36	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/11/09 12:21	11/11/09 15:36	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	75-09-2	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Sample: 6140-DP-4 (2-4) **Lab ID: 4025075007** Collected: 11/05/09 15:00 Received: 11/07/09 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**357**	ug/kg	68.0	28.3	1	11/11/09 12:21	11/11/09 15:36	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/11/09 12:21	11/11/09 15:36	1330-20-7	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/11/09 12:21	11/11/09 15:36	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:36	10061-02-6	W
Dibromofluoromethane (S)	130	%	70-150		1	11/11/09 12:21	11/11/09 15:36	1868-53-7	
Toluene-d8 (S)	121	%	70-155		1	11/11/09 12:21	11/11/09 15:36	2037-26-5	
4-Bromofluorobenzene (S)	113	%	70-147		1	11/11/09 12:21	11/11/09 15:36	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.7**	%	0.10	0.10	1		11/13/09 08:09		

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1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Sample: 6140-DP-4 (10-12) **Lab ID: 4025075008** Collected: 11/05/09 15:50 Received: 11/07/09 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	95-63-6	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/11/09 12:21	11/11/09 15:59	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/11/09 12:21	11/11/09 15:59	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/11/09 12:21	11/11/09 15:59	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/11/09 12:21	11/11/09 15:59	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	75-09-2	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Sample: 6140-DP-4 (10-12) **Lab ID: 4025075008** Collected: 11/05/09 15:50 Received: 11/07/09 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**214**	ug/kg	65.3	27.2	1	11/11/09 12:21	11/11/09 15:59	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	75-01-4	W
cis-1,2-Dichloroethene	**28.9J**	ug/kg	65.3	27.2	1	11/11/09 12:21	11/11/09 15:59	156-59-2	
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/11/09 12:21	11/11/09 15:59	1330-20-7	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/11/09 12:21	11/11/09 15:59	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 15:59	10061-02-6	W
Dibromofluoromethane (S)	114	%	70-150		1	11/11/09 12:21	11/11/09 15:59	1868-53-7	
Toluene-d8 (S)	108	%	70-155		1	11/11/09 12:21	11/11/09 15:59	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-147		1	11/11/09 12:21	11/11/09 15:59	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**8.1**	%	0.10	0.10	1		11/13/09 08:09		

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ANALYTICAL RESULTS

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Sample: 6140-DP-4 (14-16) **Lab ID: 4025075009** Collected: 11/05/09 16:25 Received: 11/07/09 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	95-63-6	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/11/09 12:21	11/11/09 12:30	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/11/09 12:21	11/11/09 12:30	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/11/09 12:21	11/11/09 12:30	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/11/09 12:21	11/11/09 12:30	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	75-09-2	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Sample: 6140-DP-4 (14-16) **Lab ID: 4025075009** Collected: 11/05/09 16:25 Received: 11/07/09 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**131**	ug/kg	62.1	25.9	1	11/11/09 12:21	11/11/09 12:30	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/11/09 12:21	11/11/09 12:30	1330-20-7	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/11/09 12:21	11/11/09 12:30	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 12:30	10061-02-6	W
Dibromofluoromethane (S)	121	%	70-150		1	11/11/09 12:21	11/11/09 12:30	1868-53-7	
Toluene-d8 (S)	114	%	70-155		1	11/11/09 12:21	11/11/09 12:30	2037-26-5	
4-Bromofluorobenzene (S)	104	%	70-147		1	11/11/09 12:21	11/11/09 12:30	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**3.4**	%	0.10	0.10	1		11/13/09 08:09		

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1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Sample: 6140-DP-5 (2-4) **Lab ID: 4025075010** Collected: 11/05/09 16:50 Received: 11/07/09 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	95-63-6	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/11/09 12:21	11/11/09 16:22	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/11/09 12:21	11/11/09 16:22	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/11/09 12:21	11/11/09 16:22	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/11/09 12:21	11/11/09 16:22	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	75-09-2	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Sample: 6140-DP-5 (2-4) **Lab ID: 4025075010** Collected: 11/05/09 16:50 Received: 11/07/09 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/11/09 12:21	11/11/09 16:22	1330-20-7	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/11/09 12:21	11/11/09 16:22	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:22	10061-02-6	W
Dibromofluoromethane (S)	118	%	70-150		1	11/11/09 12:21	11/11/09 16:22	1868-53-7	
Toluene-d8 (S)	116	%	70-155		1	11/11/09 12:21	11/11/09 16:22	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-147		1	11/11/09 12:21	11/11/09 16:22	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**7.0**	%	0.10	0.10	1		11/13/09 08:09		

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ANALYTICAL RESULTS

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Sample: 6140-DP-5 (10-12) **Lab ID: 4025075011** Collected: 11/05/09 17:10 Received: 11/07/09 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	95-63-6	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/11/09 12:21	11/11/09 16:45	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/11/09 12:21	11/11/09 16:45	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/11/09 12:21	11/11/09 16:45	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/11/09 12:21	11/11/09 16:45	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	75-09-2	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Sample: 6140-DP-5 (10-12) **Lab ID: 4025075011** Collected: 11/05/09 17:10 Received: 11/07/09 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**31.8J**	ug/kg	71.4	29.7	1	11/11/09 12:21	11/11/09 16:45	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/11/09 12:21	11/11/09 16:45	1330-20-7	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/11/09 12:21	11/11/09 16:45	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 16:45	10061-02-6	W
Dibromofluoromethane (S)	115	%	70-150		1	11/11/09 12:21	11/11/09 16:45	1868-53-7	
Toluene-d8 (S)	105	%	70-155		1	11/11/09 12:21	11/11/09 16:45	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-147		1	11/11/09 12:21	11/11/09 16:45	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**16.0**	%	0.10	0.10	1		11/13/09 08:09		

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ANALYTICAL RESULTS

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Sample: 6140-DUP **Lab ID: 4025075012** Collected: 11/05/09 00:00 Received: 11/07/09 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	95-63-6	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/11/09 12:21	11/11/09 17:09	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/11/09 12:21	11/11/09 17:09	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/11/09 12:21	11/11/09 17:09	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/11/09 12:21	11/11/09 17:09	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	75-09-2	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Sample: 6140-DUP **Lab ID: 4025075012** Collected: 11/05/09 00:00 Received: 11/07/09 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**86.9**	ug/kg	69.7	29.1	1	11/11/09 12:21	11/11/09 17:09	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/11/09 12:21	11/11/09 17:09	1330-20-7	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/11/09 12:21	11/11/09 17:09	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/11/09 12:21	11/11/09 17:09	10061-02-6	W
Dibromofluoromethane (S)	125	%	70-150		1	11/11/09 12:21	11/11/09 17:09	1868-53-7	
Toluene-d8 (S)	116	%	70-155		1	11/11/09 12:21	11/11/09 17:09	2037-26-5	
4-Bromofluorobenzene (S)	108	%	70-147		1	11/11/09 12:21	11/11/09 17:09	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.9**	%	0.10	0.10	1		11/13/09 08:09		

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ANALYTICAL RESULTS

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Sample: 6140 FIELD BLANK **Lab ID: 4025075013** Collected: 11/05/09 17:40 Received: 11/07/09 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		11/11/09 11:01	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		11/11/09 11:01	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		11/11/09 11:01	74-97-5	
Bromodichloromethane	**2.3**	ug/L	1.0	0.56	1		11/11/09 11:01	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		11/11/09 11:01	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		11/11/09 11:01	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		11/11/09 11:01	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		11/11/09 11:01	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/11/09 11:01	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		11/11/09 11:01	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		11/11/09 11:01	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		11/11/09 11:01	75-00-3	
Chloroform	**5.5**	ug/L	5.0	1.3	1		11/11/09 11:01	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		11/11/09 11:01	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		11/11/09 11:01	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		11/11/09 11:01	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		11/11/09 11:01	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		11/11/09 11:01	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		11/11/09 11:01	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		11/11/09 11:01	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		11/11/09 11:01	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		11/11/09 11:01	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		11/11/09 11:01	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		11/11/09 11:01	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		11/11/09 11:01	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		11/11/09 11:01	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		11/11/09 11:01	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		11/11/09 11:01	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		11/11/09 11:01	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		11/11/09 11:01	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		11/11/09 11:01	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		11/11/09 11:01	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		11/11/09 11:01	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		11/11/09 11:01	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		11/11/09 11:01	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		11/11/09 11:01	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		11/11/09 11:01	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		11/11/09 11:01	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		11/11/09 11:01	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		11/11/09 11:01	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		11/11/09 11:01	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		11/11/09 11:01	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		11/11/09 11:01	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		11/11/09 11:01	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		11/11/09 11:01	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		11/11/09 11:01	630-20-6	

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ANALYTICAL RESULTS

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Sample: 6140 FIELD BLANK **Lab ID: 4025075013** Collected: 11/05/09 17:40 Received: 11/07/09 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		11/11/09 11:01	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		11/11/09 11:01	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		11/11/09 11:01	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		11/11/09 11:01	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	1.0	0.97	1		11/11/09 11:01	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		11/11/09 11:01	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		11/11/09 11:01	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		11/11/09 11:01	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		11/11/09 11:01	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		11/11/09 11:01	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/11/09 11:01	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		11/11/09 11:01	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		11/11/09 11:01	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		11/11/09 11:01	1330-20-7	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		11/11/09 11:01	95-47-6	
4-Bromofluorobenzene (S)	83	%	70-130		1		11/11/09 11:01	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		11/11/09 11:01	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		11/11/09 11:01	2037-26-5	

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ANALYTICAL RESULTS

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Sample: TRIP BLANK **Lab ID: 4025075014** Collected: 11/05/09 17:40 Received: 11/07/09 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		11/11/09 11:24	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		11/11/09 11:24	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		11/11/09 11:24	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		11/11/09 11:24	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		11/11/09 11:24	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		11/11/09 11:24	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		11/11/09 11:24	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		11/11/09 11:24	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/11/09 11:24	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		11/11/09 11:24	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		11/11/09 11:24	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		11/11/09 11:24	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/11/09 11:24	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		11/11/09 11:24	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		11/11/09 11:24	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		11/11/09 11:24	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		11/11/09 11:24	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		11/11/09 11:24	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		11/11/09 11:24	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		11/11/09 11:24	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		11/11/09 11:24	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		11/11/09 11:24	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		11/11/09 11:24	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		11/11/09 11:24	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		11/11/09 11:24	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		11/11/09 11:24	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		11/11/09 11:24	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		11/11/09 11:24	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		11/11/09 11:24	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		11/11/09 11:24	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		11/11/09 11:24	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		11/11/09 11:24	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		11/11/09 11:24	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		11/11/09 11:24	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		11/11/09 11:24	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		11/11/09 11:24	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		11/11/09 11:24	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		11/11/09 11:24	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		11/11/09 11:24	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		11/11/09 11:24	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		11/11/09 11:24	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		11/11/09 11:24	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		11/11/09 11:24	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		11/11/09 11:24	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		11/11/09 11:24	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		11/11/09 11:24	630-20-6	

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ANALYTICAL RESULTS

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

Sample: TRIP BLANK **Lab ID: 4025075014** Collected: 11/05/09 17:40 Received: 11/07/09 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		11/11/09 11:24	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		11/11/09 11:24	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		11/11/09 11:24	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		11/11/09 11:24	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	1.0	0.97	1		11/11/09 11:24	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		11/11/09 11:24	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		11/11/09 11:24	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		11/11/09 11:24	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		11/11/09 11:24	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		11/11/09 11:24	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/11/09 11:24	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		11/11/09 11:24	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		11/11/09 11:24	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		11/11/09 11:24	1330-20-7	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		11/11/09 11:24	95-47-6	
4-Bromofluorobenzene (S)	84	%	70-130		1		11/11/09 11:24	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		11/11/09 11:24	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		11/11/09 11:24	2037-26-5	

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QUALITY CONTROL DATA

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

QC Batch: MSV/6061 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 4025075013, 4025075014

METHOD BLANK: 232713 Matrix: Water
Associated Lab Samples: 4025075013, 4025075014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.92	1.0	11/11/09 07:02	
1,1,1-Trichloroethane	ug/L	<0.90	1.0	11/11/09 07:02	
1,1,2,2-Tetrachloroethane	ug/L	<0.20	1.0	11/11/09 07:02	
1,1,2-Trichloroethane	ug/L	<0.42	1.0	11/11/09 07:02	
1,1-Dichloroethane	ug/L	<0.75	1.0	11/11/09 07:02	
1,1-Dichloroethene	ug/L	<0.57	1.0	11/11/09 07:02	
1,1-Dichloropropene	ug/L	<0.75	1.0	11/11/09 07:02	
1,2,3-Trichlorobenzene	ug/L	<0.74	1.0	11/11/09 07:02	
1,2,3-Trichloropropane	ug/L	<0.99	1.0	11/11/09 07:02	
1,2,4-Trichlorobenzene	ug/L	<0.97	1.0	11/11/09 07:02	
1,2,4-Trimethylbenzene	ug/L	<0.97	1.0	11/11/09 07:02	
1,2-Dibromo-3-chloropropane	ug/L	<1.7	5.0	11/11/09 07:02	
1,2-Dibromoethane (EDB)	ug/L	<0.56	1.0	11/11/09 07:02	
1,2-Dichlorobenzene	ug/L	<0.83	1.0	11/11/09 07:02	
1,2-Dichloroethane	ug/L	<0.36	1.0	11/11/09 07:02	
1,2-Dichloropropane	ug/L	<0.49	1.0	11/11/09 07:02	
1,3,5-Trimethylbenzene	ug/L	<0.83	1.0	11/11/09 07:02	
1,3-Dichlorobenzene	ug/L	<0.87	1.0	11/11/09 07:02	
1,3-Dichloropropane	ug/L	<0.61	1.0	11/11/09 07:02	
1,4-Dichlorobenzene	ug/L	<0.95	1.0	11/11/09 07:02	
2,2-Dichloropropane	ug/L	<0.62	1.0	11/11/09 07:02	
2-Chlorotoluene	ug/L	<0.85	1.0	11/11/09 07:02	
4-Chlorotoluene	ug/L	<0.74	1.0	11/11/09 07:02	
Benzene	ug/L	<0.41	1.0	11/11/09 07:02	
Bromobenzene	ug/L	<0.82	1.0	11/11/09 07:02	
Bromochloromethane	ug/L	<0.97	1.0	11/11/09 07:02	
Bromodichloromethane	ug/L	<0.56	1.0	11/11/09 07:02	
Bromoform	ug/L	<0.94	1.0	11/11/09 07:02	
Bromomethane	ug/L	<0.91	1.0	11/11/09 07:02	
Carbon tetrachloride	ug/L	<0.49	1.0	11/11/09 07:02	
Chlorobenzene	ug/L	<0.41	1.0	11/11/09 07:02	
Chloroethane	ug/L	<0.97	1.0	11/11/09 07:02	
Chloroform	ug/L	<1.3	5.0	11/11/09 07:02	
Chloromethane	ug/L	<0.24	1.0	11/11/09 07:02	
cis-1,2-Dichloroethene	ug/L	<0.83	1.0	11/11/09 07:02	
cis-1,3-Dichloropropene	ug/L	<0.20	1.0	11/11/09 07:02	
Dibromochloromethane	ug/L	<0.81	1.0	11/11/09 07:02	
Dibromomethane	ug/L	<0.60	1.0	11/11/09 07:02	
Dichlorodifluoromethane	ug/L	<0.99	1.0	11/11/09 07:02	
Diisopropyl ether	ug/L	<0.76	1.0	11/11/09 07:02	
Ethylbenzene	ug/L	<0.54	1.0	11/11/09 07:02	
Hexachloro-1,3-butadiene	ug/L	<0.67	5.0	11/11/09 07:02	
Isopropylbenzene (Cumene)	ug/L	<0.59	1.0	11/11/09 07:02	

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QUALITY CONTROL DATA

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

METHOD BLANK: 232713 Matrix: Water

Associated Lab Samples: 4025075013, 4025075014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/L	<1.8	2.0	11/11/09 07:02	
Methyl-tert-butyl ether	ug/L	<0.61	1.0	11/11/09 07:02	
Methylene Chloride	ug/L	<0.43	1.0	11/11/09 07:02	
n-Butylbenzene	ug/L	<0.93	1.0	11/11/09 07:02	
n-Propylbenzene	ug/L	<0.81	1.0	11/11/09 07:02	
Naphthalene	ug/L	<0.89	5.0	11/11/09 07:02	
o-Xylene	ug/L	<0.83	1.0	11/11/09 07:02	
p-Isopropyltoluene	ug/L	<0.67	1.0	11/11/09 07:02	
sec-Butylbenzene	ug/L	<0.89	5.0	11/11/09 07:02	
Styrene	ug/L	<0.86	1.0	11/11/09 07:02	
tert-Butylbenzene	ug/L	<0.97	1.0	11/11/09 07:02	
Tetrachloroethene	ug/L	<0.45	1.0	11/11/09 07:02	
Toluene	ug/L	<0.67	1.0	11/11/09 07:02	
trans-1,2-Dichloroethene	ug/L	<0.89	1.0	11/11/09 07:02	
trans-1,3-Dichloropropene	ug/L	<0.19	1.0	11/11/09 07:02	
Trichloroethene	ug/L	<0.48	1.0	11/11/09 07:02	
Trichlorofluoromethane	ug/L	<0.79	1.0	11/11/09 07:02	
Vinyl chloride	ug/L	<0.18	1.0	11/11/09 07:02	
4-Bromofluorobenzene (S)	%	85	70-130	11/11/09 07:02	
Dibromofluoromethane (S)	%	95	70-130	11/11/09 07:02	
Toluene-d8 (S)	%	95	70-130	11/11/09 07:02	

LABORATORY CONTROL SAMPLE & LCSD: 232714 232715

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	53.5	54.1	107	108	70-132	1	20	
1,1,2,2-Tetrachloroethane	ug/L	50	50.7	52.0	101	104	69-130	3	20	
1,1,2-Trichloroethane	ug/L	50	54.1	54.8	108	110	70-130	1	20	
1,1-Dichloroethane	ug/L	50	53.0	53.7	106	107	70-130	1	20	
1,1-Dichloroethene	ug/L	50	58.0	59.2	116	118	70-130	2	20	
1,2-Dichloroethane	ug/L	50	52.3	52.8	105	106	70-134	1	20	
1,2-Dichloropropane	ug/L	50	53.0	52.2	106	104	70-130	1	20	
Benzene	ug/L	50	56.8	57.7	114	115	70-131	2	20	
Bromodichloromethane	ug/L	50	50.5	49.2	101	98	70-130	3	20	
Bromoform	ug/L	50	41.4	41.0	83	82	70-130	1	20	
Bromomethane	ug/L	50	57.8	58.2	116	116	23-200	.7	20	
Carbon tetrachloride	ug/L	50	53.1	54.5	106	109	70-144	3	20	
Chlorobenzene	ug/L	50	52.8	53.4	106	107	70-130	1	20	
Chloroethane	ug/L	50	59.7	60.8	119	122	70-136	2	20	
Chloroform	ug/L	50	54.8	55.2	110	110	70-130	.7	20	
Chloromethane	ug/L	50	52.0	52.4	104	105	54-148	.7	20	
cis-1,2-Dichloroethene	ug/L	50	55.0	55.3	110	111	70-130	.5	20	
cis-1,3-Dichloropropene	ug/L	50	52.2	51.7	104	103	70-130	.8	20	
Dibromochloromethane	ug/L	50	46.3	47.2	93	94	70-130	2	20	
Ethylbenzene	ug/L	50	55.1	55.9	110	112	70-130	1	20	

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QUALITY CONTROL DATA

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

LABORATORY CONTROL SAMPLE & LCSD: 232714 232715

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/L	100	111	112	111	112	70-130	.8	20	
Methylene Chloride	ug/L	50	57.6	58.0	115	116	66-130	.8	20	
o-Xylene	ug/L	50	54.6	53.8	109	108	70-130	2	20	
Styrene	ug/L	50	48.8	49.8	98	100	70-130	2	20	
Tetrachloroethene	ug/L	50	51.2	51.5	102	103	75-130	.7	20	
Toluene	ug/L	50	54.3	55.5	109	111	70-130	2	20	
trans-1,2-Dichloroethene	ug/L	50	56.8	57.0	114	114	70-130	.4	20	
trans-1,3-Dichloropropene	ug/L	50	45.0	46.2	90	92	70-130	2	20	
Trichloroethene	ug/L	50	54.6	53.9	109	108	70-130	1	20	
Vinyl chloride	ug/L	50	56.3	56.5	113	113	63-141	.3	20	
4-Bromofluorobenzene (S)	%				87	87	70-130			
Dibromofluoromethane (S)	%				96	96	70-130			
Toluene-d8 (S)	%				97	96	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 233380 233381

Parameter	Units	4025108004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.90	50	50	54.7	55.1	109	110	70-137	.7	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.20	50	50	52.3	52.6	105	105	67-130	.5	20	
1,1,2-Trichloroethane	ug/L	<0.42	50	50	53.9	54.1	108	108	70-130	.4	20	
1,1-Dichloroethane	ug/L	<0.75	50	50	54.4	55.1	109	110	70-130	1	20	
1,1-Dichloroethene	ug/L	<0.57	50	50	59.5	59.6	119	119	70-130	.2	20	
1,2-Dichloroethane	ug/L	<0.36	50	50	53.1	53.1	106	106	69-134	.02	20	
1,2-Dichloropropane	ug/L	<0.49	50	50	52.7	53.1	105	106	70-130	.7	20	
Benzene	ug/L	<0.41	50	50	58.4	58.6	117	117	69-131	.3	20	
Bromodichloromethane	ug/L	<0.56	50	50	51.1	49.6	102	99	70-130	3	20	
Bromoform	ug/L	<0.94	50	50	41.1	39.4	82	79	68-130	4	20	
Bromomethane	ug/L	<0.91	50	50	59.3	53.0	119	106	22-200	11	20	
Carbon tetrachloride	ug/L	<0.49	50	50	55.3	54.8	111	110	70-144	1	20	
Chlorobenzene	ug/L	<0.41	50	50	52.6	52.9	105	106	70-130	.7	20	
Chloroethane	ug/L	<0.97	50	50	60.7	61.5	121	123	66-136	1	20	
Chloroform	ug/L	<1.3	50	50	56.4	55.5	113	111	70-130	2	20	
Chloromethane	ug/L	<0.24	50	50	51.5	51.9	103	104	54-148	.7	20	
cis-1,2-Dichloroethene	ug/L	<0.83	50	50	56.3	56.6	113	113	70-130	.5	20	
cis-1,3-Dichloropropene	ug/L	<0.20	50	50	52.0	47.9	104	96	70-130	8	20	
Dibromochloromethane	ug/L	<0.81	50	50	47.2	45.6	94	91	70-130	4	20	
Ethylbenzene	ug/L	<0.54	50	50	55.1	55.7	110	111	70-130	.9	20	
m&p-Xylene	ug/L	<1.8	100	100	109	112	109	112	70-130	3	20	
Methylene Chloride	ug/L	0.97J	50	50	59.0	59.1	116	116	64-130	.2	20	
o-Xylene	ug/L	<0.83	50	50	52.7	54.2	105	108	70-130	3	20	
Styrene	ug/L	<0.86	50	50	42.8	47.3	86	95	43-130	10	20	
Tetrachloroethene	ug/L	11.7	50	50	63.0	63.1	103	103	70-130	.1	20	
Toluene	ug/L	<0.67	50	50	54.7	54.9	109	110	70-130	.4	20	
trans-1,2-Dichloroethene	ug/L	<0.89	50	50	58.6	58.3	117	117	70-130	.5	20	
trans-1,3-Dichloropropene	ug/L	<0.19	50	50	45.4	42.4	91	85	70-130	7	20	
Trichloroethene	ug/L	<0.48	50	50	54.1	54.6	108	109	70-130	.9	20	

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QUALITY CONTROL DATA

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 233380 233381

Parameter	Units	4025108004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Vinyl chloride	ug/L	<0.18	50	50	57.1	57.5	114	115	59-141	.7	20	
4-Bromofluorobenzene (S)	%						86	87	70-130			
Dibromofluoromethane (S)	%						97	99	70-130			
Toluene-d8 (S)	%						95	96	70-130			

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QUALITY CONTROL DATA

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

QC Batch: MSV/6093 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 4025075001, 4025075002, 4025075003, 4025075004, 4025075005, 4025075006, 4025075007, 4025075008, 4025075009, 4025075010, 4025075011, 4025075012

METHOD BLANK: 233621 Matrix: Solid
Associated Lab Samples: 4025075001, 4025075002, 4025075003, 4025075004, 4025075005, 4025075006, 4025075007, 4025075008, 4025075009, 4025075010, 4025075011, 4025075012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<25.0	60.0	11/11/09 10:11	
1,1,1-Trichloroethane	ug/kg	<25.0	60.0	11/11/09 10:11	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	60.0	11/11/09 10:11	
1,1,2-Trichloroethane	ug/kg	<25.0	60.0	11/11/09 10:11	
1,1-Dichloroethane	ug/kg	<25.0	60.0	11/11/09 10:11	
1,1-Dichloroethene	ug/kg	<25.0	60.0	11/11/09 10:11	
1,1-Dichloropropene	ug/kg	<25.0	60.0	11/11/09 10:11	
1,2,3-Trichlorobenzene	ug/kg	<25.0	60.0	11/11/09 10:11	
1,2,3-Trichloropropane	ug/kg	<25.0	60.0	11/11/09 10:11	
1,2,4-Trichlorobenzene	ug/kg	<25.0	60.0	11/11/09 10:11	
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	11/11/09 10:11	
1,2-Dibromo-3-chloropropane	ug/kg	<82.3	250	11/11/09 10:11	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	60.0	11/11/09 10:11	
1,2-Dichlorobenzene	ug/kg	<44.4	60.0	11/11/09 10:11	
1,2-Dichloroethane	ug/kg	<25.0	60.0	11/11/09 10:11	
1,2-Dichloropropane	ug/kg	<25.0	60.0	11/11/09 10:11	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	11/11/09 10:11	
1,3-Dichlorobenzene	ug/kg	<25.0	60.0	11/11/09 10:11	
1,3-Dichloropropane	ug/kg	<25.0	60.0	11/11/09 10:11	
1,4-Dichlorobenzene	ug/kg	<25.0	60.0	11/11/09 10:11	
2,2-Dichloropropane	ug/kg	<25.0	60.0	11/11/09 10:11	
2-Chlorotoluene	ug/kg	<25.0	60.0	11/11/09 10:11	
4-Chlorotoluene	ug/kg	<25.0	60.0	11/11/09 10:11	
Benzene	ug/kg	<25.0	60.0	11/11/09 10:11	
Bromobenzene	ug/kg	<25.0	60.0	11/11/09 10:11	
Bromochloromethane	ug/kg	<25.0	60.0	11/11/09 10:11	
Bromodichloromethane	ug/kg	<25.0	60.0	11/11/09 10:11	
Bromoform	ug/kg	<25.9	60.0	11/11/09 10:11	
Bromomethane	ug/kg	<25.0	60.0	11/11/09 10:11	
Carbon tetrachloride	ug/kg	<25.0	60.0	11/11/09 10:11	
Chlorobenzene	ug/kg	<25.0	60.0	11/11/09 10:11	
Chloroethane	ug/kg	<25.0	60.0	11/11/09 10:11	
Chloroform	ug/kg	<25.0	60.0	11/11/09 10:11	
Chloromethane	ug/kg	<25.0	60.0	11/11/09 10:11	
cis-1,2-Dichloroethene	ug/kg	<25.0	60.0	11/11/09 10:11	
cis-1,3-Dichloropropene	ug/kg	<25.0	60.0	11/11/09 10:11	
Dibromochloromethane	ug/kg	<25.0	60.0	11/11/09 10:11	
Dibromomethane	ug/kg	<25.0	60.0	11/11/09 10:11	
Dichlorodifluoromethane	ug/kg	<25.0	60.0	11/11/09 10:11	
Diisopropyl ether	ug/kg	<25.0	60.0	11/11/09 10:11	
Ethylbenzene	ug/kg	<25.0	60.0	11/11/09 10:11	

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QUALITY CONTROL DATA

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

METHOD BLANK: 233621 Matrix: Solid

Associated Lab Samples: 4025075001, 4025075002, 4025075003, 4025075004, 4025075005, 4025075006, 4025075007, 4025075008, 4025075009, 4025075010, 4025075011, 4025075012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<26.4	60.0	11/11/09 10:11	
Isopropylbenzene (Cumene)	ug/kg	<25.0	60.0	11/11/09 10:11	
m&p-Xylene	ug/kg	<50.0	120	11/11/09 10:11	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	11/11/09 10:11	
Methylene Chloride	ug/kg	<25.0	60.0	11/11/09 10:11	
n-Butylbenzene	ug/kg	<40.4	60.0	11/11/09 10:11	
n-Propylbenzene	ug/kg	<25.0	60.0	11/11/09 10:11	
Naphthalene	ug/kg	<25.0	60.0	11/11/09 10:11	
o-Xylene	ug/kg	<25.0	60.0	11/11/09 10:11	
p-Isopropyltoluene	ug/kg	<25.0	60.0	11/11/09 10:11	
sec-Butylbenzene	ug/kg	<25.0	60.0	11/11/09 10:11	
Styrene	ug/kg	<25.0	60.0	11/11/09 10:11	
tert-Butylbenzene	ug/kg	<25.0	60.0	11/11/09 10:11	
Tetrachloroethene	ug/kg	<25.0	60.0	11/11/09 10:11	
Toluene	ug/kg	<25.0	60.0	11/11/09 10:11	
trans-1,2-Dichloroethene	ug/kg	<25.0	60.0	11/11/09 10:11	
trans-1,3-Dichloropropene	ug/kg	<25.0	60.0	11/11/09 10:11	
Trichloroethene	ug/kg	<25.0	60.0	11/11/09 10:11	
Trichlorofluoromethane	ug/kg	<25.0	60.0	11/11/09 10:11	
Vinyl chloride	ug/kg	<25.0	60.0	11/11/09 10:11	
4-Bromofluorobenzene (S)	%	98	70-147	11/11/09 10:11	
Dibromofluoromethane (S)	%	111	70-150	11/11/09 10:11	
Toluene-d8 (S)	%	107	70-155	11/11/09 10:11	

LABORATORY CONTROL SAMPLE & LCSD: 233622 233623

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	3080	3070	123	123	68-140	.3	20	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2190	2000	88	80	67-131	9	20	
1,1,2-Trichloroethane	ug/kg	2500	2480	2270	99	91	70-130	9	20	
1,1-Dichloroethane	ug/kg	2500	2690	2690	108	108	70-130	.02	20	
1,1-Dichloroethene	ug/kg	2500	3120	3130	125	125	70-133	.3	20	
1,2-Dichloroethane	ug/kg	2500	3030	2930	121	117	70-132	4	20	
1,2-Dichloropropane	ug/kg	2500	2610	2540	104	102	70-130	3	20	
Benzene	ug/kg	2500	2570	2510	103	101	70-130	2	20	
Bromodichloromethane	ug/kg	2500	3050	2830	122	113	70-130	8	20	
Bromoform	ug/kg	2500	2650	2410	106	96	70-130	9	20	
Bromomethane	ug/kg	2500	3170	3110	127	124	65-153	2	20	
Carbon tetrachloride	ug/kg	2500	3420	3440	137	138	70-142	.5	20	
Chlorobenzene	ug/kg	2500	2700	2650	108	106	70-130	2	20	
Chloroethane	ug/kg	2500	3140	3150	125	126	70-178	.3	20	
Chloroform	ug/kg	2500	2940	2930	118	117	70-130	.5	20	
Chloromethane	ug/kg	2500	2200	2240	88	90	53-143	2	20	
cis-1,2-Dichloroethene	ug/kg	2500	2650	2670	106	107	70-130	.6	20	

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QUALITY CONTROL DATA

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

LABORATORY CONTROL SAMPLE & LCSD: 233622 233623

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
cis-1,3-Dichloropropene	ug/kg	2500	2880	2670	115	107	70-130	8	20	
Dibromochloromethane	ug/kg	2500	2890	2660	115	106	70-130	8	20	
Ethylbenzene	ug/kg	2500	2910	2800	116	112	70-130	4	20	
m&p-Xylene	ug/kg	5000	6090	5890	122	118	70-130	3	20	
Methylene Chloride	ug/kg	2500	2890	2830	116	113	70-134	2	20	
o-Xylene	ug/kg	2500	2910	2780	116	111	70-130	4	20	
Styrene	ug/kg	2500	2610	2460	104	98	70-130	6	20	
Tetrachloroethene	ug/kg	2500	2820	2760	113	110	70-130	2	20	
Toluene	ug/kg	2500	2850	2720	114	109	70-130	5	20	
trans-1,2-Dichloroethene	ug/kg	2500	2710	2650	108	106	67-130	2	20	
trans-1,3-Dichloropropene	ug/kg	2500	2820	2710	113	109	70-130	4	20	
Trichloroethene	ug/kg	2500	3060	2830	122	113	70-130	8	20	
Vinyl chloride	ug/kg	2500	2340	2400	94	96	70-130	2	20	
4-Bromofluorobenzene (S)	%				106	99	70-147			
Dibromofluoromethane (S)	%				111	110	70-150			
Toluene-d8 (S)	%				108	103	70-155			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 233624 233625

Parameter	Units	4025075009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<25.0	2600	2600	3420	3490	131	134	52-153	2	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	2600	2600	2360	2410	90	93	61-139	2	20	
1,1,2-Trichloroethane	ug/kg	<25.0	2600	2600	2680	2820	103	108	66-133	5	20	
1,1-Dichloroethane	ug/kg	<25.0	2600	2600	3000	3120	115	120	62-139	4	20	
1,1-Dichloroethene	ug/kg	<25.0	2600	2600	3490	3480	134	134	55-146	.2	20	
1,2-Dichloroethane	ug/kg	<25.0	2600	2600	3290	3390	126	130	56-153	3	20	
1,2-Dichloropropane	ug/kg	<25.0	2600	2600	2960	2950	114	113	66-136	.4	20	
Benzene	ug/kg	<25.0	2600	2600	2860	2920	110	112	68-130	2	20	
Bromodichloromethane	ug/kg	<25.0	2600	2600	3390	3370	130	130	51-154	.5	20	
Bromoform	ug/kg	<25.9	2600	2600	2910	2960	112	114	50-146	2	20	
Bromomethane	ug/kg	<25.0	2600	2600	3490	3500	134	134	44-158	.4	20	
Carbon tetrachloride	ug/kg	<25.0	2600	2600	3820	3870	147	149	49-162	1	20	
Chlorobenzene	ug/kg	<25.0	2600	2600	3110	3070	119	118	68-138	1	20	
Chloroethane	ug/kg	<25.0	2600	2600	3480	3420	133	131	49-163	2	20	
Chloroform	ug/kg	<25.0	2600	2600	3260	3320	125	127	59-140	2	20	
Chloromethane	ug/kg	<25.0	2600	2600	2450	2370	94	91	45-130	3	20	
cis-1,2-Dichloroethene	ug/kg	<25.0	2600	2600	2970	3070	114	118	57-138	3	20	
cis-1,3-Dichloropropene	ug/kg	<25.0	2600	2600	3130	3200	120	123	58-143	2	20	
Dibromochloromethane	ug/kg	<25.0	2600	2600	3180	3120	122	120	50-144	2	20	
Ethylbenzene	ug/kg	<25.0	2600	2600	3350	3310	128	127	69-139	1	20	
m&p-Xylene	ug/kg	<50.0	5210	5210	7130	6790	136	130	70-141	5	20	
Methylene Chloride	ug/kg	<25.0	2600	2600	3230	3150	124	121	66-133	3	20	
o-Xylene	ug/kg	<25.0	2600	2600	3390	3330	130	128	68-141	2	20	
Styrene	ug/kg	<25.0	2600	2600	3010	2940	116	113	62-135	2	20	
Tetrachloroethene	ug/kg	131	2600	2600	3390	3370	125	125	64-142	.6	20	
Toluene	ug/kg	<25.0	2600	2600	3260	3160	125	122	70-133	3	20	

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QUALITY CONTROL DATA

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 233624 233625

Parameter	Units	4025075009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
trans-1,2-Dichloroethene	ug/kg	<25.0	2600	2600	2860	2930	110	112	54-140	2	20	
trans-1,3-Dichloropropene	ug/kg	<25.0	2600	2600	3230	3130	124	120	46-151	3	20	
Trichloroethene	ug/kg	<25.0	2600	2600	3400	3360	130	129	64-143	1	20	
Vinyl chloride	ug/kg	<25.0	2600	2600	2600	2620	100	100	48-130	.6	20	
4-Bromofluorobenzene (S)	%						113	110	70-147			
Dibromofluoromethane (S)	%						118	120	70-150			
Toluene-d8 (S)	%						115	114	70-155			

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QUALITY CONTROL DATA

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

QC Batch: PMST/3310 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4025075001, 4025075002, 4025075003, 4025075004, 4025075005, 4025075006, 4025075007, 4025075008, 4025075009, 4025075010, 4025075011, 4025075012

SAMPLE DUPLICATE: 234236

Parameter	Units	4025075001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	11.2	12.6	12	10	

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QUALIFIERS

Project: 6140 WAUWATOSA
Pace Project No.: 4025075

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

U - Indicates the compound was analyzed for, but not detected.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

W	Non-detect results are reported on a wet weight basis.

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SAMPLE SUMMARY

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4039888001	6140-DP-6-(4-6)	Solid	11/18/10 09:45	11/19/10 13:38
4039888002	6140-DP-6-(18-20)	Solid	11/18/10 09:45	11/19/10 13:38
4039888003	6140-DP-6-(30-32)	Solid	11/18/10 09:45	11/19/10 13:38
4039888004	6140-DP-7-(2-4)	Solid	11/18/10 10:15	11/19/10 13:38
4039888005	6140-DP-7-(10-12)	Solid	11/18/10 10:35	11/19/10 13:38
4039888006	6140-DP-7-(30-32)	Solid	11/18/10 10:35	11/19/10 13:38
4039888007	6140-DP-8-(2-4)	Solid	11/18/10 10:55	11/19/10 13:38
4039888008	6140-DP-8-(10-12)	Solid	11/18/10 11:10	11/19/10 13:38
4039888009	6140-DP-8-(30-32)	Solid	11/18/10 11:30	11/19/10 13:38
4039888010	6140-DP-9-(2-4)	Solid	11/18/10 13:00	11/19/10 13:38
4039888011	6140-DP-9-(18-20)	Solid	11/18/10 13:00	11/19/10 13:38
4039888012	6140-DP-9-(30-32)	Solid	11/18/10 13:00	11/19/10 13:38
4039888013	6140-DP-10-(2-4)	Solid	11/18/10 13:30	11/19/10 13:38
4039888014	6140-DP-10-(10-12)	Solid	11/18/10 13:30	11/19/10 13:38
4039888015	6140-DP-10-(30-32)	Solid	11/18/10 13:30	11/19/10 13:38
4039888016	6140-DP-11-(2-4)	Solid	11/18/10 14:10	11/19/10 13:38
4039888017	6140-DP-11-(10-12)	Solid	11/18/10 14:10	11/19/10 13:38
4039888018	6140-DP-11-(30-32)	Solid	11/18/10 14:10	11/19/10 13:38
4039888019	6140-DUP-1	Solid	11/18/10 00:00	11/19/10 13:38
4039888020	6140-DUP-2	Solid	11/18/10 00:00	11/19/10 13:38
4039888021	6140-FIELD BLANK-1	Water	11/18/10 15:00	11/19/10 13:38
4039888022	6140-FIELD BLANK-2	Water	11/18/10 15:10	11/19/10 13:38
4039888023	6140-TRIP BLANK	Water	11/18/10 00:00	11/19/10 13:38

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SAMPLE ANALYTE COUNT

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4039888001	6140-DP-6-(4-6)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AME	1	PASI-G
4039888002	6140-DP-6-(18-20)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AME	1	PASI-G
4039888003	6140-DP-6-(30-32)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AME	1	PASI-G
4039888004	6140-DP-7-(2-4)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AME	1	PASI-G
4039888005	6140-DP-7-(10-12)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AME	1	PASI-G
4039888006	6140-DP-7-(30-32)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AME	1	PASI-G
4039888007	6140-DP-8-(2-4)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AME	1	PASI-G
4039888008	6140-DP-8-(10-12)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AME	1	PASI-G
4039888009	6140-DP-8-(30-32)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AME	1	PASI-G
4039888010	6140-DP-9-(2-4)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AME	1	PASI-G
4039888011	6140-DP-9-(18-20)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AME	1	PASI-G
4039888012	6140-DP-9-(30-32)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AME	1	PASI-G
4039888013	6140-DP-10-(2-4)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AME	1	PASI-G
4039888014	6140-DP-10-(10-12)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AME	1	PASI-G
4039888015	6140-DP-10-(30-32)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AME	1	PASI-G
4039888016	6140-DP-11-(2-4)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AME	1	PASI-G
4039888017	6140-DP-11-(10-12)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AME	1	PASI-G
4039888018	6140-DP-11-(30-32)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AME	1	PASI-G
4039888019	6140-DUP-1	EPA 8260	SMT	64	PASI-G

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SAMPLE ANALYTE COUNT

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		ASTM D2974-87	AME	1	PASI-G
4039888020	**6140-DUP-2**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	AME	1	PASI-G
4039888021	**6140-FIELD BLANK-1**	EPA 8260	JJB	64	PASI-G
4039888022	**6140-FIELD BLANK-2**	EPA 8260	JJB	64	PASI-G
4039888023	**6140-TRIP BLANK**	EPA 8260	JJB	64	PASI-G

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-6-(4-6) **Lab ID: 4039888001** Collected: 11/18/10 09:45 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	95-63-6	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/22/10 09:46	11/23/10 10:16	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/22/10 09:46	11/23/10 10:16	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/22/10 09:46	11/23/10 10:16	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/22/10 09:46	11/23/10 10:16	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	75-09-2	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-6-(4-6) **Lab ID: 4039888001** Collected: 11/18/10 09:45 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/22/10 09:46	11/23/10 10:16	179601-23-1	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/22/10 09:46	11/23/10 10:16	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 10:16	10061-02-6	W
Dibromofluoromethane (S)	95	%	67-143		1	11/22/10 09:46	11/23/10 10:16	1868-53-7	
Toluene-d8 (S)	111	%	67-132		1	11/22/10 09:46	11/23/10 10:16	2037-26-5	
4-Bromofluorobenzene (S)	87	%	55-141		1	11/22/10 09:46	11/23/10 10:16	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.3**	%	0.10	0.10	1		11/24/10 08:13		

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-6-(18-20) **Lab ID: 4039888002** Collected: 11/18/10 09:45 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	630-20-6	W
1,1,1-Trichloroethane	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	71-55-6	W
1,1,2,2-Tetrachloroethane	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	79-34-5	W
1,1,2-Trichloroethane	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	79-00-5	W
1,1-Dichloroethane	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	75-34-3	W
1,1-Dichloroethene	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	75-35-4	W
1,1-Dichloropropene	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	563-58-6	W
1,2,3-Trichlorobenzene	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	87-61-6	W
1,2,3-Trichloropropane	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	96-18-4	W
1,2,4-Trichlorobenzene	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	120-82-1	W
1,2,4-Trimethylbenzene	**7560**	ug/kg	145	60.2	2	11/22/10 09:46	11/23/10 10:39	95-63-6	
1,2-Dibromo-3-chloropropane	**<165**	ug/kg	500	165	2	11/22/10 09:46	11/23/10 10:39	96-12-8	W
1,2-Dibromoethane (EDB)	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	106-93-4	W
1,2-Dichlorobenzene	**<88.8**	ug/kg	120	88.8	2	11/22/10 09:46	11/23/10 10:39	95-50-1	W
1,2-Dichloroethane	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	107-06-2	W
1,2-Dichloropropane	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	78-87-5	W
1,3,5-Trimethylbenzene	**2090**	ug/kg	145	60.2	2	11/22/10 09:46	11/23/10 10:39	108-67-8	
1,3-Dichlorobenzene	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	541-73-1	W
1,3-Dichloropropane	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	142-28-9	W
1,4-Dichlorobenzene	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	106-46-7	W
2,2-Dichloropropane	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	594-20-7	W
2-Chlorotoluene	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	95-49-8	W
4-Chlorotoluene	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	106-43-4	W
Benzene	**439**	ug/kg	145	60.2	2	11/22/10 09:46	11/23/10 10:39	71-43-2	
Bromobenzene	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	108-86-1	W
Bromochloromethane	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	74-97-5	W
Bromodichloromethane	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	75-27-4	W
Bromoform	**<51.8**	ug/kg	120	51.8	2	11/22/10 09:46	11/23/10 10:39	75-25-2	W
Bromomethane	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	74-83-9	W
Carbon tetrachloride	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	56-23-5	W
Chlorobenzene	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	108-90-7	W
Chloroethane	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	75-00-3	W
Chloroform	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	67-66-3	W
Chloromethane	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	74-87-3	W
Dibromochloromethane	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	124-48-1	W
Dibromomethane	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	74-95-3	W
Dichlorodifluoromethane	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	75-71-8	W
Diisopropyl ether	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	108-20-3	W
Ethylbenzene	**6240**	ug/kg	145	60.2	2	11/22/10 09:46	11/23/10 10:39	100-41-4	
Hexachloro-1,3-butadiene	**<52.8**	ug/kg	120	52.8	2	11/22/10 09:46	11/23/10 10:39	87-68-3	W
Isopropylbenzene (Cumene)	**203**	ug/kg	145	60.2	2	11/22/10 09:46	11/23/10 10:39	98-82-8	
Methyl-tert-butyl ether	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	1634-04-4	W
Methylene Chloride	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	75-09-2	W
Naphthalene	**1360**	ug/kg	145	60.2	2	11/22/10 09:46	11/23/10 10:39	91-20-3	
Styrene	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-6-(18-20) **Lab ID: 4039888002** Collected: 11/18/10 09:45 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	127-18-4	W
Toluene	**10900**	ug/kg	145	60.2	2	11/22/10 09:46	11/23/10 10:39	108-88-3	
Trichloroethene	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	79-01-6	W
Trichlorofluoromethane	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	75-69-4	W
Vinyl chloride	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	75-01-4	W
cis-1,2-Dichloroethene	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	156-59-2	W
cis-1,3-Dichloropropene	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	10061-01-5	W
m&p-Xylene	**18700**	ug/kg	289	120	2	11/22/10 09:46	11/23/10 10:39	179601-23-1	
n-Butylbenzene	**551**	ug/kg	145	97.3	2	11/22/10 09:46	11/23/10 10:39	104-51-8	
n-Propylbenzene	**1110**	ug/kg	145	60.2	2	11/22/10 09:46	11/23/10 10:39	103-65-1	
o-Xylene	**8500**	ug/kg	145	60.2	2	11/22/10 09:46	11/23/10 10:39	95-47-6	
p-Isopropyltoluene	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	99-87-6	W
sec-Butylbenzene	**298**	ug/kg	145	60.2	2	11/22/10 09:46	11/23/10 10:39	135-98-8	
tert-Butylbenzene	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	98-06-6	W
trans-1,2-Dichloroethene	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	156-60-5	W
trans-1,3-Dichloropropene	**<50.0**	ug/kg	120	50.0	2	11/22/10 09:46	11/23/10 10:39	10061-02-6	W
Dibromofluoromethane (S)	78	%	67-143		2	11/22/10 09:46	11/23/10 10:39	1868-53-7	
Toluene-d8 (S)	98	%	67-132		2	11/22/10 09:46	11/23/10 10:39	2037-26-5	
4-Bromofluorobenzene (S)	81	%	55-141		2	11/22/10 09:46	11/23/10 10:39	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**17.0**	%	0.10	0.10	1		11/24/10 08:13		

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-6-(30-32) **Lab ID: 4039888003** Collected: 11/18/10 09:45 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	95-63-6	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/22/10 09:46	11/22/10 19:52	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/22/10 09:46	11/22/10 19:52	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/22/10 09:46	11/22/10 19:52	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/22/10 09:46	11/22/10 19:52	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	75-09-2	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-6-(30-32) **Lab ID: 4039888003** Collected: 11/18/10 09:45 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/22/10 09:46	11/22/10 19:52	179601-23-1	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/22/10 09:46	11/22/10 19:52	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:52	10061-02-6	W
Dibromofluoromethane (S)	111	%	67-143		1	11/22/10 09:46	11/22/10 19:52	1868-53-7	
Toluene-d8 (S)	116	%	67-132		1	11/22/10 09:46	11/22/10 19:52	2037-26-5	
4-Bromofluorobenzene (S)	94	%	55-141		1	11/22/10 09:46	11/22/10 19:52	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**9.5**	%	0.10	0.10	1		11/24/10 08:13		

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-7-(2-4) **Lab ID: 4039888004** Collected: 11/18/10 10:15 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	630-20-6	W
1,1,1-Trichloroethane	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	71-55-6	W
1,1,2,2-Tetrachloroethane	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	79-34-5	W
1,1,2-Trichloroethane	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	79-00-5	W
1,1-Dichloroethane	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	75-34-3	W
1,1-Dichloroethene	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	75-35-4	W
1,1-Dichloropropene	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	563-58-6	W
1,2,3-Trichlorobenzene	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	87-61-6	W
1,2,3-Trichloropropane	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	96-18-4	W
1,2,4-Trichlorobenzene	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	120-82-1	W
1,2,4-Trimethylbenzene	**118000**	ug/kg	1640	683	25	11/22/10 09:46	11/23/10 11:25	95-63-6	
1,2-Dibromo-3-chloropropane	**<2060**	ug/kg	6250	2060	25	11/22/10 09:46	11/23/10 11:25	96-12-8	W
1,2-Dibromoethane (EDB)	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	106-93-4	W
1,2-Dichlorobenzene	**<1110**	ug/kg	1500	1110	25	11/22/10 09:46	11/23/10 11:25	95-50-1	W
1,2-Dichloroethane	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	107-06-2	W
1,2-Dichloropropane	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	78-87-5	W
1,3,5-Trimethylbenzene	**38200**	ug/kg	1640	683	25	11/22/10 09:46	11/23/10 11:25	108-67-8	
1,3-Dichlorobenzene	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	541-73-1	W
1,3-Dichloropropane	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	142-28-9	W
1,4-Dichlorobenzene	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	106-46-7	W
2,2-Dichloropropane	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	594-20-7	W
2-Chlorotoluene	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	95-49-8	W
4-Chlorotoluene	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	106-43-4	W
Benzene	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	71-43-2	W
Bromobenzene	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	108-86-1	W
Bromochloromethane	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	74-97-5	W
Bromodichloromethane	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	75-27-4	W
Bromoform	**<647**	ug/kg	1500	647	25	11/22/10 09:46	11/23/10 11:25	75-25-2	W
Bromomethane	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	74-83-9	W
Carbon tetrachloride	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	56-23-5	W
Chlorobenzene	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	108-90-7	W
Chloroethane	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	75-00-3	W
Chloroform	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	67-66-3	W
Chloromethane	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	74-87-3	W
Dibromochloromethane	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	124-48-1	W
Dibromomethane	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	74-95-3	W
Dichlorodifluoromethane	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	75-71-8	W
Diisopropyl ether	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	108-20-3	W
Ethylbenzene	**11100**	ug/kg	1640	683	25	11/22/10 09:46	11/23/10 11:25	100-41-4	
Hexachloro-1,3-butadiene	**<660**	ug/kg	1500	660	25	11/22/10 09:46	11/23/10 11:25	87-68-3	W
Isopropylbenzene (Cumene)	**2440**	ug/kg	1640	683	25	11/22/10 09:46	11/23/10 11:25	98-82-8	
Methyl-tert-butyl ether	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	1634-04-4	W
Methylene Chloride	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	75-09-2	W
Naphthalene	**15400**	ug/kg	1640	683	25	11/22/10 09:46	11/23/10 11:25	91-20-3	
Styrene	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-7-(2-4) **Lab ID: 4039888004** Collected: 11/18/10 10:15 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	127-18-4	W
Toluene	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	108-88-3	W
Trichloroethene	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	79-01-6	W
Trichlorofluoromethane	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	75-69-4	W
Vinyl chloride	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	75-01-4	W
cis-1,2-Dichloroethene	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	156-59-2	W
cis-1,3-Dichloropropene	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	10061-01-5	W
m&p-Xylene	**62000**	ug/kg	3280	1370	25	11/22/10 09:46	11/23/10 11:25	179601-23-1	
n-Butylbenzene	**<1010**	ug/kg	1500	1010	25	11/22/10 09:46	11/23/10 11:25	104-51-8	W
n-Propylbenzene	**13400**	ug/kg	1640	683	25	11/22/10 09:46	11/23/10 11:25	103-65-1	
o-Xylene	**23200**	ug/kg	1640	683	25	11/22/10 09:46	11/23/10 11:25	95-47-6	
p-Isopropyltoluene	**3260**	ug/kg	1640	683	25	11/22/10 09:46	11/23/10 11:25	99-87-6	
sec-Butylbenzene	**4630**	ug/kg	1640	683	25	11/22/10 09:46	11/23/10 11:25	135-98-8	
tert-Butylbenzene	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	98-06-6	W
trans-1,2-Dichloroethene	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	156-60-5	W
trans-1,3-Dichloropropene	**<625**	ug/kg	1500	625	25	11/22/10 09:46	11/23/10 11:25	10061-02-6	W
Dibromofluoromethane (S)	0	%	67-143		25	11/22/10 09:46	11/23/10 11:25	1868-53-7	S4
Toluene-d8 (S)	0	%	67-132		25	11/22/10 09:46	11/23/10 11:25	2037-26-5	S4
4-Bromofluorobenzene (S)	0	%	55-141		25	11/22/10 09:46	11/23/10 11:25	460-00-4	S4
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**8.5**	%	0.10	0.10	1		11/24/10 08:13		

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-7-(10-12) **Lab ID: 4039888005** Collected: 11/18/10 10:35 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	630-20-6	W
1,1,1-Trichloroethane	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	71-55-6	W
1,1,2,2-Tetrachloroethane	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	79-34-5	W
1,1,2-Trichloroethane	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	79-00-5	W
1,1-Dichloroethane	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	75-34-3	W
1,1-Dichloroethene	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	75-35-4	W
1,1-Dichloropropene	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	563-58-6	W
1,2,3-Trichlorobenzene	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	87-61-6	W
1,2,3-Trichloropropane	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	96-18-4	W
1,2,4-Trichlorobenzene	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	120-82-1	W
1,2,4-Trimethylbenzene	**20200**	ug/kg	173	72.0	2.5	11/22/10 09:46	11/23/10 11:02	95-63-6	
1,2-Dibromo-3-chloropropane	**<206**	ug/kg	625	206	2.5	11/22/10 09:46	11/23/10 11:02	96-12-8	W
1,2-Dibromoethane (EDB)	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	106-93-4	W
1,2-Dichlorobenzene	**<111**	ug/kg	150	111	2.5	11/22/10 09:46	11/23/10 11:02	95-50-1	W
1,2-Dichloroethane	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	107-06-2	W
1,2-Dichloropropane	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	78-87-5	W
1,3,5-Trimethylbenzene	**6610**	ug/kg	173	72.0	2.5	11/22/10 09:46	11/23/10 11:02	108-67-8	
1,3-Dichlorobenzene	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	541-73-1	W
1,3-Dichloropropane	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	142-28-9	W
1,4-Dichlorobenzene	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	106-46-7	W
2,2-Dichloropropane	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	594-20-7	W
2-Chlorotoluene	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	95-49-8	W
4-Chlorotoluene	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	106-43-4	W
Benzene	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	71-43-2	W
Bromobenzene	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	108-86-1	W
Bromochloromethane	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	74-97-5	W
Bromodichloromethane	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	75-27-4	W
Bromoform	**<64.7**	ug/kg	150	64.7	2.5	11/22/10 09:46	11/23/10 11:02	75-25-2	W
Bromomethane	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	74-83-9	W
Carbon tetrachloride	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	56-23-5	W
Chlorobenzene	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	108-90-7	W
Chloroethane	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	75-00-3	W
Chloroform	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	67-66-3	W
Chloromethane	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	74-87-3	W
Dibromochloromethane	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	124-48-1	W
Dibromomethane	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	74-95-3	W
Dichlorodifluoromethane	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	75-71-8	W
Diisopropyl ether	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	108-20-3	W
Ethylbenzene	**4670**	ug/kg	173	72.0	2.5	11/22/10 09:46	11/23/10 11:02	100-41-4	
Hexachloro-1,3-butadiene	**<66.0**	ug/kg	150	66.0	2.5	11/22/10 09:46	11/23/10 11:02	87-68-3	W
Isopropylbenzene (Cumene)	**755**	ug/kg	173	72.0	2.5	11/22/10 09:46	11/23/10 11:02	98-82-8	
Methyl-tert-butyl ether	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	1634-04-4	W
Methylene Chloride	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	75-09-2	W
Naphthalene	**2270**	ug/kg	173	72.0	2.5	11/22/10 09:46	11/23/10 11:02	91-20-3	
Styrene	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-7-(10-12) **Lab ID: 4039888005** Collected: 11/18/10 10:35 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	127-18-4	W
Toluene	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	108-88-3	W
Trichloroethene	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	79-01-6	W
Trichlorofluoromethane	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	75-69-4	W
Vinyl chloride	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	75-01-4	W
cis-1,2-Dichloroethene	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	156-59-2	W
cis-1,3-Dichloropropene	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	10061-01-5	W
m&p-Xylene	**9410**	ug/kg	346	144	2.5	11/22/10 09:46	11/23/10 11:02	179601-23-1	
n-Butylbenzene	**<101**	ug/kg	150	101	2.5	11/22/10 09:46	11/23/10 11:02	104-51-8	W
n-Propylbenzene	**3650**	ug/kg	173	72.0	2.5	11/22/10 09:46	11/23/10 11:02	103-65-1	
o-Xylene	**316**	ug/kg	173	72.0	2.5	11/22/10 09:46	11/23/10 11:02	95-47-6	
p-Isopropyltoluene	**395**	ug/kg	173	72.0	2.5	11/22/10 09:46	11/23/10 11:02	99-87-6	
sec-Butylbenzene	**544**	ug/kg	173	72.0	2.5	11/22/10 09:46	11/23/10 11:02	135-98-8	
tert-Butylbenzene	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	98-06-6	W
trans-1,2-Dichloroethene	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	156-60-5	W
trans-1,3-Dichloropropene	**<62.5**	ug/kg	150	62.5	2.5	11/22/10 09:46	11/23/10 11:02	10061-02-6	W
Dibromofluoromethane (S)	83	%	67-143		2.5	11/22/10 09:46	11/23/10 11:02	1868-53-7	
Toluene-d8 (S)	101	%	67-132		2.5	11/22/10 09:46	11/23/10 11:02	2037-26-5	
4-Bromofluorobenzene (S)	93	%	55-141		2.5	11/22/10 09:46	11/23/10 11:02	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.2**	%	0.10	0.10	1		11/24/10 08:13		

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-7-(30-32) **Lab ID: 4039888006** Collected: 11/18/10 10:35 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	95-63-6	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/22/10 09:46	11/23/10 09:53	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/22/10 09:46	11/23/10 09:53	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/22/10 09:46	11/23/10 09:53	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/22/10 09:46	11/23/10 09:53	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	75-09-2	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-7-(30-32) **Lab ID: 4039888006** Collected: 11/18/10 10:35 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/22/10 09:46	11/23/10 09:53	179601-23-1	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/22/10 09:46	11/23/10 09:53	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/23/10 09:53	10061-02-6	W
Dibromofluoromethane (S)	88	%	67-143		1	11/22/10 09:46	11/23/10 09:53	1868-53-7	
Toluene-d8 (S)	99	%	67-132		1	11/22/10 09:46	11/23/10 09:53	2037-26-5	
4-Bromofluorobenzene (S)	78	%	55-141		1	11/22/10 09:46	11/23/10 09:53	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.5**	%	0.10	0.10	1		11/24/10 08:13		

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-8-(2-4) **Lab ID: 4039888007** Collected: 11/18/10 10:55 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	95-63-6	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/22/10 09:46	11/22/10 19:29	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/22/10 09:46	11/22/10 19:29	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/22/10 09:46	11/22/10 19:29	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/22/10 09:46	11/22/10 19:29	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	75-09-2	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-8-(2-4) **Lab ID: 4039888007** Collected: 11/18/10 10:55 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/22/10 09:46	11/22/10 19:29	179601-23-1	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/22/10 09:46	11/22/10 19:29	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/22/10 09:46	11/22/10 19:29	10061-02-6	W
Dibromofluoromethane (S)	115	%	67-143		1	11/22/10 09:46	11/22/10 19:29	1868-53-7	
Toluene-d8 (S)	124	%	67-132		1	11/22/10 09:46	11/22/10 19:29	2037-26-5	
4-Bromofluorobenzene (S)	100	%	55-141		1	11/22/10 09:46	11/22/10 19:29	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.4**	%	0.10	0.10	1		11/24/10 08:13		

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-8-(10-12) **Lab ID: 4039888008** Collected: 11/18/10 11:10 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	95-63-6	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/23/10 10:03	11/23/10 12:34	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/23/10 10:03	11/23/10 12:34	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/23/10 10:03	11/23/10 12:34	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/23/10 10:03	11/23/10 12:34	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	75-09-2	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-8-(10-12) **Lab ID: 4039888008** Collected: 11/18/10 11:10 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/23/10 10:03	11/23/10 12:34	179601-23-1	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/23/10 10:03	11/23/10 12:34	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:34	10061-02-6	W
Dibromofluoromethane (S)	98	%	67-143		1	11/23/10 10:03	11/23/10 12:34	1868-53-7	
Toluene-d8 (S)	119	%	67-132		1	11/23/10 10:03	11/23/10 12:34	2037-26-5	
4-Bromofluorobenzene (S)	98	%	55-141		1	11/23/10 10:03	11/23/10 12:34	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**5.0**	%	0.10	0.10	1		11/24/10 08:13		

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-8-(30-32) **Lab ID: 4039888009** Collected: 11/18/10 11:30 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	95-63-6	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/23/10 10:03	11/23/10 12:56	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/23/10 10:03	11/23/10 12:56	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/23/10 10:03	11/23/10 12:56	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/23/10 10:03	11/23/10 12:56	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	75-09-2	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-8-(30-32) **Lab ID: 4039888009** Collected: 11/18/10 11:30 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/23/10 10:03	11/23/10 12:56	179601-23-1	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/23/10 10:03	11/23/10 12:56	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 12:56	10061-02-6	W
Dibromofluoromethane (S)	95	%	67-143		1	11/23/10 10:03	11/23/10 12:56	1868-53-7	
Toluene-d8 (S)	115	%	67-132		1	11/23/10 10:03	11/23/10 12:56	2037-26-5	
4-Bromofluorobenzene (S)	91	%	55-141		1	11/23/10 10:03	11/23/10 12:56	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.4**	%	0.10	0.10	1		11/24/10 08:13		

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-9-(2-4) **Lab ID: 4039888010** Collected: 11/18/10 13:00 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	95-63-6	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/23/10 10:03	11/23/10 13:19	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/23/10 10:03	11/23/10 13:19	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/23/10 10:03	11/23/10 13:19	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/23/10 10:03	11/23/10 13:19	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	75-09-2	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-9-(2-4) **Lab ID: 4039888010** Collected: 11/18/10 13:00 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**46.7J**	ug/kg	64.1	26.7	1	11/23/10 10:03	11/23/10 13:19	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/23/10 10:03	11/23/10 13:19	179601-23-1	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/23/10 10:03	11/23/10 13:19	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:19	10061-02-6	W
Dibromofluoromethane (S)	99	%	67-143		1	11/23/10 10:03	11/23/10 13:19	1868-53-7	
Toluene-d8 (S)	115	%	67-132		1	11/23/10 10:03	11/23/10 13:19	2037-26-5	
4-Bromofluorobenzene (S)	96	%	55-141		1	11/23/10 10:03	11/23/10 13:19	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**6.4**	%	0.10	0.10	1		11/24/10 08:13		

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-9-(18-20) **Lab ID: 4039888011** Collected: 11/18/10 13:00 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	95-63-6	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/23/10 10:03	11/23/10 13:42	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/23/10 10:03	11/23/10 13:42	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/23/10 10:03	11/23/10 13:42	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/23/10 10:03	11/23/10 13:42	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	75-09-2	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-9-(18-20) **Lab ID: 4039888011** Collected: 11/18/10 13:00 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**115**	ug/kg	62.1	25.9	1	11/23/10 10:03	11/23/10 13:42	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/23/10 10:03	11/23/10 13:42	179601-23-1	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/23/10 10:03	11/23/10 13:42	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 13:42	10061-02-6	W
Dibromofluoromethane (S)	104	%	67-143		1	11/23/10 10:03	11/23/10 13:42	1868-53-7	
Toluene-d8 (S)	124	%	67-132		1	11/23/10 10:03	11/23/10 13:42	2037-26-5	
4-Bromofluorobenzene (S)	104	%	55-141		1	11/23/10 10:03	11/23/10 13:42	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**3.4**	%	0.10	0.10	1		11/24/10 08:13		

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-9-(30-32) **Lab ID: 4039888012** Collected: 11/18/10 13:00 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	95-63-6	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/23/10 10:03	11/23/10 14:05	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/23/10 10:03	11/23/10 14:05	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/23/10 10:03	11/23/10 14:05	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/23/10 10:03	11/23/10 14:05	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	75-09-2	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-9-(30-32) **Lab ID: 4039888012** Collected: 11/18/10 13:00 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/23/10 10:03	11/23/10 14:05	179601-23-1	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/23/10 10:03	11/23/10 14:05	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:05	10061-02-6	W
Dibromofluoromethane (S)	95	%	67-143		1	11/23/10 10:03	11/23/10 14:05	1868-53-7	
Toluene-d8 (S)	112	%	67-132		1	11/23/10 10:03	11/23/10 14:05	2037-26-5	
4-Bromofluorobenzene (S)	91	%	55-141		1	11/23/10 10:03	11/23/10 14:05	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.5**	%	0.10	0.10	1		11/24/10 08:14		

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-10-(2-4) **Lab ID: 4039888013** Collected: 11/18/10 13:30 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	95-63-6	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/23/10 10:03	11/23/10 14:28	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/23/10 10:03	11/23/10 14:28	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/23/10 10:03	11/23/10 14:28	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/23/10 10:03	11/23/10 14:28	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	75-09-2	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-10-(2-4) **Lab ID: 4039888013** Collected: 11/18/10 13:30 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/23/10 10:03	11/23/10 14:28	179601-23-1	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/23/10 10:03	11/23/10 14:28	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:28	10061-02-6	W
Dibromofluoromethane (S)	103	%	67-143		1	11/23/10 10:03	11/23/10 14:28	1868-53-7	
Toluene-d8 (S)	118	%	67-132		1	11/23/10 10:03	11/23/10 14:28	2037-26-5	
4-Bromofluorobenzene (S)	96	%	55-141		1	11/23/10 10:03	11/23/10 14:28	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**4.5**	%	0.10	0.10	1		11/24/10 08:14		

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-10-(10-12) **Lab ID: 4039888014** Collected: 11/18/10 13:30 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	95-63-6	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/23/10 10:03	11/23/10 14:51	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/23/10 10:03	11/23/10 14:51	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/23/10 10:03	11/23/10 14:51	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/23/10 10:03	11/23/10 14:51	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	75-09-2	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-10-(10-12) **Lab ID: 4039888014** Collected: 11/18/10 13:30 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/23/10 10:03	11/23/10 14:51	179601-23-1	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/23/10 10:03	11/23/10 14:51	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 14:51	10061-02-6	W
Dibromofluoromethane (S)	101	%	67-143		1	11/23/10 10:03	11/23/10 14:51	1868-53-7	
Toluene-d8 (S)	117	%	67-132		1	11/23/10 10:03	11/23/10 14:51	2037-26-5	
4-Bromofluorobenzene (S)	95	%	55-141		1	11/23/10 10:03	11/23/10 14:51	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**10.3**	%	0.10	0.10	1		11/24/10 08:14		

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-10-(30-32) **Lab ID: 4039888015** Collected: 11/18/10 13:30 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	95-63-6	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/23/10 10:03	11/23/10 15:14	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/23/10 10:03	11/23/10 15:14	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/23/10 10:03	11/23/10 15:14	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/23/10 10:03	11/23/10 15:14	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	75-09-2	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-10-(30-32) **Lab ID: 4039888015** Collected: 11/18/10 13:30 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**32.9J**	ug/kg	72.2	30.1	1	11/23/10 10:03	11/23/10 15:14	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/23/10 10:03	11/23/10 15:14	179601-23-1	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/23/10 10:03	11/23/10 15:14	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:14	10061-02-6	W
Dibromofluoromethane (S)	98	%	67-143		1	11/23/10 10:03	11/23/10 15:14	1868-53-7	
Toluene-d8 (S)	111	%	67-132		1	11/23/10 10:03	11/23/10 15:14	2037-26-5	
4-Bromofluorobenzene (S)	90	%	55-141		1	11/23/10 10:03	11/23/10 15:14	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**16.9**	%	0.10	0.10	1		11/24/10 08:14		

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-11-(2-4) **Lab ID: 4039888016** Collected: 11/18/10 14:10 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	95-63-6	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/23/10 10:03	11/23/10 15:37	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/23/10 10:03	11/23/10 15:37	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/23/10 10:03	11/23/10 15:37	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/23/10 10:03	11/23/10 15:37	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	75-09-2	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-11-(2-4) **Lab ID: 4039888016** Collected: 11/18/10 14:10 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/23/10 10:03	11/23/10 15:37	179601-23-1	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/23/10 10:03	11/23/10 15:37	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 15:37	10061-02-6	W
Dibromofluoromethane (S)	112	%	67-143		1	11/23/10 10:03	11/23/10 15:37	1868-53-7	
Toluene-d8 (S)	123	%	67-132		1	11/23/10 10:03	11/23/10 15:37	2037-26-5	
4-Bromofluorobenzene (S)	100	%	55-141		1	11/23/10 10:03	11/23/10 15:37	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.7**	%	0.10	0.10	1		11/24/10 08:14		

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-11-(10-12) **Lab ID: 4039888017** Collected: 11/18/10 14:10 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	95-63-6	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/23/10 10:03	11/23/10 16:00	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/23/10 10:03	11/23/10 16:00	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/23/10 10:03	11/23/10 16:00	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/23/10 10:03	11/23/10 16:00	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	75-09-2	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-11-(10-12) **Lab ID: 4039888017** Collected: 11/18/10 14:10 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/23/10 10:03	11/23/10 16:00	179601-23-1	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/23/10 10:03	11/23/10 16:00	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:00	10061-02-6	W
Dibromofluoromethane (S)	106	%	67-143		1	11/23/10 10:03	11/23/10 16:00	1868-53-7	
Toluene-d8 (S)	116	%	67-132		1	11/23/10 10:03	11/23/10 16:00	2037-26-5	
4-Bromofluorobenzene (S)	97	%	55-141		1	11/23/10 10:03	11/23/10 16:00	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**2.5**	%	0.10	0.10	1		11/24/10 08:14		

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-11-(30-32) **Lab ID: 4039888018** Collected: 11/18/10 14:10 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	95-63-6	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/23/10 10:03	11/23/10 16:23	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/23/10 10:03	11/23/10 16:23	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/23/10 10:03	11/23/10 16:23	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/23/10 10:03	11/23/10 16:23	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	75-09-2	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DP-11-(30-32) **Lab ID: 4039888018** Collected: 11/18/10 14:10 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**46.7J**	ug/kg	64.1	26.7	1	11/23/10 10:03	11/23/10 16:23	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/23/10 10:03	11/23/10 16:23	179601-23-1	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/23/10 10:03	11/23/10 16:23	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:23	10061-02-6	W
Dibromofluoromethane (S)	109	%	67-143		1	11/23/10 10:03	11/23/10 16:23	1868-53-7	
Toluene-d8 (S)	124	%	67-132		1	11/23/10 10:03	11/23/10 16:23	2037-26-5	
4-Bromofluorobenzene (S)	102	%	55-141		1	11/23/10 10:03	11/23/10 16:23	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**6.4**	%	0.10	0.10	1		11/24/10 08:14		

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DUP-1 **Lab ID: 4039888019** Collected: 11/18/10 00:00 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	95-63-6	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/23/10 10:03	11/23/10 16:45	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/23/10 10:03	11/23/10 16:45	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	142-28-9	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/23/10 10:03	11/23/10 16:45	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/23/10 10:03	11/23/10 16:45	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	98-82-8	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	75-09-2	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	91-20-3	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DUP-1 **Lab ID: 4039888019** Collected: 11/18/10 00:00 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/23/10 10:03	11/23/10 16:45	179601-23-1	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/23/10 10:03	11/23/10 16:45	104-51-8	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	103-65-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	99-87-6	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/23/10 10:03	11/23/10 16:45	10061-02-6	W
Dibromofluoromethane (S)	104	%	67-143		1	11/23/10 10:03	11/23/10 16:45	1868-53-7	
Toluene-d8 (S)	116	%	67-132		1	11/23/10 10:03	11/23/10 16:45	2037-26-5	
4-Bromofluorobenzene (S)	94	%	55-141		1	11/23/10 10:03	11/23/10 16:45	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**10.3**	%	0.10	0.10	1		11/24/10 08:14		

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DUP-2 **Lab ID: 4039888020** Collected: 11/18/10 00:00 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	630-20-6	W
1,1,1-Trichloroethane	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	71-55-6	W
1,1,2,2-Tetrachloroethane	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	79-34-5	W
1,1,2-Trichloroethane	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	79-00-5	W
1,1-Dichloroethane	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	75-34-3	W
1,1-Dichloroethene	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	75-35-4	W
1,1-Dichloropropene	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	563-58-6	W
1,2,3-Trichlorobenzene	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	87-61-6	W
1,2,3-Trichloropropane	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	96-18-4	W
1,2,4-Trichlorobenzene	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	120-82-1	W
1,2,4-Trimethylbenzene	**114000**	ug/kg	1640	682	25	11/23/10 10:03	11/23/10 17:08	95-63-6	
1,2-Dibromo-3-chloropropane	**<2060**	ug/kg	6250	2060	25	11/23/10 10:03	11/23/10 17:08	96-12-8	W
1,2-Dibromoethane (EDB)	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	106-93-4	W
1,2-Dichlorobenzene	**<1110**	ug/kg	1500	1110	25	11/23/10 10:03	11/23/10 17:08	95-50-1	W
1,2-Dichloroethane	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	107-06-2	W
1,2-Dichloropropane	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	78-87-5	W
1,3,5-Trimethylbenzene	**37200**	ug/kg	1640	682	25	11/23/10 10:03	11/23/10 17:08	108-67-8	
1,3-Dichlorobenzene	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	541-73-1	W
1,3-Dichloropropane	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	142-28-9	W
1,4-Dichlorobenzene	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	106-46-7	W
2,2-Dichloropropane	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	594-20-7	W
2-Chlorotoluene	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	95-49-8	W
4-Chlorotoluene	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	106-43-4	W
Benzene	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	71-43-2	W
Bromobenzene	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	108-86-1	W
Bromochloromethane	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	74-97-5	W
Bromodichloromethane	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	75-27-4	W
Bromoform	**<647**	ug/kg	1500	647	25	11/23/10 10:03	11/23/10 17:08	75-25-2	W
Bromomethane	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	74-83-9	W
Carbon tetrachloride	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	56-23-5	W
Chlorobenzene	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	108-90-7	W
Chloroethane	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	75-00-3	W
Chloroform	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	67-66-3	W
Chloromethane	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	74-87-3	W
Dibromochloromethane	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	124-48-1	W
Dibromomethane	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	74-95-3	W
Dichlorodifluoromethane	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	75-71-8	W
Diisopropyl ether	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	108-20-3	W
Ethylbenzene	**14000**	ug/kg	1640	682	25	11/23/10 10:03	11/23/10 17:08	100-41-4	
Hexachloro-1,3-butadiene	**<660**	ug/kg	1500	660	25	11/23/10 10:03	11/23/10 17:08	87-68-3	W
Isopropylbenzene (Cumene)	**2560**	ug/kg	1640	682	25	11/23/10 10:03	11/23/10 17:08	98-82-8	
Methyl-tert-butyl ether	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	1634-04-4	W
Methylene Chloride	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	75-09-2	W
Naphthalene	**14100**	ug/kg	1640	682	25	11/23/10 10:03	11/23/10 17:08	91-20-3	
Styrene	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	100-42-5	W

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-DUP-2 **Lab ID: 4039888020** Collected: 11/18/10 00:00 Received: 11/19/10 13:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	127-18-4	W
Toluene	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	108-88-3	W
Trichloroethene	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	79-01-6	W
Trichlorofluoromethane	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	75-69-4	W
Vinyl chloride	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	75-01-4	W
cis-1,2-Dichloroethene	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	156-59-2	W
cis-1,3-Dichloropropene	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	10061-01-5	W
m&p-Xylene	**81000**	ug/kg	3270	1360	25	11/23/10 10:03	11/23/10 17:08	179601-23-1	
n-Butylbenzene	**<1010**	ug/kg	1500	1010	25	11/23/10 10:03	11/23/10 17:08	104-51-8	W
n-Propylbenzene	**12600**	ug/kg	1640	682	25	11/23/10 10:03	11/23/10 17:08	103-65-1	
o-Xylene	**30000**	ug/kg	1640	682	25	11/23/10 10:03	11/23/10 17:08	95-47-6	
p-Isopropyltoluene	**3130**	ug/kg	1640	682	25	11/23/10 10:03	11/23/10 17:08	99-87-6	
sec-Butylbenzene	**4440**	ug/kg	1640	682	25	11/23/10 10:03	11/23/10 17:08	135-98-8	
tert-Butylbenzene	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	98-06-6	W
trans-1,2-Dichloroethene	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	156-60-5	W
trans-1,3-Dichloropropene	**<625**	ug/kg	1500	625	25	11/23/10 10:03	11/23/10 17:08	10061-02-6	W
Dibromofluoromethane (S)	0	%	67-143		25	11/23/10 10:03	11/23/10 17:08	1868-53-7	S4
Toluene-d8 (S)	0	%	67-132		25	11/23/10 10:03	11/23/10 17:08	2037-26-5	S4
4-Bromofluorobenzene (S)	0	%	55-141		25	11/23/10 10:03	11/23/10 17:08	460-00-4	S4
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**8.3**	%	0.10	0.10	1		11/24/10 08:14		

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-FIELD BLANK-1 **Lab ID: 4039888021** Collected: 11/18/10 15:00 Received: 11/19/10 13:38 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		11/24/10 15:06	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		11/24/10 15:06	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		11/24/10 15:06	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		11/24/10 15:06	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		11/24/10 15:06	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		11/24/10 15:06	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		11/24/10 15:06	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		11/24/10 15:06	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/24/10 15:06	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		11/24/10 15:06	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		11/24/10 15:06	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		11/24/10 15:06	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/24/10 15:06	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		11/24/10 15:06	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		11/24/10 15:06	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		11/24/10 15:06	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		11/24/10 15:06	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		11/24/10 15:06	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		11/24/10 15:06	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		11/24/10 15:06	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		11/24/10 15:06	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		11/24/10 15:06	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		11/24/10 15:06	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		11/24/10 15:06	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		11/24/10 15:06	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		11/24/10 15:06	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		11/24/10 15:06	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		11/24/10 15:06	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		11/24/10 15:06	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		11/24/10 15:06	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		11/24/10 15:06	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		11/24/10 15:06	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		11/24/10 15:06	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		11/24/10 15:06	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		11/24/10 15:06	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		11/24/10 15:06	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		11/24/10 15:06	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		11/24/10 15:06	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		11/24/10 15:06	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		11/24/10 15:06	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		11/24/10 15:06	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		11/24/10 15:06	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		11/24/10 15:06	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		11/24/10 15:06	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		11/24/10 15:06	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		11/24/10 15:06	630-20-6	

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-FIELD BLANK-1 **Lab ID: 4039888021** Collected: 11/18/10 15:00 Received: 11/19/10 13:38 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		11/24/10 15:06	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		11/24/10 15:06	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		11/24/10 15:06	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		11/24/10 15:06	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	1.0	0.97	1		11/24/10 15:06	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		11/24/10 15:06	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		11/24/10 15:06	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		11/24/10 15:06	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		11/24/10 15:06	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		11/24/10 15:06	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/24/10 15:06	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		11/24/10 15:06	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		11/24/10 15:06	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		11/24/10 15:06	179601-23-1	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		11/24/10 15:06	95-47-6	
4-Bromofluorobenzene (S)	96	%	69-130		1		11/24/10 15:06	460-00-4	
Dibromofluoromethane (S)	102	%	70-134		1		11/24/10 15:06	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		11/24/10 15:06	2037-26-5	

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-FIELD BLANK-2 **Lab ID: 4039888022** Collected: 11/18/10 15:10 Received: 11/19/10 13:38 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		11/24/10 15:29	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		11/24/10 15:29	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		11/24/10 15:29	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		11/24/10 15:29	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		11/24/10 15:29	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		11/24/10 15:29	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		11/24/10 15:29	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		11/24/10 15:29	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/24/10 15:29	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		11/24/10 15:29	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		11/24/10 15:29	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		11/24/10 15:29	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/24/10 15:29	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		11/24/10 15:29	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		11/24/10 15:29	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		11/24/10 15:29	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		11/24/10 15:29	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		11/24/10 15:29	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		11/24/10 15:29	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		11/24/10 15:29	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		11/24/10 15:29	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		11/24/10 15:29	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		11/24/10 15:29	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		11/24/10 15:29	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		11/24/10 15:29	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		11/24/10 15:29	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		11/24/10 15:29	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		11/24/10 15:29	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		11/24/10 15:29	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		11/24/10 15:29	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		11/24/10 15:29	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		11/24/10 15:29	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		11/24/10 15:29	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		11/24/10 15:29	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		11/24/10 15:29	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		11/24/10 15:29	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		11/24/10 15:29	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		11/24/10 15:29	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		11/24/10 15:29	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		11/24/10 15:29	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		11/24/10 15:29	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		11/24/10 15:29	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		11/24/10 15:29	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		11/24/10 15:29	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		11/24/10 15:29	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		11/24/10 15:29	630-20-6	

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-FIELD BLANK-2 **Lab ID: 4039888022** Collected: 11/18/10 15:10 Received: 11/19/10 13:38 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		11/24/10 15:29	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		11/24/10 15:29	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		11/24/10 15:29	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		11/24/10 15:29	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	1.0	0.97	1		11/24/10 15:29	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		11/24/10 15:29	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		11/24/10 15:29	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		11/24/10 15:29	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		11/24/10 15:29	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		11/24/10 15:29	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/24/10 15:29	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		11/24/10 15:29	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		11/24/10 15:29	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		11/24/10 15:29	179601-23-1	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		11/24/10 15:29	95-47-6	
4-Bromofluorobenzene (S)	97	%	69-130		1		11/24/10 15:29	460-00-4	
Dibromofluoromethane (S)	100	%	70-134		1		11/24/10 15:29	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		11/24/10 15:29	2037-26-5	

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-TRIP BLANK **Lab ID: 4039888023** Collected: 11/18/10 00:00 Received: 11/19/10 13:38 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		11/24/10 15:52	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		11/24/10 15:52	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		11/24/10 15:52	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		11/24/10 15:52	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		11/24/10 15:52	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		11/24/10 15:52	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		11/24/10 15:52	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		11/24/10 15:52	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/24/10 15:52	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		11/24/10 15:52	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		11/24/10 15:52	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		11/24/10 15:52	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/24/10 15:52	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		11/24/10 15:52	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		11/24/10 15:52	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		11/24/10 15:52	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		11/24/10 15:52	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		11/24/10 15:52	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		11/24/10 15:52	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		11/24/10 15:52	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		11/24/10 15:52	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		11/24/10 15:52	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		11/24/10 15:52	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		11/24/10 15:52	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		11/24/10 15:52	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		11/24/10 15:52	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		11/24/10 15:52	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		11/24/10 15:52	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		11/24/10 15:52	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		11/24/10 15:52	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		11/24/10 15:52	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		11/24/10 15:52	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		11/24/10 15:52	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		11/24/10 15:52	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		11/24/10 15:52	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		11/24/10 15:52	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		11/24/10 15:52	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		11/24/10 15:52	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		11/24/10 15:52	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		11/24/10 15:52	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		11/24/10 15:52	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		11/24/10 15:52	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		11/24/10 15:52	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		11/24/10 15:52	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		11/24/10 15:52	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		11/24/10 15:52	630-20-6	

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ANALYTICAL RESULTS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

Sample: 6140-TRIP BLANK **Lab ID: 4039888023** Collected: 11/18/10 00:00 Received: 11/19/10 13:38 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		11/24/10 15:52	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		11/24/10 15:52	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		11/24/10 15:52	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		11/24/10 15:52	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	1.0	0.97	1		11/24/10 15:52	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		11/24/10 15:52	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		11/24/10 15:52	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		11/24/10 15:52	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		11/24/10 15:52	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		11/24/10 15:52	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/24/10 15:52	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		11/24/10 15:52	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		11/24/10 15:52	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		11/24/10 15:52	179601-23-1	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		11/24/10 15:52	95-47-6	
4-Bromofluorobenzene (S)	94	%	69-130		1		11/24/10 15:52	460-00-4	
Dibromofluoromethane (S)	100	%	70-134		1		11/24/10 15:52	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		11/24/10 15:52	2037-26-5	

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QUALITY CONTROL DATA

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

QC Batch: MSV/9686 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 4039888001, 4039888002, 4039888003, 4039888004, 4039888005, 4039888006, 4039888007

METHOD BLANK: 387788 Matrix: Solid
Associated Lab Samples: 4039888001, 4039888002, 4039888003, 4039888004, 4039888005, 4039888006, 4039888007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<25.0	60.0	11/22/10 08:31	
1,1,1-Trichloroethane	ug/kg	<25.0	60.0	11/22/10 08:31	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	60.0	11/22/10 08:31	
1,1,2-Trichloroethane	ug/kg	<25.0	60.0	11/22/10 08:31	
1,1-Dichloroethane	ug/kg	<25.0	60.0	11/22/10 08:31	
1,1-Dichloroethene	ug/kg	<25.0	60.0	11/22/10 08:31	
1,1-Dichloropropene	ug/kg	<25.0	60.0	11/22/10 08:31	
1,2,3-Trichlorobenzene	ug/kg	<25.0	60.0	11/22/10 08:31	
1,2,3-Trichloropropane	ug/kg	<25.0	60.0	11/22/10 08:31	
1,2,4-Trichlorobenzene	ug/kg	<25.0	60.0	11/22/10 08:31	
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	11/22/10 08:31	
1,2-Dibromo-3-chloropropane	ug/kg	<82.3	250	11/22/10 08:31	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	60.0	11/22/10 08:31	
1,2-Dichlorobenzene	ug/kg	<44.4	60.0	11/22/10 08:31	
1,2-Dichloroethane	ug/kg	<25.0	60.0	11/22/10 08:31	
1,2-Dichloropropane	ug/kg	<25.0	60.0	11/22/10 08:31	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	11/22/10 08:31	
1,3-Dichlorobenzene	ug/kg	<25.0	60.0	11/22/10 08:31	
1,3-Dichloropropane	ug/kg	<25.0	60.0	11/22/10 08:31	
1,4-Dichlorobenzene	ug/kg	<25.0	60.0	11/22/10 08:31	
2,2-Dichloropropane	ug/kg	<25.0	60.0	11/22/10 08:31	
2-Chlorotoluene	ug/kg	<25.0	60.0	11/22/10 08:31	
4-Chlorotoluene	ug/kg	<25.0	60.0	11/22/10 08:31	
Benzene	ug/kg	<25.0	60.0	11/22/10 08:31	
Bromobenzene	ug/kg	<25.0	60.0	11/22/10 08:31	
Bromochloromethane	ug/kg	<25.0	60.0	11/22/10 08:31	
Bromodichloromethane	ug/kg	<25.0	60.0	11/22/10 08:31	
Bromoform	ug/kg	<25.9	60.0	11/22/10 08:31	
Bromomethane	ug/kg	<25.0	60.0	11/22/10 08:31	
Carbon tetrachloride	ug/kg	<25.0	60.0	11/22/10 08:31	
Chlorobenzene	ug/kg	<25.0	60.0	11/22/10 08:31	
Chloroethane	ug/kg	<25.0	60.0	11/22/10 08:31	
Chloroform	ug/kg	<25.0	60.0	11/22/10 08:31	
Chloromethane	ug/kg	<25.0	60.0	11/22/10 08:31	
cis-1,2-Dichloroethene	ug/kg	<25.0	60.0	11/22/10 08:31	
cis-1,3-Dichloropropene	ug/kg	<25.0	60.0	11/22/10 08:31	
Dibromochloromethane	ug/kg	<25.0	60.0	11/22/10 08:31	
Dibromomethane	ug/kg	<25.0	60.0	11/22/10 08:31	
Dichlorodifluoromethane	ug/kg	<25.0	60.0	11/22/10 08:31	
Diisopropyl ether	ug/kg	<25.0	60.0	11/22/10 08:31	
Ethylbenzene	ug/kg	<25.0	60.0	11/22/10 08:31	
Hexachloro-1,3-butadiene	ug/kg	<26.4	60.0	11/22/10 08:31	
Isopropylbenzene (Cumene)	ug/kg	<25.0	60.0	11/22/10 08:31	

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QUALITY CONTROL DATA

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

METHOD BLANK: 387788 Matrix: Solid

Associated Lab Samples: 4039888001, 4039888002, 4039888003, 4039888004, 4039888005, 4039888006, 4039888007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/kg	<50.0	120	11/22/10 08:31	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	11/22/10 08:31	
Methylene Chloride	ug/kg	<25.0	60.0	11/22/10 08:31	
n-Butylbenzene	ug/kg	<40.4	60.0	11/22/10 08:31	
n-Propylbenzene	ug/kg	<25.0	60.0	11/22/10 08:31	
Naphthalene	ug/kg	<25.0	60.0	11/22/10 08:31	
o-Xylene	ug/kg	<25.0	60.0	11/22/10 08:31	
p-Isopropyltoluene	ug/kg	<25.0	60.0	11/22/10 08:31	
sec-Butylbenzene	ug/kg	<25.0	60.0	11/22/10 08:31	
Styrene	ug/kg	<25.0	60.0	11/22/10 08:31	
tert-Butylbenzene	ug/kg	<25.0	60.0	11/22/10 08:31	
Tetrachloroethene	ug/kg	<25.0	60.0	11/22/10 08:31	
Toluene	ug/kg	<25.0	60.0	11/22/10 08:31	
trans-1,2-Dichloroethene	ug/kg	<25.0	60.0	11/22/10 08:31	
trans-1,3-Dichloropropene	ug/kg	<25.0	60.0	11/22/10 08:31	
Trichloroethene	ug/kg	<25.0	60.0	11/22/10 08:31	
Trichlorofluoromethane	ug/kg	<25.0	60.0	11/22/10 08:31	
Vinyl chloride	ug/kg	<25.0	60.0	11/22/10 08:31	
4-Bromofluorobenzene (S)	%	88	55-141	11/22/10 08:31	
Dibromofluoromethane (S)	%	96	67-143	11/22/10 08:31	
Toluene-d8 (S)	%	109	67-132	11/22/10 08:31	

LABORATORY CONTROL SAMPLE & LCSD: 387789 387790

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2470	2510	99	101	67-130	2	20	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2640	2510	105	100	70-130	5	20	
1,1,2-Trichloroethane	ug/kg	2500	2530	2670	101	107	70-130	5	20	
1,1-Dichloroethane	ug/kg	2500	2440	2400	97	96	70-130	1	20	
1,1-Dichloroethene	ug/kg	2500	2450	2450	98	98	70-130	.01	20	
1,2-Dichloroethane	ug/kg	2500	2420	2530	97	101	70-130	5	20	
1,2-Dichloropropane	ug/kg	2500	2530	2460	101	99	70-130	3	20	
Benzene	ug/kg	2500	2610	2670	104	107	70-130	2	20	
Bromodichloromethane	ug/kg	2500	2340	2340	94	94	70-130	.05	20	
Bromoform	ug/kg	2500	2230	2390	89	95	68-130	7	20	
Bromomethane	ug/kg	2500	2130	2230	85	89	52-160	5	20	
Carbon tetrachloride	ug/kg	2500	2460	2570	99	103	70-130	4	20	
Chlorobenzene	ug/kg	2500	2430	2460	97	98	70-130	1	20	
Chloroethane	ug/kg	2500	2750	2710	110	108	38-172	2	20	
Chloroform	ug/kg	2500	2460	2510	98	100	70-130	2	20	
Chloromethane	ug/kg	2500	2170	2230	87	89	68-130	2	20	
cis-1,2-Dichloroethene	ug/kg	2500	2540	2600	101	104	70-130	2	20	
cis-1,3-Dichloropropene	ug/kg	2500	2270	2230	91	89	70-130	2	20	
Dibromochloromethane	ug/kg	2500	2260	2400	91	96	70-130	6	20	
Ethylbenzene	ug/kg	2500	2770	2780	111	111	70-130	.3	20	

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QUALITY CONTROL DATA

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

LABORATORY CONTROL SAMPLE & LCSD: 387789 387790

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	5000	5180	5230	104	105	70-130	1	20	
Methylene Chloride	ug/kg	2500	2540	2630	102	105	70-130	3	20	
o-Xylene	ug/kg	2500	2480	2500	99	100	70-130	.5	20	
Styrene	ug/kg	2500	2440	2530	98	101	66-130	4	20	
Tetrachloroethene	ug/kg	2500	2450	2490	98	100	70-130	2	20	
Toluene	ug/kg	2500	2820	2890	113	115	70-130	2	20	
trans-1,2-Dichloroethene	ug/kg	2500	2500	2550	100	102	70-130	2	20	
trans-1,3-Dichloropropene	ug/kg	2500	2090	2170	84	87	70-130	4	20	
Trichloroethene	ug/kg	2500	2610	2570	104	103	70-130	2	20	
Vinyl chloride	ug/kg	2500	2130	2140	85	86	70-130	.2	20	
4-Bromofluorobenzene (S)	%				103	101	55-141			
Dibromofluoromethane (S)	%				106	108	67-143			
Toluene-d8 (S)	%				117	117	67-132			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 388083 388084

Parameter	Units	4039888007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<25.0	2850	2880	2830	2850	99	99	55-159	.8	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	2850	2880	2990	3070	105	107	59-143	3	25	
1,1,2-Trichloroethane	ug/kg	<25.0	2850	2880	3000	2870	105	100	70-135	4	20	
1,1-Dichloroethane	ug/kg	<25.0	2850	2880	2770	2740	97	96	67-133	.8	20	
1,1-Dichloroethene	ug/kg	<25.0	2850	2880	2680	2710	94	94	49-151	1	20	
1,2-Dichloroethane	ug/kg	<25.0	2850	2880	2910	2940	102	102	60-145	1	20	
1,2-Dichloropropane	ug/kg	<25.0	2850	2880	2800	2790	98	97	65-132	.4	20	
Benzene	ug/kg	<25.0	2850	2880	2980	2970	105	104	66-130	.3	20	
Bromodichloromethane	ug/kg	<25.0	2850	2880	2660	2630	93	92	52-150	1	20	
Bromoform	ug/kg	<25.9	2850	2880	2600	2550	91	89	43-143	2	20	
Bromomethane	ug/kg	<25.0	2850	2880	2750	2700	96	94	23-178	2	20	
Carbon tetrachloride	ug/kg	<25.0	2850	2880	2960	3010	104	105	50-169	1	20	
Chlorobenzene	ug/kg	<25.0	2850	2880	2930	2760	103	96	70-134	6	20	
Chloroethane	ug/kg	<25.0	2850	2880	3220	3360	113	117	10-200	4	20	
Chloroform	ug/kg	<25.0	2850	2880	2790	2810	98	98	63-145	.8	20	
Chloromethane	ug/kg	<25.0	2850	2880	2450	2540	86	89	33-130	4	20	
cis-1,2-Dichloroethene	ug/kg	<25.0	2850	2880	2810	2890	99	101	69-132	3	20	
cis-1,3-Dichloropropene	ug/kg	<25.0	2850	2880	2360	2350	83	82	60-133	.5	20	
Dibromochloromethane	ug/kg	<25.0	2850	2880	2740	2660	96	93	49-150	3	20	
Ethylbenzene	ug/kg	<25.0	2850	2880	3260	3110	114	109	62-154	5	20	
m&p-Xylene	ug/kg	<50.0	5710	5740	6170	5870	108	102	68-147	5	20	
Methylene Chloride	ug/kg	<25.0	2850	2880	2870	2970	100	103	57-146	3	20	
o-Xylene	ug/kg	<25.0	2850	2880	2920	2720	102	95	69-137	7	20	
Styrene	ug/kg	<25.0	2850	2880	2960	2840	104	99	63-130	4	20	
Tetrachloroethene	ug/kg	<25.0	2850	2880	2910	2760	102	96	61-152	5	20	
Toluene	ug/kg	<25.0	2850	2880	3360	3100	118	108	64-147	8	20	
trans-1,2-Dichloroethene	ug/kg	<25.0	2850	2880	2820	2870	99	100	64-132	2	20	
trans-1,3-Dichloropropene	ug/kg	<25.0	2850	2880	2310	2230	81	78	49-142	3	20	
Trichloroethene	ug/kg	<25.0	2850	2880	2940	2870	103	100	67-143	2	20	

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QUALITY CONTROL DATA

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 388083 388084

Parameter	Units	4039888007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Vinyl chloride	ug/kg	<25.0	2850	2880	2270	2370	80	83	36-130	4	20	
4-Bromofluorobenzene (S)	%						101	97	55-141			
Dibromofluoromethane (S)	%						106	103	67-143			
Toluene-d8 (S)	%						117	110	67-132			

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QUALITY CONTROL DATA

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

QC Batch: MSV/9698 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 4039888008, 4039888009, 4039888010, 4039888011, 4039888012, 4039888013, 4039888014, 4039888015, 4039888016, 4039888017, 4039888018, 4039888019, 4039888020

METHOD BLANK: 388089 Matrix: Solid
Associated Lab Samples: 4039888008, 4039888009, 4039888010, 4039888011, 4039888012, 4039888013, 4039888014, 4039888015, 4039888016, 4039888017, 4039888018, 4039888019, 4039888020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<25.0	60.0	11/23/10 08:44	
1,1,1-Trichloroethane	ug/kg	<25.0	60.0	11/23/10 08:44	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	60.0	11/23/10 08:44	
1,1,2-Trichloroethane	ug/kg	<25.0	60.0	11/23/10 08:44	
1,1-Dichloroethane	ug/kg	<25.0	60.0	11/23/10 08:44	
1,1-Dichloroethene	ug/kg	<25.0	60.0	11/23/10 08:44	
1,1-Dichloropropene	ug/kg	<25.0	60.0	11/23/10 08:44	
1,2,3-Trichlorobenzene	ug/kg	<25.0	60.0	11/23/10 08:44	
1,2,3-Trichloropropane	ug/kg	<25.0	60.0	11/23/10 08:44	
1,2,4-Trichlorobenzene	ug/kg	<25.0	60.0	11/23/10 08:44	
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	11/23/10 08:44	
1,2-Dibromo-3-chloropropane	ug/kg	<82.3	250	11/23/10 08:44	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	60.0	11/23/10 08:44	
1,2-Dichlorobenzene	ug/kg	<44.4	60.0	11/23/10 08:44	
1,2-Dichloroethane	ug/kg	<25.0	60.0	11/23/10 08:44	
1,2-Dichloropropane	ug/kg	<25.0	60.0	11/23/10 08:44	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	11/23/10 08:44	
1,3-Dichlorobenzene	ug/kg	<25.0	60.0	11/23/10 08:44	
1,3-Dichloropropane	ug/kg	<25.0	60.0	11/23/10 08:44	
1,4-Dichlorobenzene	ug/kg	<25.0	60.0	11/23/10 08:44	
2,2-Dichloropropane	ug/kg	<25.0	60.0	11/23/10 08:44	
2-Chlorotoluene	ug/kg	<25.0	60.0	11/23/10 08:44	
4-Chlorotoluene	ug/kg	<25.0	60.0	11/23/10 08:44	
Benzene	ug/kg	<25.0	60.0	11/23/10 08:44	
Bromobenzene	ug/kg	<25.0	60.0	11/23/10 08:44	
Bromochloromethane	ug/kg	<25.0	60.0	11/23/10 08:44	
Bromodichloromethane	ug/kg	<25.0	60.0	11/23/10 08:44	
Bromoform	ug/kg	<25.9	60.0	11/23/10 08:44	
Bromomethane	ug/kg	<25.0	60.0	11/23/10 08:44	
Carbon tetrachloride	ug/kg	<25.0	60.0	11/23/10 08:44	
Chlorobenzene	ug/kg	<25.0	60.0	11/23/10 08:44	
Chloroethane	ug/kg	<25.0	60.0	11/23/10 08:44	
Chloroform	ug/kg	<25.0	60.0	11/23/10 08:44	
Chloromethane	ug/kg	<25.0	60.0	11/23/10 08:44	
cis-1,2-Dichloroethene	ug/kg	<25.0	60.0	11/23/10 08:44	
cis-1,3-Dichloropropene	ug/kg	<25.0	60.0	11/23/10 08:44	
Dibromochloromethane	ug/kg	<25.0	60.0	11/23/10 08:44	
Dibromomethane	ug/kg	<25.0	60.0	11/23/10 08:44	
Dichlorodifluoromethane	ug/kg	<25.0	60.0	11/23/10 08:44	
Diisopropyl ether	ug/kg	<25.0	60.0	11/23/10 08:44	
Ethylbenzene	ug/kg	<25.0	60.0	11/23/10 08:44	

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QUALITY CONTROL DATA

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

METHOD BLANK: 388089 Matrix: Solid

Associated Lab Samples: 4039888008, 4039888009, 4039888010, 4039888011, 4039888012, 4039888013, 4039888014, 4039888015, 4039888016, 4039888017, 4039888018, 4039888019, 4039888020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<26.4	60.0	11/23/10 08:44	
Isopropylbenzene (Cumene)	ug/kg	<25.0	60.0	11/23/10 08:44	
m&p-Xylene	ug/kg	<50.0	120	11/23/10 08:44	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	11/23/10 08:44	
Methylene Chloride	ug/kg	<25.0	60.0	11/23/10 08:44	
n-Butylbenzene	ug/kg	<40.4	60.0	11/23/10 08:44	
n-Propylbenzene	ug/kg	<25.0	60.0	11/23/10 08:44	
Naphthalene	ug/kg	<25.0	60.0	11/23/10 08:44	
o-Xylene	ug/kg	<25.0	60.0	11/23/10 08:44	
p-Isopropyltoluene	ug/kg	<25.0	60.0	11/23/10 08:44	
sec-Butylbenzene	ug/kg	<25.0	60.0	11/23/10 08:44	
Styrene	ug/kg	<25.0	60.0	11/23/10 08:44	
tert-Butylbenzene	ug/kg	<25.0	60.0	11/23/10 08:44	
Tetrachloroethene	ug/kg	<25.0	60.0	11/23/10 08:44	
Toluene	ug/kg	<25.0	60.0	11/23/10 08:44	
trans-1,2-Dichloroethene	ug/kg	<25.0	60.0	11/23/10 08:44	
trans-1,3-Dichloropropene	ug/kg	<25.0	60.0	11/23/10 08:44	
Trichloroethene	ug/kg	<25.0	60.0	11/23/10 08:44	
Trichlorofluoromethane	ug/kg	<25.0	60.0	11/23/10 08:44	
Vinyl chloride	ug/kg	<25.0	60.0	11/23/10 08:44	
4-Bromofluorobenzene (S)	%	93	55-141	11/23/10 08:44	
Dibromofluoromethane (S)	%	91	67-143	11/23/10 08:44	
Toluene-d8 (S)	%	117	67-132	11/23/10 08:44	

LABORATORY CONTROL SAMPLE & LCSD: 388090 388091

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2150	2180	86	87	67-130	1	20	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2440	2310	98	92	70-130	6	20	
1,1,2-Trichloroethane	ug/kg	2500	2490	2490	100	100	70-130	.08	20	
1,1-Dichloroethane	ug/kg	2500	2190	2170	88	87	70-130	1	20	
1,1-Dichloroethene	ug/kg	2500	2300	2230	92	89	70-130	3	20	
1,2-Dichloroethane	ug/kg	2500	2190	2150	87	86	70-130	2	20	
1,2-Dichloropropane	ug/kg	2500	2430	2390	97	96	70-130	2	20	
Benzene	ug/kg	2500	2610	2570	104	103	70-130	1	20	
Bromodichloromethane	ug/kg	2500	2030	2050	81	82	70-130	.9	20	
Bromoform	ug/kg	2500	1930	1970	77	79	68-130	2	20	
Bromomethane	ug/kg	2500	1870	1950	75	78	52-160	4	20	
Carbon tetrachloride	ug/kg	2500	2120	2250	85	90	70-130	6	20	
Chlorobenzene	ug/kg	2500	2330	2320	93	93	70-130	.2	20	
Chloroethane	ug/kg	2500	2240	2300	90	92	38-172	3	20	
Chloroform	ug/kg	2500	2230	2210	89	88	70-130	1	20	
Chloromethane	ug/kg	2500	2330	2300	93	92	68-130	1	20	
cis-1,2-Dichloroethene	ug/kg	2500	2530	2510	101	100	70-130	.9	20	

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QUALITY CONTROL DATA

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

LABORATORY CONTROL SAMPLE & LCSD: 388090 388091

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
cis-1,3-Dichloropropene	ug/kg	2500	2120	2040	85	82	70-130	4	20	
Dibromochloromethane	ug/kg	2500	2040	2080	81	83	70-130	2	20	
Ethylbenzene	ug/kg	2500	2600	2600	104	104	70-130	.2	20	
m&p-Xylene	ug/kg	5000	4860	4940	97	99	70-130	1	20	
Methylene Chloride	ug/kg	2500	2450	2420	98	97	70-130	1	20	
o-Xylene	ug/kg	2500	2350	2340	94	94	70-130	.4	20	
Styrene	ug/kg	2500	2300	2310	92	92	66-130	.3	20	
Tetrachloroethene	ug/kg	2500	2320	2340	93	93	70-130	.9	20	
Toluene	ug/kg	2500	2720	2720	109	109	70-130	.03	20	
trans-1,2-Dichloroethene	ug/kg	2500	2350	2360	94	95	70-130	.5	20	
trans-1,3-Dichloropropene	ug/kg	2500	1920	1920	77	77	70-130	.04	20	
Trichloroethene	ug/kg	2500	2470	2430	99	97	70-130	2	20	
Vinyl chloride	ug/kg	2500	2260	2190	90	88	70-130	3	20	
4-Bromofluorobenzene (S)	%				93	99	55-141			
Dibromofluoromethane (S)	%				94	99	67-143			
Toluene-d8 (S)	%				109	112	67-132			

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QUALITY CONTROL DATA

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

QC Batch: MSV/9708 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 4039888021, 4039888022, 4039888023

METHOD BLANK: 388707 Matrix: Water
Associated Lab Samples: 4039888021, 4039888022, 4039888023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.92	1.0	11/24/10 10:56	
1,1,1-Trichloroethane	ug/L	<0.90	1.0	11/24/10 10:56	
1,1,2,2-Tetrachloroethane	ug/L	<0.20	1.0	11/24/10 10:56	
1,1,2-Trichloroethane	ug/L	<0.42	1.0	11/24/10 10:56	
1,1-Dichloroethane	ug/L	<0.75	1.0	11/24/10 10:56	
1,1-Dichloroethene	ug/L	<0.57	1.0	11/24/10 10:56	
1,1-Dichloropropene	ug/L	<0.75	1.0	11/24/10 10:56	
1,2,3-Trichlorobenzene	ug/L	<0.74	1.0	11/24/10 10:56	
1,2,3-Trichloropropane	ug/L	<0.99	1.0	11/24/10 10:56	
1,2,4-Trichlorobenzene	ug/L	<0.97	1.0	11/24/10 10:56	
1,2,4-Trimethylbenzene	ug/L	<0.97	1.0	11/24/10 10:56	
1,2-Dibromo-3-chloropropane	ug/L	<1.7	5.0	11/24/10 10:56	
1,2-Dibromoethane (EDB)	ug/L	<0.56	1.0	11/24/10 10:56	
1,2-Dichlorobenzene	ug/L	<0.83	1.0	11/24/10 10:56	
1,2-Dichloroethane	ug/L	<0.36	1.0	11/24/10 10:56	
1,2-Dichloropropane	ug/L	<0.49	1.0	11/24/10 10:56	
1,3,5-Trimethylbenzene	ug/L	<0.83	1.0	11/24/10 10:56	
1,3-Dichlorobenzene	ug/L	<0.87	1.0	11/24/10 10:56	
1,3-Dichloropropane	ug/L	<0.61	1.0	11/24/10 10:56	
1,4-Dichlorobenzene	ug/L	<0.95	1.0	11/24/10 10:56	
2,2-Dichloropropane	ug/L	<0.62	1.0	11/24/10 10:56	
2-Chlorotoluene	ug/L	<0.85	1.0	11/24/10 10:56	
4-Chlorotoluene	ug/L	<0.74	1.0	11/24/10 10:56	
Benzene	ug/L	<0.41	1.0	11/24/10 10:56	
Bromobenzene	ug/L	<0.82	1.0	11/24/10 10:56	
Bromochloromethane	ug/L	<0.97	1.0	11/24/10 10:56	
Bromodichloromethane	ug/L	<0.56	1.0	11/24/10 10:56	
Bromoform	ug/L	<0.94	1.0	11/24/10 10:56	
Bromomethane	ug/L	<0.91	1.0	11/24/10 10:56	
Carbon tetrachloride	ug/L	<0.49	1.0	11/24/10 10:56	
Chlorobenzene	ug/L	<0.41	1.0	11/24/10 10:56	
Chloroethane	ug/L	<0.97	1.0	11/24/10 10:56	
Chloroform	ug/L	<1.3	5.0	11/24/10 10:56	
Chloromethane	ug/L	<0.24	1.0	11/24/10 10:56	
cis-1,2-Dichloroethene	ug/L	<0.83	1.0	11/24/10 10:56	
cis-1,3-Dichloropropene	ug/L	<0.20	1.0	11/24/10 10:56	
Dibromochloromethane	ug/L	<0.81	1.0	11/24/10 10:56	
Dibromomethane	ug/L	<0.60	1.0	11/24/10 10:56	
Dichlorodifluoromethane	ug/L	<0.99	1.0	11/24/10 10:56	
Diisopropyl ether	ug/L	<0.76	1.0	11/24/10 10:56	
Ethylbenzene	ug/L	<0.54	1.0	11/24/10 10:56	
Hexachloro-1,3-butadiene	ug/L	<0.67	5.0	11/24/10 10:56	
Isopropylbenzene (Cumene)	ug/L	<0.59	1.0	11/24/10 10:56	

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QUALITY CONTROL DATA

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

METHOD BLANK: 388707 Matrix: Water

Associated Lab Samples: 4039888021, 4039888022, 4039888023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/L	<1.8	2.0	11/24/10 10:56	
Methyl-tert-butyl ether	ug/L	<0.61	1.0	11/24/10 10:56	
Methylene Chloride	ug/L	<0.43	1.0	11/24/10 10:56	
n-Butylbenzene	ug/L	<0.93	1.0	11/24/10 10:56	
n-Propylbenzene	ug/L	<0.81	1.0	11/24/10 10:56	
Naphthalene	ug/L	<0.89	5.0	11/24/10 10:56	
o-Xylene	ug/L	<0.83	1.0	11/24/10 10:56	
p-Isopropyltoluene	ug/L	<0.67	1.0	11/24/10 10:56	
sec-Butylbenzene	ug/L	<0.89	5.0	11/24/10 10:56	
Styrene	ug/L	<0.86	1.0	11/24/10 10:56	
tert-Butylbenzene	ug/L	<0.97	1.0	11/24/10 10:56	
Tetrachloroethene	ug/L	<0.45	1.0	11/24/10 10:56	
Toluene	ug/L	<0.67	1.0	11/24/10 10:56	
trans-1,2-Dichloroethene	ug/L	<0.89	1.0	11/24/10 10:56	
trans-1,3-Dichloropropene	ug/L	<0.19	1.0	11/24/10 10:56	
Trichloroethene	ug/L	<0.48	1.0	11/24/10 10:56	
Trichlorofluoromethane	ug/L	<0.79	1.0	11/24/10 10:56	
Vinyl chloride	ug/L	<0.18	1.0	11/24/10 10:56	
4-Bromofluorobenzene (S)	%	95	69-130	11/24/10 10:56	
Dibromofluoromethane (S)	%	101	70-134	11/24/10 10:56	
Toluene-d8 (S)	%	99	70-130	11/24/10 10:56	

LABORATORY CONTROL SAMPLE & LCSD: 388708 388709

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.2	55.5	110	111	70-132	.6	20	
1,1,2,2-Tetrachloroethane	ug/L	50	43.6	44.9	87	90	63-130	3	20	
1,1,2-Trichloroethane	ug/L	50	49.4	51.4	99	103	70-130	4	20	
1,1-Dichloroethane	ug/L	50	52.8	52.5	106	105	70-132	.5	20	
1,1-Dichloroethene	ug/L	50	53.7	53.2	107	106	70-137	1	20	
1,2-Dichloroethane	ug/L	50	53.8	53.9	108	108	70-130	.1	20	
1,2-Dichloropropane	ug/L	50	51.5	49.4	103	99	70-130	4	20	
Benzene	ug/L	50	50.7	51.4	101	103	70-130	1	20	
Bromodichloromethane	ug/L	50	53.4	53.1	107	106	70-131	.5	20	
Bromoform	ug/L	50	50.5	49.3	101	99	70-130	2	20	
Bromomethane	ug/L	50	51.0	52.0	102	104	53-160	2	20	
Carbon tetrachloride	ug/L	50	59.8	58.7	120	117	70-130	2	20	
Chlorobenzene	ug/L	50	50.3	49.8	101	100	70-130	1	20	
Chloroethane	ug/L	50	51.1	51.4	102	103	70-147	.5	20	
Chloroform	ug/L	50	52.2	52.7	104	105	70-130	.9	20	
Chloromethane	ug/L	50	45.7	48.3	91	97	41-137	6	20	
cis-1,2-Dichloroethene	ug/L	50	48.0	48.3	96	97	70-130	.5	20	
cis-1,3-Dichloropropene	ug/L	50	50.9	52.2	102	104	70-130	2	20	
Dibromochloromethane	ug/L	50	54.5	54.7	109	109	70-130	.5	20	
Ethylbenzene	ug/L	50	53.0	52.6	106	105	70-130	.8	20	

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QUALITY CONTROL DATA

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

LABORATORY CONTROL SAMPLE & LCSD: 388708 388709

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/L	100	107	107	107	107	70-130	.5	20	
Methylene Chloride	ug/L	50	49.3	50.5	99	101	70-130	2	20	
o-Xylene	ug/L	50	52.6	54.4	105	109	70-130	3	20	
Styrene	ug/L	50	51.6	52.3	103	105	70-130	1	20	
Tetrachloroethene	ug/L	50	50.9	52.3	102	105	70-130	3	20	
Toluene	ug/L	50	51.8	51.8	104	104	70-130	.2	20	
trans-1,2-Dichloroethene	ug/L	50	53.8	53.3	108	107	70-130	1	20	
trans-1,3-Dichloropropene	ug/L	50	49.7	49.8	99	100	70-130	.2	20	
Trichloroethene	ug/L	50	53.1	53.3	106	107	70-130	.4	20	
Vinyl chloride	ug/L	50	45.8	45.7	92	91	47-131	.2	20	
4-Bromofluorobenzene (S)	%				100	100	69-130			
Dibromofluoromethane (S)	%				103	101	70-134			
Toluene-d8 (S)	%				101	101	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 388866 388867

Parameter	Units	4039989001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.90	50	50	53.3	55.3	107	111	70-132	4	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.20	50	50	44.8	47.1	90	94	61-130	5	20	
1,1,2-Trichloroethane	ug/L	<0.42	50	50	49.6	51.5	99	103	70-130	4	20	
1,1-Dichloroethane	ug/L	<0.75	50	50	50.0	53.4	100	107	70-132	7	20	
1,1-Dichloroethene	ug/L	<0.57	50	50	50.8	52.0	102	104	70-137	2	20	
1,2-Dichloroethane	ug/L	<0.36	50	50	51.2	53.8	102	108	70-133	5	20	
1,2-Dichloropropane	ug/L	<0.49	50	50	48.6	53.3	97	107	70-130	9	20	
Benzene	ug/L	0.96J	50	50	49.4	52.8	97	104	70-130	7	20	
Bromodichloromethane	ug/L	<0.56	50	50	52.6	54.7	105	109	70-131	4	20	
Bromoform	ug/L	<0.94	50	50	48.6	49.2	97	98	68-130	1	20	
Bromomethane	ug/L	<0.91	50	50	48.0	50.8	96	102	47-177	6	20	
Carbon tetrachloride	ug/L	<0.49	50	50	55.5	57.8	111	116	70-149	4	20	
Chlorobenzene	ug/L	5.9	50	50	54.5	56.5	97	101	70-130	4	20	
Chloroethane	ug/L	<0.97	50	50	49.1	53.4	98	107	66-147	8	20	
Chloroform	ug/L	<1.3	50	50	50.1	53.3	100	107	70-130	6	20	
Chloromethane	ug/L	<0.24	50	50	40.4	44.0	81	88	41-137	9	20	
cis-1,2-Dichloroethene	ug/L	<0.83	50	50	46.7	50.2	93	100	70-130	7	20	
cis-1,3-Dichloropropene	ug/L	<0.20	50	50	50.3	53.6	101	107	70-130	6	20	
Dibromochloromethane	ug/L	<0.81	50	50	52.9	55.4	106	111	70-130	5	20	
Ethylbenzene	ug/L	<0.54	50	50	52.3	53.0	105	106	70-130	1	20	
m&p-Xylene	ug/L		100	100	105	110	105	110	70-130	5	20	
Methylene Chloride	ug/L	<0.43	50	50	47.2	48.9	94	98	70-130	3	20	
o-Xylene	ug/L		50	50	54.1	54.8	108	110	70-130	1	20	
Styrene	ug/L	<0.86	50	50	51.7	52.6	103	105	13-149	2	20	
Tetrachloroethene	ug/L	<0.45	50	50	52.3	52.4	105	105	70-130	.2	20	
Toluene	ug/L	<0.67	50	50	50.9	52.8	102	106	70-130	4	20	
trans-1,2-Dichloroethene	ug/L	<0.89	50	50	50.5	53.6	101	107	70-130	6	20	
trans-1,3-Dichloropropene	ug/L	<0.19	50	50	49.7	51.4	99	103	70-130	3	20	
Trichloroethene	ug/L	<0.48	50	50	52.1	53.3	104	107	70-130	2	20	

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QUALITY CONTROL DATA

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 388866 388867

Parameter	Units	4039989001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Vinyl chloride	ug/L	<0.18	50	50	40.9	43.1	82	86	46-131	5	20	
4-Bromofluorobenzene (S)	%						98	101	69-130			
Dibromofluoromethane (S)	%						95	101	70-134			
Toluene-d8 (S)	%						101	103	70-130			

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QUALITY CONTROL DATA

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

QC Batch: PMST/4927
Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4039888001, 4039888002, 4039888003, 4039888004, 4039888005, 4039888006, 4039888007, 4039888008, 4039888009, 4039888010, 4039888011, 4039888012, 4039888013, 4039888014, 4039888015, 4039888016, 4039888017, 4039888018, 4039888019, 4039888020

SAMPLE DUPLICATE: 388556

Parameter	Units	4039888001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.3	13.8	4	10	

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QUALIFIERS

Project: 6140 ONE HOUR MARTINIZING
Pace Project No.: 4039888

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: MSV/9699

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

S4	Surrogate recovery not evaluated against control limits due to sample dilution.
W	Non-detect results are reported on a wet weight basis.

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

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KM

4039888

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	ENVIROFORENSICS
Branch/Location:	602 N. Capitol Ave. Indpls, IN
Project Contact:	Keith Gaskill
Phone:	317-972-7870
Project Number:	6140
Project Name:	One Hour Martinizing
Project State:	WISCONSIN
Sampled By (Print):	JORDAN GOFF
Sampled By (Sign):	
PO #:	2010224
Regulatory Program:	

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	Keith Gaskill
Invoice To Company:	Enviroforensics
Invoice To Address:	602 N. Capitol Avenue Suite 210, Indpls, IN 46204
Invoice To Phone:	

Data Package Options (billable)
- ☐ EPA Level III
- ☒ EPA Level IV

MS/MSD
- ☒ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: 8260 VOCs	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	6140-DP-6-(4-6)	11/18/10	945	S		F	2		1-40ml F 4oz poly	
002	6140-DP6-(18-20)	11/18/10	945	S			2			
003	6140-DP6-(30-32)	11/18/10	945	S			2			
004	6140-DP-7-(2-4)	11/18/10	1015	S			2			
005	6140-DP-7-(10-12)	11/18/10	1035	S			2			
006	6140-DP-7-(30-32)	11/18/10	1035	S			2			
007	6140-DP-8-(2-4)	11/18/10	1055	S			6	MS/MSD	3-40ml F 3-4oz poly	
008	6140-DP-8-(10-12)	11/18/10	1110	S			2		1-40ml F 1-4oz poly	
009	6140-DP-8-(30-32)	11/18/10	1130	S			2			
010	6140-DP-9-(2-4)	11/18/10	1300	S			2			
011	6140-DP-9-(18-20)	11/18/10	1300	S			2			
012	6140-DP9-(30-32)	11/18/10	1300	S			2			

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Jordan Goff	11/19/10 0710	D. Fennell	11/19/10 0710
D. Fennell	11/19/10 1200		11/19/10 1200
	11/19/10 1338		11/19/10 1338

PACE Project No.: 4039888

Receipt Temp = R01 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal: Present / (Not Present) Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

4039888

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UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	ENVIROFORENSICS
Branch/Location:	602 N. Capitol Ave. Ste. 210, Indpls, IN
Project Contact:	Keith Gaskell
Phone:	317-972-7870
Project Number:	6140
Project Name:	One Hour Martinizing
Project State:	Wisconsin
Sampled By (Print):	JORDAN COOK
Sampled By (Sign):	
PO #:	2010224
Regulatory Program:	

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	Keith Gaskell
Invoice To Company:	Enviroforensics
Invoice To Address:	602 N. Capitol Ave. Ste. 210 Indpls, IN 46204
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ on your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, W = Water, B = Biota, DW = Drinking Water, C = Charcoal, GW = Ground Water, O = Oil, SW = Surface Water, S = Soil, WW = Waste Water, SI = Sludge, WP = Wipe

FILTERED? (YES/NO): Y/N
PRESERVATION (CODE)*: Pick Letter: F

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested: VOCs 8260	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
013	6140-DP-10-(2-4)	11/18/10	1330	S	2		1-40ml F, 1-4oz poly
014	6140-DP-10-(10-12)	11/18/10	1330	S	2		
015	6140-DP-10-(30-32)	11/18/10	1330	S	2		
016	6140-DP-11-(2-4)	11/18/10	1410	S	2		
017	6140-DP-11-(10-12)	11/18/10	1410	S	2		
018	6140-DP-11-(30-32)	11/18/10	1410	S	2		
019	6140-DUP-1	11/18/10		S	2		
020	6140-DUP-2	11/18/10		S	2		
021	6140-Field blank-1	11/18/10	1500	W	3		3-40ml B
022	6140-Field blank-2	11/18/10	1510	W	3		
023	6140-Trip Blank				2		2-40ml B

Profile #

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):
Email #1:
Email #2:
Telephone:
Fax:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
	11/19/10 0710	D. Ferrell	11/19/10 0710
D. Ferrell	11/19/10 1200		11/19/10 1200
	11/19/10 1338		11/19/10 1338
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:

PACE Project No.

Receipt Temp = R01 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

TestAmerica Job ID: 500-51815-1
Client Project/Site: One Hour Martinizing - Wauwatosa 6140

For:
Environmental Forensic Investigation Inc
200 S. Executive Drive, Ste 101
Brookfield, Wisconsin 53045

Attn: Mr. Wayne Fassbender

Sandie Fredrick

Authorized for release by:
11/5/2012 8:34:28 AM

Sandie Fredrick
Project Manager I
sandie.fredrick@testamericainc.com

Table of Contents

Job ID: 500-51815-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-51815-1

Comments
No additional comments.

Receipt
The samples were received on 10/29/2012 9:50 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 6.0º C.

GC/MS VOA
Method(s) 5035: MeOH extract vials have < 8 grams of soil in 10 ml MeOH.

No other analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

Detection Summary

Client: Environmental Forensic Investigation Inc
Project/Site: One Hour Martinizing - Wauwatosa 6140

TestAmerica Job ID: 500-51815-1

Client Sample ID: 6140-DP-12 (2.5-5) — Lab Sample ID: 500-51815-1

No Detections

Client Sample ID: 6140-DP-12 (10-12.5) — Lab Sample ID: 500-51815-2

No Detections

Client Sample ID: 6140-DP-12 (32-.5-35) — Lab Sample ID: 500-51815-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	48		45	7.5	ug/Kg	50	☼	8260B	Total/NA

Client Sample ID: 6140-DP-13 (2.5-5) — Lab Sample ID: 500-51815-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	530		45	7.4	ug/Kg	50	☼	8260B	Total/NA

Client Sample ID: 6140-DP-13 (10-12.5) — Lab Sample ID: 500-51815-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	110		43	7.2	ug/Kg	50	☼	8260B	Total/NA

Client Sample ID: 6140-DP-13 (32.5-35) — Lab Sample ID: 500-51815-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	34	J	55	9.1	ug/Kg	50	☼	8260B	Total/NA

Client Sample ID: 6140-DP-14 (50-52) — Lab Sample ID: 500-51815-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	21	J	45	7.5	ug/Kg	50	☼	8260B	Total/NA

Method Summary

Client: Environmental Forensic Investigation Inc
Project/Site: One Hour Martinizing - Wauwatosa 6140

TestAmerica Job ID: 500-51815-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

Client: Environmental Forensic Investigation Inc
Project/Site: One Hour Martinizing - Wauwatosa 6140

TestAmerica Job ID: 500-51815-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-51815-1	6140-DP-12 (2.5-5)	Solid	10/23/12 11:00	10/29/12 09:50
500-51815-2	6140-DP-12 (10-12.5)	Solid	10/23/12 11:00	10/29/12 09:50
500-51815-3	6140-DP-12 (32-.5-35)	Solid	10/23/12 11:00	10/29/12 09:50
500-51815-4	6140-DP-13 (2.5-5)	Solid	10/23/12 09:50	10/29/12 09:50
500-51815-5	6140-DP-13 (10-12.5)	Solid	10/23/12 09:50	10/29/12 09:50
500-51815-6	6140-DP-13 (32.5-35)	Solid	10/23/12 09:50	10/29/12 09:50
500-51815-7	6140-DP-14 (50-52)	Solid	10/23/12 12:00	10/29/12 09:50

Client: Environmental Forensic Investigation Inc
Project/Site: One Hour Martinizing - Wauwatosa 6140

TestAmerica Job ID: 500-51815-1

Client Sample ID: 6140-DP-12 (2.5-5)
Date Collected: 10/23/12 11:00
Date Received: 10/29/12 09:50

Lab Sample ID: 500-51815-1
Matrix: Solid
Percent Solids: 93.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<23		130	23	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
1,1,1-Trichloroethane	<13		66	13	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
1,1,2,2-Tetrachloroethane	<15		66	15	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
1,1,2-Trichloroethane	<18		66	18	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
1,1-Dichloroethane	<12		66	12	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
1,1-Dichloroethene	<20		66	20	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
1,1-Dichloropropene	<23		66	23	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
1,2,3-Trichlorobenzene	<23		130	23	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
1,2,3-Trichloropropane	<38		130	38	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
1,2,4-Trichlorobenzene	<25		130	25	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
1,2,4-Trimethylbenzene	<14		130	14	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
1,2-Dibromo-3-Chloropropane	<58		130	58	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
1,2-Dibromoethane	<21		130	21	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
1,2-Dichlorobenzene	<14		130	14	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
1,2-Dichloroethane	<19		66	19	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
1,2-Dichloropropane	<13		66	13	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
1,3,5-Trimethylbenzene	<14		130	14	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
1,3-Dichlorobenzene	<17		130	17	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
1,3-Dichloropropane	<8.9		66	8.9	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
1,4-Dichlorobenzene	<12		130	12	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
2,2-Dichloropropane	<21		66	21	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
2-Chlorotoluene	<14		66	14	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
4-Chlorotoluene	<13		66	13	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
Benzene	<4.9		17	4.9	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
Bromobenzene	<28		130	28	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
Bromochloromethane	<25		130	25	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
Bromodichloromethane	<22		130	22	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
Bromoform	<29		130	29	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
Bromomethane	<45		130	45	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
Carbon tetrachloride	<17		66	17	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
Chlorobenzene	<9.5		66	9.5	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
Chloroethane	<29		130	29	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
Chloroform	<14		66	14	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
Chloromethane	<31		130	31	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
cis-1,2-Dichloroethene	<8.1		66	8.1	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
cis-1,3-Dichloropropene	<12		66	12	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
Dibromochloromethane	<23		130	23	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
Dibromomethane	<32		130	32	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
Dichlorodifluoromethane	<34		130	34	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
Ethylbenzene	<8.3		17	8.3	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
Hexachlorobutadiene	<23		130	23	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
Isopropyl ether	<9.7		130	9.7	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
Isopropylbenzene	<17		130	17	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
Methyl tert-butyl ether	<28		130	28	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
Methylene Chloride	<45		330	45	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
Naphthalene	<33		130	33	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
n-Butylbenzene	<8.5		66	8.5	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
N-Propylbenzene	<12		130	12	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
p-Isopropyltoluene	<12		130	12	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
sec-Butylbenzene	<10		66	10	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
Styrene	<6.5		66	6.5	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50

Client: Environmental Forensic Investigation Inc
Project/Site: One Hour Martinizing - Wauwatosa 6140

TestAmerica Job ID: 500-51815-1

Client Sample ID: 6140-DP-12 (2.5-5)
Date Collected: 10/23/12 11:00
Date Received: 10/29/12 09:50

Lab Sample ID: 500-51815-1
Matrix: Solid
Percent Solids: 93.9

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	<9.0		66	9.0	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
Tetrachloroethene	<11		66	11	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
Toluene	<7.6		17	7.6	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
trans-1,2-Dichloroethene	<17		66	17	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
trans-1,3-Dichloropropene	<14		66	14	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
Trichloroethene	<12		33	12	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
Trichlorofluoromethane	<27		130	27	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
Vinyl chloride	<6.9		17	6.9	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50
Xylenes, Total	<4.5		33	4.5	ug/Kg	☼	10/23/12 11:00	11/03/12 01:35	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 131*	*10/23/12 11:00*	*11/03/12 01:35*	*50*
4-Bromofluorobenzene (Surr)	*96*		*79 - 120*	*10/23/12 11:00*	*11/03/12 01:35*	*50*
Dibromofluoromethane	*94*		*74 - 123*	*10/23/12 11:00*	*11/03/12 01:35*	*50*
Toluene-d8 (Surr)	*99*		*80 - 120*	*10/23/12 11:00*	*11/03/12 01:35*	*50*

Client Sample ID: 6140-DP-12 (10-12.5)
Date Collected: 10/23/12 11:00
Date Received: 10/29/12 09:50

Lab Sample ID: 500-51815-2
Matrix: Solid
Percent Solids: 97.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<17		98	17	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
1,1,1-Trichloroethane	<9.8		49	9.8	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
1,1,2,2-Tetrachloroethane	<11		49	11	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
1,1,2-Trichloroethane	<14		49	14	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
1,1-Dichloroethane	<9.0		49	9.0	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
1,1-Dichloroethene	<15		49	15	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
1,1-Dichloropropene	<17		49	17	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
1,2,3-Trichlorobenzene	<17		98	17	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
1,2,3-Trichloropropane	<28		98	28	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
1,2,4-Trichlorobenzene	<18		98	18	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
1,2,4-Trimethylbenzene	<10		98	10	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
1,2-Dibromo-3-Chloropropane	<43		98	43	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
1,2-Dibromoethane	<15		98	15	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
1,2-Dichlorobenzene	<10		98	10	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
1,2-Dichloroethane	<14		49	14	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
1,2-Dichloropropane	<9.6		49	9.6	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
1,3,5-Trimethylbenzene	<10		98	10	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
1,3-Dichlorobenzene	<13		98	13	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
1,3-Dichloropropane	<6.6		49	6.6	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
1,4-Dichlorobenzene	<8.5		98	8.5	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
2,2-Dichloropropane	<15		49	15	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
2-Chlorotoluene	<10		49	10	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
4-Chlorotoluene	<9.6		49	9.6	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
Benzene	<3.6		12	3.6	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
Bromobenzene	<21		98	21	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
Bromochloromethane	<18		98	18	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
Bromodichloromethane	<17		98	17	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
Bromoform	<22		98	22	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
Bromomethane	<33		98	33	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50

Client: Environmental Forensic Investigation Inc
Project/Site: One Hour Martinizing - Wauwatosa 6140

TestAmerica Job ID: 500-51815-1

Client Sample ID: 6140-DP-12 (10-12.5) — **Lab Sample ID: 500-51815-2**
Date Collected: 10/23/12 11:00 — **Matrix: Solid**
Date Received: 10/29/12 09:50 — **Percent Solids: 97.2**

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	<13		49	13	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
Chlorobenzene	<7.0		49	7.0	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
Chloroethane	<21		98	21	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
Chloroform	<10		49	10	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
Chloromethane	<23		98	23	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
cis-1,2-Dichloroethene	<6.0		49	6.0	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
cis-1,3-Dichloropropene	<8.7		49	8.7	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
Dibromochloromethane	<17		98	17	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
Dibromomethane	<23		98	23	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
Dichlorodifluoromethane	<25		98	25	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
Ethylbenzene	<6.2		12	6.2	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
Hexachlorobutadiene	<17		98	17	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
Isopropyl ether	<7.2		98	7.2	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
Isopropylbenzene	<12		98	12	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
Methyl tert-butyl ether	<21		98	21	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
Methylene Chloride	<33		240	33	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
Naphthalene	<24		98	24	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
n-Butylbenzene	<6.3		49	6.3	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
N-Propylbenzene	<8.6		98	8.6	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
p-Isopropyltoluene	<9.0		98	9.0	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
sec-Butylbenzene	<7.5		49	7.5	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
Styrene	<4.8		49	4.8	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
tert-Butylbenzene	<6.6		49	6.6	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
Tetrachloroethene	<8.2		49	8.2	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
Toluene	<5.6		12	5.6	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
trans-1,2-Dichloroethene	<12		49	12	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
trans-1,3-Dichloropropene	<10		49	10	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
Trichloroethene	<9.1		24	9.1	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
Trichlorofluoromethane	<20		98	20	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
Vinyl chloride	<5.1		12	5.1	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50
Xylenes, Total	<3.3		24	3.3	ug/Kg	☼	10/23/12 11:00	11/03/12 01:59	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 131*	*10/23/12 11:00*	*11/03/12 01:59*	*50*
4-Bromofluorobenzene (Surr)	*93*		*79 - 120*	*10/23/12 11:00*	*11/03/12 01:59*	*50*
Dibromofluoromethane	*102*		*74 - 123*	*10/23/12 11:00*	*11/03/12 01:59*	*50*
Toluene-d8 (Surr)	*97*		*80 - 120*	*10/23/12 11:00*	*11/03/12 01:59*	*50*

Client Sample ID: 6140-DP-12 (32-.5-35) — **Lab Sample ID: 500-51815-3**
Date Collected: 10/23/12 11:00 — **Matrix: Solid**
Date Received: 10/29/12 09:50 — **Percent Solids: 90.0**

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<15		89	15	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
1,1,1-Trichloroethane	<9.0		45	9.0	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
1,1,2,2-Tetrachloroethane	<10		45	10	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
1,1,2-Trichloroethane	<12		45	12	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
1,1-Dichloroethane	<8.3		45	8.3	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
1,1-Dichloroethene	<14		45	14	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
1,1-Dichloropropene	<15		45	15	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50

Client: Environmental Forensic Investigation Inc
Project/Site: One Hour Martinizing - Wauwatosa 6140

TestAmerica Job ID: 500-51815-1

Client Sample ID: 6140-DP-12 (32-.5-35)
Date Collected: 10/23/12 11:00
Date Received: 10/29/12 09:50

Lab Sample ID: 500-51815-3
Matrix: Solid
Percent Solids: 90.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<16		89	16	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
1,2,3-Trichloropropane	<26		89	26	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
1,2,4-Trichlorobenzene	<17		89	17	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
1,2,4-Trimethylbenzene	<9.4		89	9.4	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
1,2-Dibromo-3-Chloropropane	<39		89	39	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
1,2-Dibromoethane	<14		89	14	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
1,2-Dichlorobenzene	<9.2		89	9.2	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
1,2-Dichloroethane	<13		45	13	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
1,2-Dichloropropane	<8.8		45	8.8	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
1,3,5-Trimethylbenzene	<9.2		89	9.2	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
1,3-Dichlorobenzene	<11		89	11	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
1,3-Dichloropropane	<6.0		45	6.0	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
1,4-Dichlorobenzene	<7.8		89	7.8	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
2,2-Dichloropropane	<14		45	14	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
2-Chlorotoluene	<9.2		45	9.2	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
4-Chlorotoluene	<8.8		45	8.8	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
Benzene	<3.3		11	3.3	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
Bromobenzene	<19		89	19	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
Bromochloromethane	<17		89	17	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
Bromodichloromethane	<15		89	15	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
Bromoform	<20		89	20	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
Bromomethane	<30		89	30	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
Carbon tetrachloride	<11		45	11	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
Chlorobenzene	<6.4		45	6.4	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
Chloroethane	<19		89	19	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
Chloroform	<9.2		45	9.2	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
Chloromethane	<21		89	21	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
cis-1,2-Dichloroethene	<5.5		45	5.5	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
cis-1,3-Dichloropropene	<8.0		45	8.0	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
Dibromochloromethane	<15		89	15	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
Dibromomethane	<21		89	21	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
Dichlorodifluoromethane	<23		89	23	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
Ethylbenzene	<5.6		11	5.6	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
Hexachlorobutadiene	<15		89	15	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
Isopropyl ether	<6.6		89	6.6	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
Isopropylbenzene	<11		89	11	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
Methyl tert-butyl ether	<19		89	19	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
Methylene Chloride	<31		220	31	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
Naphthalene	<22		89	22	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
n-Butylbenzene	<5.8		45	5.8	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
N-Propylbenzene	<7.8		89	7.8	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
p-Isopropyltoluene	<8.3		89	8.3	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
sec-Butylbenzene	<6.9		45	6.9	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
Styrene	<4.4		45	4.4	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
tert-Butylbenzene	<6.1		45	6.1	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
Tetrachloroethene	**48**		45	7.5	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
Toluene	<5.1		11	5.1	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
trans-1,2-Dichloroethene	<11		45	11	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
trans-1,3-Dichloropropene	<9.3		45	9.3	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
Trichloroethene	<8.3		22	8.3	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
Trichlorofluoromethane	<19		89	19	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50

Client Sample ID: 6140-DP-12 (32-.5-35)
Date Collected: 10/23/12 11:00
Date Received: 10/29/12 09:50

Lab Sample ID: 500-51815-3
Matrix: Solid
Percent Solids: 90.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	<4.6		11	4.6	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50
Xylenes, Total	<3.1		22	3.1	ug/Kg	☼	10/23/12 11:00	11/03/12 02:24	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 131*	*10/23/12 11:00*	*11/03/12 02:24*	*50*
4-Bromofluorobenzene (Surr)	*96*		*79 - 120*	*10/23/12 11:00*	*11/03/12 02:24*	*50*
Dibromofluoromethane	*101*		*74 - 123*	*10/23/12 11:00*	*11/03/12 02:24*	*50*
Toluene-d8 (Surr)	*99*		*80 - 120*	*10/23/12 11:00*	*11/03/12 02:24*	*50*

Client Sample ID: 6140-DP-13 (2.5-5)
Date Collected: 10/23/12 09:50
Date Received: 10/29/12 09:50

Lab Sample ID: 500-51815-4
Matrix: Solid
Percent Solids: 87.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<15		89	15	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
1,1,1-Trichloroethane	<8.9		45	8.9	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
1,1,2,2-Tetrachloroethane	<10		45	10	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
1,1,2-Trichloroethane	<12		45	12	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
1,1-Dichloroethane	<8.2		45	8.2	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
1,1-Dichloroethene	<14		45	14	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
1,1-Dichloropropene	<15		45	15	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
1,2,3-Trichlorobenzene	<16		89	16	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
1,2,3-Trichloropropane	<26		89	26	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
1,2,4-Trichlorobenzene	<17		89	17	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
1,2,4-Trimethylbenzene	<9.4		89	9.4	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
1,2-Dibromo-3-Chloropropane	<39		89	39	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
1,2-Dibromoethane	<14		89	14	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
1,2-Dichlorobenzene	<9.1		89	9.1	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
1,2-Dichloroethane	<13		45	13	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
1,2-Dichloropropane	<8.7		45	8.7	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
1,3,5-Trimethylbenzene	<9.2		89	9.2	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
1,3-Dichlorobenzene	<11		89	11	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
1,3-Dichloropropane	<6.0		45	6.0	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
1,4-Dichlorobenzene	<7.7		89	7.7	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
2,2-Dichloropropane	<14		45	14	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
2-Chlorotoluene	<9.2		45	9.2	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
4-Chlorotoluene	<8.8		45	8.8	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
Benzene	<3.3		11	3.3	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
Bromobenzene	<19		89	19	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
Bromochloromethane	<17		89	17	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
Bromodichloromethane	<15		89	15	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
Bromoform	<20		89	20	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
Bromomethane	<30		89	30	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
Carbon tetrachloride	<11		45	11	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
Chlorobenzene	<6.4		45	6.4	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
Chloroethane	<19		89	19	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
Chloroform	<9.1		45	9.1	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
Chloromethane	<21		89	21	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
cis-1,2-Dichloroethene	<5.5		45	5.5	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
cis-1,3-Dichloropropene	<7.9		45	7.9	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50

Client Sample ID: 6140-DP-13 (2.5-5)

Lab Sample ID: 500-51815-4

Date Collected: 10/23/12 09:50
Matrix: Solid
Date Received: 10/29/12 09:50
Percent Solids: 87.6

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	<15		89	15	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
Dibromomethane	<21		89	21	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
Dichlorodifluoromethane	<23		89	23	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
Ethylbenzene	<5.6		11	5.6	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
Hexachlorobutadiene	<15		89	15	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
Isopropyl ether	<6.5		89	6.5	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
Isopropylbenzene	<11		89	11	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
Methyl tert-butyl ether	<19		89	19	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
Methylene Chloride	<30		220	30	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
Naphthalene	<22		89	22	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
n-Butylbenzene	<5.7		45	5.7	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
N-Propylbenzene	<7.8		89	7.8	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
p-Isopropyltoluene	<8.2		89	8.2	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
sec-Butylbenzene	<6.9		45	6.9	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
Styrene	<4.4		45	4.4	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
tert-Butylbenzene	<6.1		45	6.1	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
Tetrachloroethene	**530**		45	7.4	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
Toluene	<5.1		11	5.1	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
trans-1,2-Dichloroethene	<11		45	11	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
trans-1,3-Dichloropropene	<9.3		45	9.3	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
Trichloroethene	<8.3		22	8.3	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
Trichlorofluoromethane	<18		89	18	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
Vinyl chloride	<4.6		11	4.6	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50
Xylenes, Total	<3.0		22	3.0	ug/Kg	☼	10/23/12 09:50	11/03/12 02:48	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 131*	*10/23/12 09:50*	*11/03/12 02:48*	*50*
4-Bromofluorobenzene (Surr)	*93*		*79 - 120*	*10/23/12 09:50*	*11/03/12 02:48*	*50*
Dibromofluoromethane	*101*		*74 - 123*	*10/23/12 09:50*	*11/03/12 02:48*	*50*
Toluene-d8 (Surr)	*97*		*80 - 120*	*10/23/12 09:50*	*11/03/12 02:48*	*50*

Client Sample ID: 6140-DP-13 (10-12.5)

Lab Sample ID: 500-51815-5

Date Collected: 10/23/12 09:50
Matrix: Solid
Date Received: 10/29/12 09:50
Percent Solids: 96.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<15		86	15	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
1,1,1-Trichloroethane	<8.7		43	8.7	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
1,1,2,2-Tetrachloroethane	<10		43	10	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
1,1,2-Trichloroethane	<12		43	12	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
1,1-Dichloroethane	<8.0		43	8.0	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
1,1-Dichloroethene	<13		43	13	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
1,1-Dichloropropene	<15		43	15	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
1,2,3-Trichlorobenzene	<15		86	15	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
1,2,3-Trichloropropane	<25		86	25	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
1,2,4-Trichlorobenzene	<16		86	16	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
1,2,4-Trimethylbenzene	<9.1		86	9.1	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
1,2-Dibromo-3-Chloropropane	<38		86	38	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
1,2-Dibromoethane	<14		86	14	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
1,2-Dichlorobenzene	<8.8		86	8.8	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50

Client: Environmental Forensic Investigation Inc
Project/Site: One Hour Martinizing - Wauwatosa 6140

TestAmerica Job ID: 500-51815-1

Client Sample ID: 6140-DP-13 (10-12.5)
Date Collected: 10/23/12 09:50
Date Received: 10/29/12 09:50

Lab Sample ID: 500-51815-5
Matrix: Solid
Percent Solids: 96.7

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	<12		43	12	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
1,2-Dichloropropane	<8.4		43	8.4	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
1,3,5-Trimethylbenzene	<8.9		86	8.9	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
1,3-Dichlorobenzene	<11		86	11	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
1,3-Dichloropropane	<5.8		43	5.8	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
1,4-Dichlorobenzene	<7.5		86	7.5	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
2,2-Dichloropropane	<14		43	14	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
2-Chlorotoluene	<8.9		43	8.9	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
4-Chlorotoluene	<8.5		43	8.5	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
Benzene	<3.2		11	3.2	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
Bromobenzene	<18		86	18	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
Bromochloromethane	<16		86	16	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
Bromodichloromethane	<15		86	15	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
Bromoform	<19		86	19	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
Bromomethane	<29		86	29	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
Carbon tetrachloride	<11		43	11	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
Chlorobenzene	<6.2		43	6.2	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
Chloroethane	<19		86	19	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
Chloroform	<8.8		43	8.8	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
Chloromethane	<20		86	20	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
cis-1,2-Dichloroethene	<5.3		43	5.3	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
cis-1,3-Dichloropropene	<7.7		43	7.7	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
Dibromochloromethane	<15		86	15	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
Dibromomethane	<21		86	21	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
Dichlorodifluoromethane	<22		86	22	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
Ethylbenzene	<5.4		11	5.4	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
Hexachlorobutadiene	<15		86	15	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
Isopropyl ether	<6.3		86	6.3	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
Isopropylbenzene	<11		86	11	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
Methyl tert-butyl ether	<19		86	19	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
Methylene Chloride	<29		220	29	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
Naphthalene	<21		86	21	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
n-Butylbenzene	<5.6		43	5.6	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
N-Propylbenzene	<7.5		86	7.5	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
p-Isopropyltoluene	<8.0		86	8.0	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
sec-Butylbenzene	<6.6		43	6.6	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
Styrene	<4.3		43	4.3	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
tert-Butylbenzene	<5.9		43	5.9	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
Tetrachloroethene	**110**		43	7.2	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
Toluene	<5.0		11	5.0	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
trans-1,2-Dichloroethene	<11		43	11	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
trans-1,3-Dichloropropene	<9.0		43	9.0	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
Trichloroethene	<8.0		22	8.0	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
Trichlorofluoromethane	<18		86	18	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
Vinyl chloride	<4.5		11	4.5	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50
Xylenes, Total	<2.9		22	2.9	ug/Kg	☼	10/23/12 09:50	11/03/12 03:12	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 131*	*10/23/12 09:50*	*11/03/12 03:12*	*50*
4-Bromofluorobenzene (Surr)	*93*		*79 - 120*	*10/23/12 09:50*	*11/03/12 03:12*	*50*
Dibromofluoromethane	*98*		*74 - 123*	*10/23/12 09:50*	*11/03/12 03:12*	*50*

Client: Environmental Forensic Investigation Inc
Project/Site: One Hour Martinizing - Wauwatosa 6140

TestAmerica Job ID: 500-51815-1

Client Sample ID: 6140-DP-13 (10-12.5) — **Lab Sample ID: 500-51815-5**
Date Collected: 10/23/12 09:50 — **Matrix: Solid**
Date Received: 10/29/12 09:50 — **Percent Solids: 96.7**

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120	10/23/12 09:50	11/03/12 03:12	50

Client Sample ID: 6140-DP-13 (32.5-35) — **Lab Sample ID: 500-51815-6**
Date Collected: 10/23/12 09:50 — **Matrix: Solid**
Date Received: 10/29/12 09:50 — **Percent Solids: 95.0**

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<19		110	19	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
1,1,1-Trichloroethane	<11		55	11	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
1,1,2,2-Tetrachloroethane	<13		55	13	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
1,1,2-Trichloroethane	<15		55	15	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
1,1-Dichloroethane	<10		55	10	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
1,1-Dichloroethene	<17		55	17	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
1,1-Dichloropropene	<19		55	19	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
1,2,3-Trichlorobenzene	<19		110	19	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
1,2,3-Trichloropropane	<31		110	31	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
1,2,4-Trichlorobenzene	<21		110	21	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
1,2,4-Trimethylbenzene	<12		110	12	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
1,2-Dibromo-3-Chloropropane	<48		110	48	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
1,2-Dibromoethane	<17		110	17	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
1,2-Dichlorobenzene	<11		110	11	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
1,2-Dichloroethane	<16		55	16	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
1,2-Dichloropropane	<11		55	11	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
1,3,5-Trimethylbenzene	<11		110	11	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
1,3-Dichlorobenzene	<14		110	14	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
1,3-Dichloropropane	<7.3		55	7.3	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
1,4-Dichlorobenzene	<9.5		110	9.5	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
2,2-Dichloropropane	<17		55	17	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
2-Chlorotoluene	<11		55	11	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
4-Chlorotoluene	<11		55	11	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
Benzene	<4.1		14	4.1	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
Bromobenzene	<23		110	23	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
Bromochloromethane	<21		110	21	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
Bromodichloromethane	<18		110	18	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
Bromoform	<24		110	24	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
Bromomethane	<37		110	37	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
Carbon tetrachloride	<14		55	14	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
Chlorobenzene	<7.8		55	7.8	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
Chloroethane	<24		110	24	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
Chloroform	<11		55	11	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
Chloromethane	<25		110	25	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
cis-1,2-Dichloroethene	<6.7		55	6.7	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
cis-1,3-Dichloropropene	<9.7		55	9.7	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
Dibromochloromethane	<19		110	19	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
Dibromomethane	<26		110	26	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
Dichlorodifluoromethane	<28		110	28	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
Ethylbenzene	<6.9		14	6.9	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
Hexachlorobutadiene	<19		110	19	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
Isopropyl ether	<8.0		110	8.0	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
Isopropylbenzene	<14		110	14	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50

Client Sample ID: 6140-DP-13 (32.5-35)

Lab Sample ID: 500-51815-6

Date Collected: 10/23/12 09:50
Matrix: Solid
Date Received: 10/29/12 09:50
Percent Solids: 95.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<23		110	23	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
Methylene Chloride	<37		270	37	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
Naphthalene	<27		110	27	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
n-Butylbenzene	<7.0		55	7.0	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
N-Propylbenzene	<9.6		110	9.6	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
p-Isopropyltoluene	<10		110	10	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
sec-Butylbenzene	<8.4		55	8.4	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
Styrene	<5.4		55	5.4	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
tert-Butylbenzene	<7.4		55	7.4	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
Tetrachloroethene	**34**	**J**	55	9.1	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
Toluene	<6.3		14	6.3	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
trans-1,2-Dichloroethene	<14		55	14	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
trans-1,3-Dichloropropene	<11		55	11	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
Trichloroethene	<10		27	10	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
Trichlorofluoromethane	<23		110	23	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
Vinyl chloride	<5.7		14	5.7	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50
Xylenes, Total	<3.7		27	3.7	ug/Kg	☼	10/23/12 09:50	11/03/12 03:36	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 131*	*10/23/12 09:50*	*11/03/12 03:36*	*50*
4-Bromofluorobenzene (Surr)	*95*		*79 - 120*	*10/23/12 09:50*	*11/03/12 03:36*	*50*
Dibromofluoromethane	*97*		*74 - 123*	*10/23/12 09:50*	*11/03/12 03:36*	*50*
Toluene-d8 (Surr)	*97*		*80 - 120*	*10/23/12 09:50*	*11/03/12 03:36*	*50*

Client Sample ID: 6140-DP-14 (50-52)

Lab Sample ID: 500-51815-7

Date Collected: 10/23/12 12:00
Matrix: Solid
Date Received: 10/29/12 09:50
Percent Solids: 94.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<15		89	15	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
1,1,1-Trichloroethane	<9.0		45	9.0	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
1,1,2,2-Tetrachloroethane	<10		45	10	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
1,1,2-Trichloroethane	<12		45	12	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
1,1-Dichloroethane	<8.3		45	8.3	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
1,1-Dichloroethene	<14		45	14	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
1,1-Dichloropropene	<15		45	15	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
1,2,3-Trichlorobenzene	<16		89	16	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
1,2,3-Trichloropropane	<26		89	26	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
1,2,4-Trichlorobenzene	<17		89	17	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
1,2,4-Trimethylbenzene	<9.4		89	9.4	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
1,2-Dibromo-3-Chloropropane	<39		89	39	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
1,2-Dibromoethane	<14		89	14	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
1,2-Dichlorobenzene	<9.2		89	9.2	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
1,2-Dichloroethane	<13		45	13	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
1,2-Dichloropropane	<8.8		45	8.8	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
1,3,5-Trimethylbenzene	<9.2		89	9.2	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
1,3-Dichlorobenzene	<11		89	11	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
1,3-Dichloropropane	<6.0		45	6.0	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
1,4-Dichlorobenzene	<7.8		89	7.8	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
2,2-Dichloropropane	<14		45	14	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50

Client: Environmental Forensic Investigation Inc
Project/Site: One Hour Martinizing - Wauwatosa 6140

TestAmerica Job ID: 500-51815-1

Client Sample ID: 6140-DP-14 (50-52)
Date Collected: 10/23/12 12:00
Date Received: 10/29/12 09:50

Lab Sample ID: 500-51815-7
Matrix: Solid
Percent Solids: 94.2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	<9.3		45	9.3	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
4-Chlorotoluene	<8.8		45	8.8	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
Benzene	<3.3		11	3.3	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
Bromobenzene	<19		89	19	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
Bromochloromethane	<17		89	17	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
Bromodichloromethane	<15		89	15	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
Bromoform	<20		89	20	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
Bromomethane	<30		89	30	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
Carbon tetrachloride	<11		45	11	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
Chlorobenzene	<6.4		45	6.4	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
Chloroethane	<19		89	19	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
Chloroform	<9.2		45	9.2	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
Chloromethane	<21		89	21	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
cis-1,2-Dichloroethene	<5.5		45	5.5	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
cis-1,3-Dichloropropene	<8.0		45	8.0	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
Dibromochloromethane	<15		89	15	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
Dibromomethane	<21		89	21	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
Dichlorodifluoromethane	<23		89	23	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
Ethylbenzene	<5.6		11	5.6	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
Hexachlorobutadiene	<15		89	15	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
Isopropyl ether	<6.6		89	6.6	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
Isopropylbenzene	<11		89	11	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
Methyl tert-butyl ether	<19		89	19	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
Methylene Chloride	<31		220	31	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
Naphthalene	<22		89	22	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
n-Butylbenzene	<5.8		45	5.8	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
N-Propylbenzene	<7.8		89	7.8	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
p-Isopropyltoluene	<8.3		89	8.3	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
sec-Butylbenzene	<6.9		45	6.9	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
Styrene	<4.4		45	4.4	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
tert-Butylbenzene	<6.1		45	6.1	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
Tetrachloroethene	**21**	**J**	45	7.5	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
Toluene	<5.1		11	5.1	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
trans-1,2-Dichloroethene	<11		45	11	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
trans-1,3-Dichloropropene	<9.3		45	9.3	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
Trichloroethene	<8.3		22	8.3	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
Trichlorofluoromethane	<19		89	19	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
Vinyl chloride	<4.6		11	4.6	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50
Xylenes, Total	<3.1		22	3.1	ug/Kg	☼	10/23/12 12:00	11/03/12 04:00	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 131*	*10/23/12 12:00*	*11/03/12 04:00*	*50*
4-Bromofluorobenzene (Surr)	*92*		*79 - 120*	*10/23/12 12:00*	*11/03/12 04:00*	*50*
Dibromofluoromethane	*103*		*74 - 123*	*10/23/12 12:00*	*11/03/12 04:00*	*50*
Toluene-d8 (Surr)	*98*		*80 - 120*	*10/23/12 12:00*	*11/03/12 04:00*	*50*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
RER	Relative error ratio
DER	Duplicate error ratio (normalized absolute difference)
DLC	Decision level concentration
RL	Reporting Limit or Requested Limit (Radiochemistry only)

GC/MS VOA

Prep Batch: 168095

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-51815-1	6140-DP-12 (2.5-5)	Total/NA	Solid	5035	
500-51815-2	6140-DP-12 (10-12.5)	Total/NA	Solid	5035	
500-51815-3	6140-DP-12 (32-.5-35)	Total/NA	Solid	5035	
500-51815-4	6140-DP-13 (2.5-5)	Total/NA	Solid	5035	
500-51815-5	6140-DP-13 (10-12.5)	Total/NA	Solid	5035	
500-51815-6	6140-DP-13 (32.5-35)	Total/NA	Solid	5035	
500-51815-7	6140-DP-14 (50-52)	Total/NA	Solid	5035	
LB3 500-168095/8-A LB3	Method Blank	Total/NA	Solid	5035	
LCS 500-168095/9-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 168329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-51815-1	6140-DP-12 (2.5-5)	Total/NA	Solid	8260B	168095
500-51815-2	6140-DP-12 (10-12.5)	Total/NA	Solid	8260B	168095
500-51815-3	6140-DP-12 (32-.5-35)	Total/NA	Solid	8260B	168095
500-51815-4	6140-DP-13 (2.5-5)	Total/NA	Solid	8260B	168095
500-51815-5	6140-DP-13 (10-12.5)	Total/NA	Solid	8260B	168095
500-51815-6	6140-DP-13 (32.5-35)	Total/NA	Solid	8260B	168095
500-51815-7	6140-DP-14 (50-52)	Total/NA	Solid	8260B	168095
LB3 500-168095/8-A LB3	Method Blank	Total/NA	Solid	8260B	168095
LCS 500-168095/9-A	Lab Control Sample	Total/NA	Solid	8260B	168095
LCS 500-168329/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 500-168329/6	Method Blank	Total/NA	Solid	8260B	

General Chemistry

Analysis Batch: 167779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-51815-1	6140-DP-12 (2.5-5)	Total/NA	Solid	Moisture	
500-51815-2	6140-DP-12 (10-12.5)	Total/NA	Solid	Moisture	
500-51815-3	6140-DP-12 (32-.5-35)	Total/NA	Solid	Moisture	
500-51815-4	6140-DP-13 (2.5-5)	Total/NA	Solid	Moisture	
500-51815-5	6140-DP-13 (10-12.5)	Total/NA	Solid	Moisture	
500-51815-6	6140-DP-13 (32.5-35)	Total/NA	Solid	Moisture	
500-51815-7	6140-DP-14 (50-52)	Total/NA	Solid	Moisture	

Surrogate Summary

Client: Environmental Forensic Investigation Inc
Project/Site: One Hour Martinizing - Wauwatosa 6140

TestAmerica Job ID: 500-51815-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-131)	(79-120)	(74-123)	(80-120)
500-51815-1	6140-DP-12 (2.5-5)	101	96	94	99
500-51815-2	6140-DP-12 (10-12.5)	99	93	102	97
500-51815-3	6140-DP-12 (32-.5-35)	98	96	101	99
500-51815-4	6140-DP-13 (2.5-5)	101	93	101	97
500-51815-5	6140-DP-13 (10-12.5)	98	93	98	97
500-51815-6	6140-DP-13 (32.5-35)	97	95	97	97
500-51815-7	6140-DP-14 (50-52)	103	92	103	98
LB3 500-168095/8-A LB3	Method Blank	100	92	102	100
LCS 500-168095/9-A	Lab Control Sample	98	99	102	99
LCS 500-168329/4	Lab Control Sample	97	100	99	99
MB 500-168329/6	Method Blank	99	94	101	98

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
TOL = Toluene-d8 (Surr)

Client: Environmental Forensic Investigation Inc
Project/Site: One Hour Martinizing - Wauwatosa 6140

TestAmerica Job ID: 500-51815-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LB3 500-168095/8-A LB3
Matrix: Solid
Analysis Batch: 168329

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 168095

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<17		100	17	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
1,1,1-Trichloroethane	<10		50	10	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
1,1,2,2-Tetrachloroethane	<12		50	12	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
1,1,2-Trichloroethane	<14		50	14	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
1,1-Dichloroethane	<9.3		50	9.3	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
1,1-Dichloroethene	<15		50	15	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
1,1-Dichloropropene	<17		50	17	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
1,2,3-Trichlorobenzene	<18		100	18	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
1,2,3-Trichloropropane	<29		100	29	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
1,2,4-Trichlorobenzene	<19		100	19	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
1,2,4-Trimethylbenzene	<11		100	11	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
1,2-Dibromo-3-Chloropropane	<44		100	44	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
1,2-Dibromoethane	<16		100	16	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
1,2-Dichlorobenzene	<10		100	10	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
1,2-Dichloroethane	<14		50	14	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
1,2-Dichloropropane	<9.8		50	9.8	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
1,3,5-Trimethylbenzene	<10		100	10	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
1,3-Dichlorobenzene	<13		100	13	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
1,3-Dichloropropane	<6.7		50	6.7	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
1,4-Dichlorobenzene	<8.7		100	8.7	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
2,2-Dichloropropane	<16		50	16	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
2-Chlorotoluene	<10		50	10	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
4-Chlorotoluene	<9.9		50	9.9	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
Benzene	<3.7		13	3.7	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
Bromobenzene	<21		100	21	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
Bromochloromethane	<19		100	19	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
Bromodichloromethane	<17		100	17	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
Bromoform	<22		100	22	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
Bromomethane	<34		100	34	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
Carbon tetrachloride	<13		50	13	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
Chlorobenzene	<7.2		50	7.2	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
Chloroethane	<22		100	22	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
Chloroform	<10		50	10	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
Chloromethane	<23		100	23	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
cis-1,2-Dichloroethene	<6.2		50	6.2	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
cis-1,3-Dichloropropene	<8.9		50	8.9	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
Dibromochloromethane	<17		100	17	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
Dibromomethane	<24		100	24	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
Dichlorodifluoromethane	<26		100	26	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
Ethylbenzene	<6.3		13	6.3	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
Hexachlorobutadiene	<17		100	17	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
Isopropyl ether	<7.4		100	7.4	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
Isopropylbenzene	<13		100	13	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
Methyl tert-butyl ether	<22		100	22	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
Methylene Chloride	<34		250	34	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
Naphthalene	<25		100	25	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
n-Butylbenzene	<6.5		50	6.5	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
N-Propylbenzene	<8.8		100	8.8	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
p-Isopropyltoluene	<9.3		100	9.3	ug/Kg		11/01/12 02:38	11/03/12 07:38	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB3 500-168095/8-A LB3
Matrix: Solid
Analysis Batch: 168329

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 168095

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<7.7		50	7.7	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
Styrene	<4.9		50	4.9	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
tert-Butylbenzene	<6.8		50	6.8	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
Tetrachloroethene	<8.4		50	8.4	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
Toluene	<5.8		13	5.8	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
trans-1,2-Dichloroethene	<13		50	13	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
trans-1,3-Dichloropropene	<10		50	10	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
Trichloroethene	<9.3		25	9.3	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
Trichlorofluoromethane	<21		100	21	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
Vinyl chloride	<5.2		13	5.2	ug/Kg		11/01/12 02:38	11/03/12 07:38	50
Xylenes, Total	<3.4		25	3.4	ug/Kg		11/01/12 02:38	11/03/12 07:38	50

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 131*	*11/01/12 02:38*	*11/03/12 07:38*	*50*
4-Bromofluorobenzene (Surr)	*92*		*79 - 120*	*11/01/12 02:38*	*11/03/12 07:38*	*50*
Dibromofluoromethane	*102*		*74 - 123*	*11/01/12 02:38*	*11/03/12 07:38*	*50*
Toluene-d8 (Surr)	*100*		*80 - 120*	*11/01/12 02:38*	*11/03/12 07:38*	*50*

Lab Sample ID: LCS 500-168095/9-A
Matrix: Solid
Analysis Batch: 168329

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 168095

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	2500	2420		ug/Kg		97	80 - 120
1,1,1-Trichloroethane	2500	2440		ug/Kg		98	77 - 117
1,1,2,2-Tetrachloroethane	2500	2460		ug/Kg		98	78 - 123
1,1,2-Trichloroethane	2500	2480		ug/Kg		99	78 - 121
1,1-Dichloroethane	2500	2300		ug/Kg		92	66 - 118
1,1-Dichloroethene	2500	2080		ug/Kg		83	58 - 115
1,1-Dichloropropene	2500	2170		ug/Kg		87	71 - 113
1,2,3-Trichlorobenzene	2500	2330		ug/Kg		93	74 - 126
1,2,3-Trichloropropane	2500	2360		ug/Kg		94	77 - 119
1,2,4-Trichlorobenzene	2500	2060		ug/Kg		82	70 - 118
1,2,4-Trimethylbenzene	2500	2450		ug/Kg		98	80 - 120
1,2-Dibromo-3-Chloropropane	2500	2390		ug/Kg		96	53 - 133
1,2-Dibromoethane	2500	2450		ug/Kg		98	79 - 120
1,2-Dichlorobenzene	2500	2360		ug/Kg		94	80 - 120
1,2-Dichloroethane	2500	2300		ug/Kg		92	76 - 117
1,2-Dichloropropane	2500	2280		ug/Kg		91	77 - 118
1,3,5-Trimethylbenzene	2500	2530		ug/Kg		101	83 - 120
1,3-Dichlorobenzene	2500	2190		ug/Kg		88	80 - 120
1,3-Dichloropropane	2500	2390		ug/Kg		96	79 - 114
1,4-Dichlorobenzene	2500	2330		ug/Kg		93	80 - 120
2,2-Dichloropropane	2500	2360		ug/Kg		94	70 - 117
2-Chlorotoluene	2500	2270		ug/Kg		91	80 - 120
4-Chlorotoluene	2500	2180		ug/Kg		87	80 - 120
Benzene	2500	2270		ug/Kg		91	74 - 115
Bromobenzene	2500	2500		ug/Kg		100	80 - 120
Bromochloromethane	2500	2750		ug/Kg		110	72 - 119

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-168095/9-A
Matrix: Solid
Analysis Batch: 168329

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 168095

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromodichloromethane	2500	2240		ug/Kg		90	79 - 117
Bromoform	2500	2650		ug/Kg		106	64 - 127
Bromomethane	2500	3160		ug/Kg		126	47 - 158
Carbon tetrachloride	2500	2360		ug/Kg		94	72 - 124
Chlorobenzene	2500	2190		ug/Kg		88	80 - 120
Chloroethane	2500	2810		ug/Kg		112	54 - 143
Chloroform	2500	2430		ug/Kg		97	76 - 117
Chloromethane	2500	1900		ug/Kg		76	56 - 144
cis-1,2-Dichloroethene	2500	2390		ug/Kg		96	75 - 119
cis-1,3-Dichloropropene	2690	2490		ug/Kg		93	71 - 112
Dibromochloromethane	2500	2430		ug/Kg		97	73 - 120
Dibromomethane	2500	2440		ug/Kg		98	76 - 120
Dichlorodifluoromethane	2500	1890		ug/Kg		75	43 - 139
Ethylbenzene	2500	2320		ug/Kg		93	79 - 115
Hexachlorobutadiene	2500	2520		ug/Kg		101	71 - 128
Isopropylbenzene	2500	2360		ug/Kg		94	68 - 120
Methyl tert-butyl ether	2500	2440		ug/Kg		98	60 - 125
Methylene Chloride	2500	2360		ug/Kg		95	63 - 130
Naphthalene	2500	2490		ug/Kg		99	72 - 127
n-Butylbenzene	2500	2180		ug/Kg		87	78 - 119
N-Propylbenzene	2500	2200		ug/Kg		88	77 - 114
p-Isopropyltoluene	2500	2270		ug/Kg		91	77 - 120
sec-Butylbenzene	2500	2320		ug/Kg		93	79 - 117
Styrene	2500	2510		ug/Kg		100	80 - 120
tert-Butylbenzene	2500	2440		ug/Kg		97	80 - 120
Tetrachloroethene	2500	2540		ug/Kg		102	71 - 120
Toluene	2500	2320		ug/Kg		93	80 - 120
trans-1,2-Dichloroethene	2500	2360		ug/Kg		94	74 - 119
trans-1,3-Dichloropropene	2430	2180		ug/Kg		90	66 - 116
Trichloroethene	2500	2450		ug/Kg		98	75 - 120
Trichlorofluoromethane	2500	2350		ug/Kg		94	66 - 126
Vinyl chloride	2500	2310		ug/Kg		92	51 - 149
Xylenes, Total	7500	6870		ug/Kg		92	78 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 131*
4-Bromofluorobenzene (Surr)	*99*		*79 - 120*
Dibromofluoromethane	*102*		*74 - 123*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: MB 500-168329/6
Matrix: Solid
Analysis Batch: 168329

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.35		2.0	0.35	ug/Kg			11/03/12 01:11	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/Kg			11/03/12 01:11	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/Kg			11/03/12 01:11	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/Kg			11/03/12 01:11	1

Client: Environmental Forensic Investigation Inc
Project/Site: One Hour Martinizing - Wauwatosa 6140

TestAmerica Job ID: 500-51815-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-168329/6
Matrix: Solid
Analysis Batch: 168329

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	<0.19		1.0	0.19	ug/Kg			11/03/12 01:11	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/Kg			11/03/12 01:11	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/Kg			11/03/12 01:11	1
1,2,3-Trichlorobenzene	<0.35		2.0	0.35	ug/Kg			11/03/12 01:11	1
1,2,3-Trichloropropane	<0.57		2.0	0.57	ug/Kg			11/03/12 01:11	1
1,2,4-Trichlorobenzene	<0.38		2.0	0.38	ug/Kg			11/03/12 01:11	1
1,2,4-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			11/03/12 01:11	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/Kg			11/03/12 01:11	1
1,2-Dibromoethane	<0.31		2.0	0.31	ug/Kg			11/03/12 01:11	1
1,2-Dichlorobenzene	<0.21		2.0	0.21	ug/Kg			11/03/12 01:11	1
1,2-Dichloroethane	<0.29		1.0	0.29	ug/Kg			11/03/12 01:11	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/Kg			11/03/12 01:11	1
1,3,5-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			11/03/12 01:11	1
1,3-Dichlorobenzene	<0.26		2.0	0.26	ug/Kg			11/03/12 01:11	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/Kg			11/03/12 01:11	1
1,4-Dichlorobenzene	<0.17		2.0	0.17	ug/Kg			11/03/12 01:11	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/Kg			11/03/12 01:11	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/Kg			11/03/12 01:11	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/Kg			11/03/12 01:11	1
Benzene	<0.074		0.25	0.074	ug/Kg			11/03/12 01:11	1
Bromobenzene	<0.43		2.0	0.43	ug/Kg			11/03/12 01:11	1
Bromochloromethane	<0.38		2.0	0.38	ug/Kg			11/03/12 01:11	1
Bromodichloromethane	<0.34		2.0	0.34	ug/Kg			11/03/12 01:11	1
Bromoform	<0.44		2.0	0.44	ug/Kg			11/03/12 01:11	1
Bromomethane	<0.68		2.0	0.68	ug/Kg			11/03/12 01:11	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/Kg			11/03/12 01:11	1
Chlorobenzene	<0.14		1.0	0.14	ug/Kg			11/03/12 01:11	1
Chloroethane	<0.44		2.0	0.44	ug/Kg			11/03/12 01:11	1
Chloroform	<0.21		1.0	0.21	ug/Kg			11/03/12 01:11	1
Chloromethane	<0.46		2.0	0.46	ug/Kg			11/03/12 01:11	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/Kg			11/03/12 01:11	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/Kg			11/03/12 01:11	1
Dibromochloromethane	<0.35		2.0	0.35	ug/Kg			11/03/12 01:11	1
Dibromomethane	<0.48		2.0	0.48	ug/Kg			11/03/12 01:11	1
Dichlorodifluoromethane	<0.51		2.0	0.51	ug/Kg			11/03/12 01:11	1
Ethylbenzene	<0.13		0.25	0.13	ug/Kg			11/03/12 01:11	1
Hexachlorobutadiene	<0.35		2.0	0.35	ug/Kg			11/03/12 01:11	1
Isopropyl ether	<0.15		2.0	0.15	ug/Kg			11/03/12 01:11	1
Isopropylbenzene	<0.25		2.0	0.25	ug/Kg			11/03/12 01:11	1
Methyl tert-butyl ether	<0.43		2.0	0.43	ug/Kg			11/03/12 01:11	1
Methylene Chloride	<0.68		5.0	0.68	ug/Kg			11/03/12 01:11	1
Naphthalene	<0.49		2.0	0.49	ug/Kg			11/03/12 01:11	1
n-Butylbenzene	<0.13		1.0	0.13	ug/Kg			11/03/12 01:11	1
N-Propylbenzene	<0.18		2.0	0.18	ug/Kg			11/03/12 01:11	1
p-Isopropyltoluene	<0.19		2.0	0.19	ug/Kg			11/03/12 01:11	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/Kg			11/03/12 01:11	1
Styrene	<0.099		1.0	0.099	ug/Kg			11/03/12 01:11	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/Kg			11/03/12 01:11	1
Tetrachloroethene	<0.17		1.0	0.17	ug/Kg			11/03/12 01:11	1
Toluene	<0.12		0.25	0.12	ug/Kg			11/03/12 01:11	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-168329/6
Matrix: Solid
Analysis Batch: 168329

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/Kg			11/03/12 01:11	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/Kg			11/03/12 01:11	1
Trichloroethene	<0.19		0.50	0.19	ug/Kg			11/03/12 01:11	1
Trichlorofluoromethane	<0.42		2.0	0.42	ug/Kg			11/03/12 01:11	1
Vinyl chloride	<0.10		0.25	0.10	ug/Kg			11/03/12 01:11	1
Xylenes, Total	<0.068		0.50	0.068	ug/Kg			11/03/12 01:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 131*		*11/03/12 01:11*	*1*
4-Bromofluorobenzene (Surr)	*94*		*79 - 120*		*11/03/12 01:11*	*1*
Dibromofluoromethane	*101*		*74 - 123*		*11/03/12 01:11*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/03/12 01:11*	*1*

Lab Sample ID: LCS 500-168329/4
Matrix: Solid
Analysis Batch: 168329

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	51.4		ug/Kg		103	80 - 120
1,1,1-Trichloroethane	50.0	50.1		ug/Kg		100	77 - 117
1,1,2,2-Tetrachloroethane	50.0	51.6		ug/Kg		103	78 - 123
1,1,2-Trichloroethane	50.0	50.9		ug/Kg		102	78 - 121
1,1-Dichloroethane	50.0	47.0		ug/Kg		94	66 - 118
1,1-Dichloroethene	50.0	44.2		ug/Kg		88	58 - 115
1,1-Dichloropropene	50.0	44.5		ug/Kg		89	71 - 113
1,2,3-Trichlorobenzene	50.0	52.3		ug/Kg		105	74 - 126
1,2,3-Trichloropropane	50.0	49.1		ug/Kg		98	77 - 119
1,2,4-Trichlorobenzene	50.0	50.5		ug/Kg		101	70 - 118
1,2,4-Trimethylbenzene	50.0	53.1		ug/Kg		106	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	51.6		ug/Kg		103	53 - 133
1,2-Dibromoethane	50.0	52.8		ug/Kg		106	79 - 120
1,2-Dichlorobenzene	50.0	49.0		ug/Kg		98	80 - 120
1,2-Dichloroethane	50.0	47.5		ug/Kg		95	76 - 117
1,2-Dichloropropane	50.0	49.1		ug/Kg		98	77 - 118
1,3,5-Trimethylbenzene	50.0	54.2		ug/Kg		108	83 - 120
1,3-Dichlorobenzene	50.0	46.9		ug/Kg		94	80 - 120
1,3-Dichloropropane	50.0	51.2		ug/Kg		102	79 - 114
1,4-Dichlorobenzene	50.0	50.3		ug/Kg		101	80 - 120
2,2-Dichloropropane	50.0	49.8		ug/Kg		100	70 - 117
2-Chlorotoluene	50.0	48.4		ug/Kg		97	80 - 120
4-Chlorotoluene	50.0	47.2		ug/Kg		94	80 - 120
Benzene	50.0	47.9		ug/Kg		96	74 - 115
Bromobenzene	50.0	53.4		ug/Kg		107	80 - 120
Bromochloromethane	50.0	43.5		ug/Kg		87	72 - 119
Bromodichloromethane	50.0	48.3		ug/Kg		97	79 - 117
Bromoform	50.0	54.6		ug/Kg		109	64 - 127
Bromomethane	50.0	52.1		ug/Kg		104	47 - 158
Carbon tetrachloride	50.0	49.3		ug/Kg		99	72 - 124
Chlorobenzene	50.0	48.2		ug/Kg		96	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-168329/4
Matrix: Solid
Analysis Batch: 168329

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	50.0	41.8		ug/Kg		84	54 - 143
Chloroform	50.0	49.1		ug/Kg		98	76 - 117
Chloromethane	50.0	34.5		ug/Kg		69	56 - 144
cis-1,2-Dichloroethene	50.0	48.8		ug/Kg		98	75 - 119
cis-1,3-Dichloropropene	53.8	56.1		ug/Kg		104	71 - 112
Dibromochloromethane	50.0	51.9		ug/Kg		104	73 - 120
Dibromomethane	50.0	50.4		ug/Kg		101	76 - 120
Dichlorodifluoromethane	50.0	34.0		ug/Kg		68	43 - 139
Ethylbenzene	50.0	50.5		ug/Kg		101	79 - 115
Hexachlorobutadiene	50.0	52.4		ug/Kg		105	71 - 128
Isopropylbenzene	50.0	48.9		ug/Kg		98	68 - 120
Methyl tert-butyl ether	50.0	39.3		ug/Kg		79	60 - 125
Methylene Chloride	50.0	47.2		ug/Kg		94	63 - 130
Naphthalene	50.0	54.8		ug/Kg		110	72 - 127
n-Butylbenzene	50.0	50.1		ug/Kg		100	78 - 119
N-Propylbenzene	50.0	47.6		ug/Kg		95	77 - 114
p-Isopropyltoluene	50.0	49.0		ug/Kg		98	77 - 120
sec-Butylbenzene	50.0	49.0		ug/Kg		98	79 - 117
Styrene	50.0	53.0		ug/Kg		106	80 - 120
tert-Butylbenzene	50.0	50.8		ug/Kg		102	80 - 120
Tetrachloroethene	50.0	53.2		ug/Kg		106	71 - 120
Toluene	50.0	49.6		ug/Kg		99	80 - 120
trans-1,2-Dichloroethene	50.0	48.7		ug/Kg		97	74 - 119
trans-1,3-Dichloropropene	48.6	49.1		ug/Kg		101	66 - 116
Trichloroethene	50.0	51.1		ug/Kg		102	75 - 120
Trichlorofluoromethane	50.0	52.4		ug/Kg		105	66 - 126
Vinyl chloride	50.0	44.7		ug/Kg		89	51 - 149
Xylenes, Total	150	147		ug/Kg		98	78 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 131*
4-Bromofluorobenzene (Surr)	*100*		*79 - 120*
Dibromofluoromethane	*99*		*74 - 123*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Chronicle

Client: Environmental Forensic Investigation Inc
Project/Site: One Hour Martinizing - Wauwatosa 6140

TestAmerica Job ID: 500-51815-1

Client Sample ID: 6140-DP-12 (2.5-5)

Lab Sample ID: 500-51815-1

Date Collected: 10/23/12 11:00
Matrix: Solid
Date Received: 10/29/12 09:50
Percent Solids: 93.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168095	10/23/12 11:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	168329	11/03/12 01:35	LM	TAL CHI
Total/NA	Analysis	Moisture		1	167779	10/30/12 07:38	CMV	TAL CHI

Client Sample ID: 6140-DP-12 (10-12.5)

Lab Sample ID: 500-51815-2

Date Collected: 10/23/12 11:00
Matrix: Solid
Date Received: 10/29/12 09:50
Percent Solids: 97.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168095	10/23/12 11:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	168329	11/03/12 01:59	LM	TAL CHI
Total/NA	Analysis	Moisture		1	167779	10/30/12 07:38	CMV	TAL CHI

Client Sample ID: 6140-DP-12 (32-.5-35)

Lab Sample ID: 500-51815-3

Date Collected: 10/23/12 11:00
Matrix: Solid
Date Received: 10/29/12 09:50
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168095	10/23/12 11:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	168329	11/03/12 02:24	LM	TAL CHI
Total/NA	Analysis	Moisture		1	167779	10/30/12 07:38	CMV	TAL CHI

Client Sample ID: 6140-DP-13 (2.5-5)

Lab Sample ID: 500-51815-4

Date Collected: 10/23/12 09:50
Matrix: Solid
Date Received: 10/29/12 09:50
Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168095	10/23/12 09:50	WRE	TAL CHI
Total/NA	Analysis	8260B		50	168329	11/03/12 02:48	LM	TAL CHI
Total/NA	Analysis	Moisture		1	167779	10/30/12 07:38	CMV	TAL CHI

Client Sample ID: 6140-DP-13 (10-12.5)

Lab Sample ID: 500-51815-5

Date Collected: 10/23/12 09:50
Matrix: Solid
Date Received: 10/29/12 09:50
Percent Solids: 96.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168095	10/23/12 09:50	WRE	TAL CHI
Total/NA	Analysis	8260B		50	168329	11/03/12 03:12	LM	TAL CHI
Total/NA	Analysis	Moisture		1	167779	10/30/12 07:38	CMV	TAL CHI

Lab Chronicle

Client: Environmental Forensic Investigation Inc
Project/Site: One Hour Martinizing - Wauwatosa 6140

TestAmerica Job ID: 500-51815-1

Client Sample ID: 6140-DP-13 (32.5-35)

Lab Sample ID: 500-51815-6

Date Collected: 10/23/12 09:50
Matrix: Solid
Date Received: 10/29/12 09:50
Percent Solids: 95.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168095	10/23/12 09:50	WRE	TAL CHI
Total/NA	Analysis	8260B		50	168329	11/03/12 03:36	LM	TAL CHI
Total/NA	Analysis	Moisture		1	167779	10/30/12 07:38	CMV	TAL CHI

Client Sample ID: 6140-DP-14 (50-52)

Lab Sample ID: 500-51815-7

Date Collected: 10/23/12 12:00
Matrix: Solid
Date Received: 10/29/12 09:50
Percent Solids: 94.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168095	10/23/12 12:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	168329	11/03/12 04:00	LM	TAL CHI
Total/NA	Analysis	Moisture		1	167779	10/30/12 07:38	CMV	TAL CHI

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Certification Summary

Client: Environmental Forensic Investigation Inc
Project/Site: One Hour Martinizing - Wauwatosa 6140

TestAmerica Job ID: 500-51815-1

Laboratory: TestAmerica Chicago

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40461	04-30-13
California	NELAC	9	01132CA	04-30-13
Georgia	State Program	4	N/A	04-30-13
Georgia	State Program	4	939	04-30-13
Hawaii	State Program	9	N/A	04-30-13
Illinois	NELAC	5	100201	04-30-13
Indiana	State Program	5	C-IL-02	04-30-13
Iowa	State Program	7	82	05-01-14
Kansas	NELAC	7	E-10161	10-31-13
Kentucky	State Program	4	90023	12-31-12
Kentucky (UST)	State Program	4	66	04-11-13
L-A-B	DoD ELAP		L2304	01-06-13
L-A-B	ISO/IEC 17025		L2304	01-06-13
Louisiana	NELAC	6	30720	06-30-13
Massachusetts	State Program	1	M-IL035	06-30-13
Mississippi	State Program	4	N/A	04-30-13
North Carolina DENR	State Program	4	291	12-31-12
North Dakota	State Program	8	R-194	04-30-13
Oklahoma	State Program	6	8908	08-31-13
South Carolina	State Program	4	77001	04-30-13
Texas	NELAC	6	T104704252-09-TX	02-28-13
USDA	Federal		P330-12-00038	02-06-15
Virginia	NELAC	3	460142	06-14-13
Wisconsin	State Program	5	999580010	08-31-13
Wyoming	State Program	8	8TMS-Q	04-30-13

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

(optional)
Report To
Contact: Wayne Fassbender
Company: Enviroforensics
Address: 200 S Executive Dr
Address: Brookfield WI
Phone: 414-982-3988
Fax:
E-Mail:

(optional)
Bill To
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Chain of Custody Record

Lab Job #: 500-51815
Chain of Custody Number:
Page ____ of ____
Temperature °C of Cooler: 6.0

Client: Enviroforensics
Client Project #: 6140
Project Name: One Hour Martinizing - Waukesha
Project Location/State: Waukesha WI
Lab Project #:
Sampler: J. Jordan
Lab PM:

Preservative
Parameter: #8240 VOCs

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. NaHSO4
7. Cool to 4°
8. None
9. Other

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	#8240 VOCs	Comments
1		6140-DP-12(2.5-5)	10/23/12	~~11:05~~ 11:10	2	S	X	
2		6140-DP-12(10-12.5)						
3		6140-DP-12(32.5-35)						
4		6140-DP-13(2.5-5)		9:50				
5		6140-DP-13(10-12.5)						
6		6140-DP-13(32.5-35)						
7		6140-DP-14(50-52)		12:00				

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days X Other Standard
Requested Due Date ____

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	Enviroforensics	10/24/2012		[signature]	TA-CHI	10/29/12	0950
[signature]							

Lab Courier
Shipped Fed X
Hand Delivered

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments

Lab Comments:

TAL-4124-500 (1209)

11/5/2012

Login Sample Receipt Checklist

Client: Environmental Forensic Investigation Inc

Job Number: 500-51815-1

Login Number: 51815

List Source: TestAmerica Chicago

List Number: 1

Creator: Scott, Sherri L

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	6.0
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Client Sample ID: 6140-DP-15 (57W) — **Lab Sample ID: 500-55113-1**
Date Collected: 03/07/13 12:50 — **Matrix: Water**
Date Received: 03/12/13 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/20/13 11:26	1
Styrene	<0.10		1.0	0.10	ug/L			03/20/13 11:26	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/20/13 11:26	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/20/13 11:26	1
Toluene	0.27	J	0.50	0.11	ug/L			03/20/13 11:26	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/20/13 11:26	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/20/13 11:26	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/20/13 11:26	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/20/13 11:26	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/20/13 11:26	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/20/13 11:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*75 - 125*		*03/20/13 11:26*	*1*
4-Bromofluorobenzene (Surr)	*90*		*75 - 120*		*03/20/13 11:26*	*1*
Dibromofluoromethane	*94*		*75 - 120*		*03/20/13 11:26*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*03/20/13 11:26*	*1*

Client Sample ID: 6140-DP-15 (54') — **Lab Sample ID: 500-55113-2**
Date Collected: 03/07/13 13:00 — **Matrix: Solid**
Date Received: 03/12/13 10:00 — **Percent Solids: 89.6**

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<29		170	29	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
1,1,1-Trichloroethane	<17		84	17	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
1,1,2,2-Tetrachloroethane	<20		84	20	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
1,1,2-Trichloroethane	<24		84	24	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
1,1-Dichloroethane	<16		84	16	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
1,1-Dichloroethene	<26		84	26	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
1,1-Dichloropropene	<29		84	29	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
1,2,3-Trichlorobenzene	<30		170	30	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
1,2,3-Trichloropropane	<48		170	48	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
1,2,4-Trichlorobenzene	<32		170	32	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
1,2,4-Trimethylbenzene	<18		170	18	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
1,2-Dibromo-3-Chloropropane	<74		170	74	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
1,2-Dibromoethane	<27		170	27	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
1,2-Dichlorobenzene	<17		170	17	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
1,2-Dichloroethane	<24		84	24	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
1,2-Dichloropropane	<17		84	17	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
1,3,5-Trimethylbenzene	<17		170	17	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
1,3-Dichlorobenzene	<22		170	22	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
1,3-Dichloropropane	<11		84	11	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
1,4-Dichlorobenzene	<15		170	15	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
2,2-Dichloropropane	<27		84	27	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
2-Chlorotoluene	<17		84	17	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
4-Chlorotoluene	<17		84	17	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
Benzene	<6.3		21	6.3	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
Bromobenzene	<36		170	36	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
Bromochloromethane	<32		170	32	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50

Client Sample ID: 6140-DP-15 (54')
Date Collected: 03/07/13 13:00
Date Received: 03/12/13 10:00

Lab Sample ID: 500-55113-2
Matrix: Solid
Percent Solids: 89.6

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	<29		170	29	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
Bromoform	<37		170	37	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
Bromomethane	<58		170	58	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
Carbon tetrachloride	<22		84	22	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
Chlorobenzene	<12		84	12	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
Chloroethane	<37		170	37	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
Chloroform	<17		84	17	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
Chloromethane	<39		170	39	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
cis-1,2-Dichloroethene	<10		84	10	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
cis-1,3-Dichloropropene	<15		84	15	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
Dibromochloromethane	<29		170	29	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
Dibromomethane	<41		170	41	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
Dichlorodifluoromethane	<43		170	43	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
Ethylbenzene	<11		21	11	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
Hexachlorobutadiene	<29		170	29	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
Isopropyl ether	<12		170	12	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
Isopropylbenzene	<21		170	21	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
Methyl tert-butyl ether	<36		170	36	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
Methylene Chloride	<58		420	58	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
Naphthalene	<42		170	42	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
n-Butylbenzene	<11		84	11	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
N-Propylbenzene	<15		170	15	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
p-Isopropyltoluene	<16		170	16	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
sec-Butylbenzene	<13		84	13	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
Styrene	<8.3		84	8.3	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
tert-Butylbenzene	<11		84	11	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
Tetrachloroethene	<14		84	14	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
Toluene	<9.7		21	9.7	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
trans-1,2-Dichloroethene	<21		84	21	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
trans-1,3-Dichloropropene	<18		84	18	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
Trichloroethene	<16		42	16	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
Trichlorofluoromethane	<35		170	35	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
Vinyl chloride	<8.8		21	8.8	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50
Xylenes, Total	<5.8		42	5.8	ug/Kg	☼	03/07/13 13:00	03/18/13 18:27	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*75 - 125*	*03/07/13 13:00*	*03/18/13 18:27*	*50*
4-Bromofluorobenzene (Surr)	*90*		*75 - 120*	*03/07/13 13:00*	*03/18/13 18:27*	*50*
Dibromofluoromethane	*99*		*75 - 120*	*03/07/13 13:00*	*03/18/13 18:27*	*50*
Toluene-d8 (Surr)	*96*		*75 - 120*	*03/07/13 13:00*	*03/18/13 18:27*	*50*

Client Sample ID: Trip Blank
Date Collected: 03/07/13 00:00
Date Received: 03/12/13 10:00

Lab Sample ID: 500-55113-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/18/13 17:14	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/18/13 17:14	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/18/13 17:14	1

Client: Environmental Forensic Investigation Inc
Project/Site: OHM - Wauwatosa - 6140

TestAmerica Job ID: 500-55113-1

Client Sample ID: Trip Blank
Date Collected: 03/07/13 00:00
Date Received: 03/12/13 10:00

Lab Sample ID: 500-55113-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/18/13 17:14	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/18/13 17:14	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/18/13 17:14	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/18/13 17:14	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/18/13 17:14	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/18/13 17:14	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/18/13 17:14	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/18/13 17:14	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/18/13 17:14	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/18/13 17:14	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/18/13 17:14	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/18/13 17:14	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/18/13 17:14	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/18/13 17:14	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/18/13 17:14	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/18/13 17:14	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/18/13 17:14	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/18/13 17:14	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/18/13 17:14	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/18/13 17:14	1
Benzene	<0.074		0.50	0.074	ug/L			03/18/13 17:14	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/18/13 17:14	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/18/13 17:14	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/18/13 17:14	1
Bromoform	<0.28		1.0	0.28	ug/L			03/18/13 17:14	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/18/13 17:14	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/18/13 17:14	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/18/13 17:14	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/18/13 17:14	1
Chloroform	<0.20		1.0	0.20	ug/L			03/18/13 17:14	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/18/13 17:14	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/18/13 17:14	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/18/13 17:14	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/18/13 17:14	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/18/13 17:14	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/18/13 17:14	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/18/13 17:14	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/18/13 17:14	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/18/13 17:14	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/18/13 17:14	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/18/13 17:14	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/18/13 17:14	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/18/13 17:14	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/18/13 17:14	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/18/13 17:14	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/18/13 17:14	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/18/13 17:14	1
Styrene	<0.10		1.0	0.10	ug/L			03/18/13 17:14	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/18/13 17:14	1

Client: Environmental Forensic Investigation Inc
Project/Site: OHM - Wauwatosa - 6140

TestAmerica Job ID: 500-55113-1

Client Sample ID: Trip Blank
Date Collected: 03/07/13 00:00
Date Received: 03/12/13 10:00

Lab Sample ID: 500-55113-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/18/13 17:14	1
Toluene	<0.11		0.50	0.11	ug/L			03/18/13 17:14	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/18/13 17:14	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/18/13 17:14	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/18/13 17:14	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/18/13 17:14	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/18/13 17:14	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/18/13 17:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*75 - 125*		*03/18/13 17:14*	*1*
4-Bromofluorobenzene (Surr)	*93*		*75 - 120*		*03/18/13 17:14*	*1*
Dibromofluoromethane	*98*		*75 - 120*		*03/18/13 17:14*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*03/18/13 17:14*	*1*

Sample Summary

Client: Environmental Forensic Investigation Inc
Project/Site: OHM - Wauwatosa - 6140

TestAmerica Job ID: 500-59107-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-59107-1	6140-UHA - 1 (3-4')	Solid	07/10/13 10:05	07/12/13 10:20
500-59107-2	6140-UHA - 2 (4-5')	Solid	07/10/13 12:00	07/12/13 10:20

Client: Environmental Forensic Investigation Inc
Project/Site: OHM - Wauwatosa - 6140

TestAmerica Job ID: 500-59107-1

Client Sample ID: 6140-UHA - 1 (3-4')
Date Collected: 07/10/13 10:05
Date Received: 07/12/13 10:20

Lab Sample ID: 500-59107-1
Matrix: Solid
Percent Solids: 83.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<40		230	40	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,1,1-Trichloroethane	<23		110	23	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,1,2,2-Tetrachloroethane	<27		110	27	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,1,2-Trichloroethane	<32		110	32	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,1-Dichloroethane	<21		110	21	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,1-Dichloroethene	<35		110	35	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,1-Dichloropropene	<39		110	39	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,2,3-Trichlorobenzene	<40		230	40	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,2,3-Trichloropropane	<66		230	66	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,2,4-Trichlorobenzene	<43		230	43	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,2,4-Trimethylbenzene	<24		230	24	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,2-Dibromo-3-Chloropropane	<100		230	100	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,2-Dibromoethane	<36		230	36	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,2-Dichlorobenzene	<23		230	23	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,2-Dichloroethane	<33		110	33	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,2-Dichloropropane	<22		110	22	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,3,5-Trimethylbenzene	<24		230	24	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,3-Dichlorobenzene	<29		230	29	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,3-Dichloropropane	<15		110	15	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,4-Dichlorobenzene	<20		230	20	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
2,2-Dichloropropane	<36		110	36	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
2-Chlorotoluene	<24		110	24	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
4-Chlorotoluene	<23		110	23	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Benzene	<8.5		29	8.5	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Bromobenzene	<49		230	49	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Bromochloromethane	<43		230	43	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Bromodichloromethane	<39		230	39	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Bromoform	<50		230	50	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Bromomethane	<78	*	230	78	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Carbon tetrachloride	<29		110	29	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Chlorobenzene	<16		110	16	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Chloroethane	<50		230	50	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Chloroform	<23		110	23	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Chloromethane	<53		230	53	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
cis-1,2-Dichloroethene	<14		110	14	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
cis-1,3-Dichloropropene	<20		110	20	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Dibromochloromethane	<40		230	40	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Dibromomethane	<55		230	55	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Dichlorodifluoromethane	<59		230	59	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Ethylbenzene	<14		29	14	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Hexachlorobutadiene	<40		230	40	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Isopropyl ether	<17		230	17	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Isopropylbenzene	<29		230	29	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Methyl tert-butyl ether	<49		230	49	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Methylene Chloride	<78		570	78	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Naphthalene	<56		230	56	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
n-Butylbenzene	<15		110	15	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
N-Propylbenzene	<20		230	20	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
p-Isopropyltoluene	<21		230	21	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50

Client: Environmental Forensic Investigation Inc
Project/Site: OHM - Wauwatosa - 6140

TestAmerica Job ID: 500-59107-1

Client Sample ID: 6140-UHA - 1 (3-4')
Date Collected: 07/10/13 10:05
Date Received: 07/12/13 10:20

Lab Sample ID: 500-59107-1
Matrix: Solid
Percent Solids: 83.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<18		110	18	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Styrene	<11		110	11	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
tert-Butylbenzene	<16		110	16	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Tetrachloroethene	<19		110	19	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Toluene	<13		29	13	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
trans-1,2-Dichloroethene	<29		110	29	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
trans-1,3-Dichloropropene	<24		110	24	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Trichloroethene	<21		57	21	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Trichlorofluoromethane	<47		230	47	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Vinyl chloride	<12		29	12	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Xylenes, Total	<7.8		57	7.8	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 125*	*07/10/13 10:05*	*07/16/13 17:24*	*50*
4-Bromofluorobenzene (Surr)	*95*		*75 - 120*	*07/10/13 10:05*	*07/16/13 17:24*	*50*
Dibromofluoromethane	*100*		*75 - 120*	*07/10/13 10:05*	*07/16/13 17:24*	*50*
Toluene-d8 (Surr)	*99*		*75 - 120*	*07/10/13 10:05*	*07/16/13 17:24*	*50*

Client: Environmental Forensic Investigation Inc
Project/Site: OHM - Wauwatosa - 6140

TestAmerica Job ID: 500-59107-1

Client Sample ID: 6140-UHA - 2 (4-5')
Date Collected: 07/10/13 12:00
Date Received: 07/12/13 10:20

Lab Sample ID: 500-59107-2
Matrix: Solid
Percent Solids: 91.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<33		190	33	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,1,1-Trichloroethane	<19		96	19	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,1,2,2-Tetrachloroethane	<22		96	22	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,1,2-Trichloroethane	<27		96	27	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,1-Dichloroethane	<18		96	18	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,1-Dichloroethene	<29		96	29	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,1-Dichloropropene	<33		96	33	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,2,3-Trichlorobenzene	<34		190	34	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,2,3-Trichloropropane	<55		190	55	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,2,4-Trichlorobenzene	<36		190	36	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,2,4-Trimethylbenzene	<20		190	20	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,2-Dibromo-3-Chloropropane	<83		190	83	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,2-Dibromoethane	<30		190	30	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,2-Dichlorobenzene	<20		190	20	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,2-Dichloroethane	<27		96	27	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,2-Dichloropropane	<19		96	19	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,3,5-Trimethylbenzene	<20		190	20	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,3-Dichlorobenzene	<25		190	25	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,3-Dichloropropane	<13		96	13	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,4-Dichlorobenzene	<17		190	17	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
2,2-Dichloropropane	<30		96	30	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
2-Chlorotoluene	<20		96	20	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
4-Chlorotoluene	<19		96	19	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Benzene	<7.1		24	7.1	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Bromobenzene	<41		190	41	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Bromochloromethane	<36		190	36	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Bromodichloromethane	<32		190	32	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Bromoform	<42		190	42	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Bromomethane	<65	*	190	65	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Carbon tetrachloride	<25		96	25	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Chlorobenzene	<14		96	14	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Chloroethane	<42		190	42	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Chloroform	<20		96	20	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Chloromethane	<44		190	44	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
cis-1,2-Dichloroethene	<12		96	12	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
cis-1,3-Dichloropropene	<17		96	17	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Dibromochloromethane	<33		190	33	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Dibromomethane	<46		190	46	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Dichlorodifluoromethane	<49		190	49	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Ethylbenzene	<12		24	12	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Hexachlorobutadiene	<33		190	33	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Isopropyl ether	<14		190	14	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Isopropylbenzene	<24		190	24	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Methyl tert-butyl ether	<41		190	41	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Methylene Chloride	<65		480	65	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Naphthalene	<47		190	47	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
n-Butylbenzene	<12		96	12	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
N-Propylbenzene	<17		190	17	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
p-Isopropyltoluene	<18		190	18	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50

Client: Environmental Forensic Investigation Inc
Project/Site: OHM - Wauwatosa - 6140

TestAmerica Job ID: 500-59107-1

Client Sample ID: 6140-UHA - 2 (4-5')
Date Collected: 07/10/13 12:00
Date Received: 07/12/13 10:20

Lab Sample ID: 500-59107-2
Matrix: Solid
Percent Solids: 91.6

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<15		96	15	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Styrene	<9.5		96	9.5	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
tert-Butylbenzene	<13		96	13	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Tetrachloroethene	<16		96	16	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Toluene	<11		24	11	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
trans-1,2-Dichloroethene	<24		96	24	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
trans-1,3-Dichloropropene	<20		96	20	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Trichloroethene	<18		48	18	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Trichlorofluoromethane	<40		190	40	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Vinyl chloride	<10		24	10	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Xylenes, Total	<6.5		48	6.5	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*75 - 125*	*07/10/13 12:00*	*07/16/13 17:48*	*50*
4-Bromofluorobenzene (Surr)	*97*		*75 - 120*	*07/10/13 12:00*	*07/16/13 17:48*	*50*
Dibromofluoromethane	*104*		*75 - 120*	*07/10/13 12:00*	*07/16/13 17:48*	*50*
Toluene-d8 (Surr)	*99*		*75 - 120*	*07/10/13 12:00*	*07/16/13 17:48*	*50*

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

TestAmerica Job ID: 500-59107-1
Client Project/Site: OHM - Wauwatosa - 6140

For:
Environmental Forensic Investigation Inc
N16 W23390 Stone Ridge Drive
Suite G
Waukesha, Wisconsin 53188

Attn: Mr. Wayne Fassbender

Sandie Fredrick

Authorized for release by:
7/24/2013 7:51:42 AM

Sandie Fredrick, Project Manager I
sandie.fredrick@testamericainc.com

Table of Contents

Job ID: 500-59107-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-59107-1

Comments
Client updated sample IDs.

Receipt
The samples were received on 7/12/2013 10:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 8.6º C.

Except: The following sample(s) was received at the laboratory outside the required temperature criteria: 8.6

GC/MS VOA
Method(s) 5035: Extracrt vials have < 8 grams of soil in 10 ml MeOH.6140-UHA - 1 (3-4') (500-59107-1), 6140-UHA - 2 (4-5') (500-59107-2).

Method(s) 8260B: The laboratory control sample (LCS) for the preparation batch 193114 recovered outside control limits for Bromomethane. The LCS for the associated analytical batch 193377 had all compounds within control limits. Furthermore, the associated samples were non-detect for the affected analyte.

No other analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

Detection Summary

Client: Environmental Forensic Investigation Inc
Project/Site: OHM - Wauwatosa - 6140

TestAmerica Job ID: 500-59107-1

Client Sample ID: 6140-UHA - 1 (3-4') **Lab Sample ID: 500-59107-1**

No Detections.

Client Sample ID: 6140-UHA - 2 (4-5') **Lab Sample ID: 500-59107-2**

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Environmental Forensic Investigation Inc
Project/Site: OHM - Wauwatosa - 6140

TestAmerica Job ID: 500-59107-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

Client: Environmental Forensic Investigation Inc
Project/Site: OHM - Wauwatosa - 6140

TestAmerica Job ID: 500-59107-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-59107-1	6140-UHA - 1 (3-4')	Solid	07/10/13 10:05	07/12/13 10:20
500-59107-2	6140-UHA - 2 (4-5')	Solid	07/10/13 12:00	07/12/13 10:20

Client: Environmental Forensic Investigation Inc
Project/Site: OHM - Wauwatosa - 6140

TestAmerica Job ID: 500-59107-1

Client Sample ID: 6140-UHA - 1 (3-4')
Date Collected: 07/10/13 10:05
Date Received: 07/12/13 10:20

Lab Sample ID: 500-59107-1
Matrix: Solid
Percent Solids: 83.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<40		230	40	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,1,1-Trichloroethane	<23		110	23	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,1,2,2-Tetrachloroethane	<27		110	27	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,1,2-Trichloroethane	<32		110	32	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,1-Dichloroethane	<21		110	21	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,1-Dichloroethene	<35		110	35	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,1-Dichloropropene	<39		110	39	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,2,3-Trichlorobenzene	<40		230	40	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,2,3-Trichloropropane	<66		230	66	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,2,4-Trichlorobenzene	<43		230	43	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,2,4-Trimethylbenzene	<24		230	24	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,2-Dibromo-3-Chloropropane	<100		230	100	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,2-Dibromoethane	<36		230	36	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,2-Dichlorobenzene	<23		230	23	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,2-Dichloroethane	<33		110	33	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,2-Dichloropropane	<22		110	22	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,3,5-Trimethylbenzene	<24		230	24	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,3-Dichlorobenzene	<29		230	29	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,3-Dichloropropane	<15		110	15	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
1,4-Dichlorobenzene	<20		230	20	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
2,2-Dichloropropane	<36		110	36	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
2-Chlorotoluene	<24		110	24	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
4-Chlorotoluene	<23		110	23	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Benzene	<8.5		29	8.5	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Bromobenzene	<49		230	49	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Bromochloromethane	<43		230	43	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Bromodichloromethane	<39		230	39	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Bromoform	<50		230	50	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Bromomethane	<78	*	230	78	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Carbon tetrachloride	<29		110	29	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Chlorobenzene	<16		110	16	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Chloroethane	<50		230	50	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Chloroform	<23		110	23	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Chloromethane	<53		230	53	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
cis-1,2-Dichloroethene	<14		110	14	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
cis-1,3-Dichloropropene	<20		110	20	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Dibromochloromethane	<40		230	40	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Dibromomethane	<55		230	55	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Dichlorodifluoromethane	<59		230	59	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Ethylbenzene	<14		29	14	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Hexachlorobutadiene	<40		230	40	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Isopropyl ether	<17		230	17	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Isopropylbenzene	<29		230	29	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Methyl tert-butyl ether	<49		230	49	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Methylene Chloride	<78		570	78	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Naphthalene	<56		230	56	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
n-Butylbenzene	<15		110	15	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
N-Propylbenzene	<20		230	20	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
p-Isopropyltoluene	<21		230	21	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50

Client: Environmental Forensic Investigation Inc
Project/Site: OHM - Wauwatosa - 6140

TestAmerica Job ID: 500-59107-1

Client Sample ID: 6140-UHA - 1 (3-4')
Date Collected: 07/10/13 10:05
Date Received: 07/12/13 10:20

Lab Sample ID: 500-59107-1
Matrix: Solid
Percent Solids: 83.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<18		110	18	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Styrene	<11		110	11	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
tert-Butylbenzene	<16		110	16	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Tetrachloroethene	<19		110	19	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Toluene	<13		29	13	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
trans-1,2-Dichloroethene	<29		110	29	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
trans-1,3-Dichloropropene	<24		110	24	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Trichloroethene	<21		57	21	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Trichlorofluoromethane	<47		230	47	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Vinyl chloride	<12		29	12	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50
Xylenes, Total	<7.8		57	7.8	ug/Kg	☼	07/10/13 10:05	07/16/13 17:24	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 125*	*07/10/13 10:05*	*07/16/13 17:24*	*50*
4-Bromofluorobenzene (Surr)	*95*		*75 - 120*	*07/10/13 10:05*	*07/16/13 17:24*	*50*
Dibromofluoromethane	*100*		*75 - 120*	*07/10/13 10:05*	*07/16/13 17:24*	*50*
Toluene-d8 (Surr)	*99*		*75 - 120*	*07/10/13 10:05*	*07/16/13 17:24*	*50*

Client: Environmental Forensic Investigation Inc
Project/Site: OHM - Wauwatosa - 6140

TestAmerica Job ID: 500-59107-1

Client Sample ID: 6140-UHA - 2 (4-5')
Date Collected: 07/10/13 12:00
Date Received: 07/12/13 10:20

Lab Sample ID: 500-59107-2
Matrix: Solid
Percent Solids: 91.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<33		190	33	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,1,1-Trichloroethane	<19		96	19	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,1,2,2-Tetrachloroethane	<22		96	22	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,1,2-Trichloroethane	<27		96	27	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,1-Dichloroethane	<18		96	18	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,1-Dichloroethene	<29		96	29	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,1-Dichloropropene	<33		96	33	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,2,3-Trichlorobenzene	<34		190	34	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,2,3-Trichloropropane	<55		190	55	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,2,4-Trichlorobenzene	<36		190	36	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,2,4-Trimethylbenzene	<20		190	20	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,2-Dibromo-3-Chloropropane	<83		190	83	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,2-Dibromoethane	<30		190	30	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,2-Dichlorobenzene	<20		190	20	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,2-Dichloroethane	<27		96	27	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,2-Dichloropropane	<19		96	19	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,3,5-Trimethylbenzene	<20		190	20	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,3-Dichlorobenzene	<25		190	25	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,3-Dichloropropane	<13		96	13	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
1,4-Dichlorobenzene	<17		190	17	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
2,2-Dichloropropane	<30		96	30	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
2-Chlorotoluene	<20		96	20	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
4-Chlorotoluene	<19		96	19	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Benzene	<7.1		24	7.1	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Bromobenzene	<41		190	41	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Bromochloromethane	<36		190	36	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Bromodichloromethane	<32		190	32	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Bromoform	<42		190	42	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Bromomethane	<65	*	190	65	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Carbon tetrachloride	<25		96	25	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Chlorobenzene	<14		96	14	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Chloroethane	<42		190	42	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Chloroform	<20		96	20	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Chloromethane	<44		190	44	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
cis-1,2-Dichloroethene	<12		96	12	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
cis-1,3-Dichloropropene	<17		96	17	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Dibromochloromethane	<33		190	33	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Dibromomethane	<46		190	46	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Dichlorodifluoromethane	<49		190	49	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Ethylbenzene	<12		24	12	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Hexachlorobutadiene	<33		190	33	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Isopropyl ether	<14		190	14	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Isopropylbenzene	<24		190	24	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Methyl tert-butyl ether	<41		190	41	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Methylene Chloride	<65		480	65	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Naphthalene	<47		190	47	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
n-Butylbenzene	<12		96	12	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
N-Propylbenzene	<17		190	17	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
p-Isopropyltoluene	<18		190	18	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50

Client: Environmental Forensic Investigation Inc
Project/Site: OHM - Wauwatosa - 6140

TestAmerica Job ID: 500-59107-1

Client Sample ID: 6140-UHA - 2 (4-5')
Date Collected: 07/10/13 12:00
Date Received: 07/12/13 10:20

Lab Sample ID: 500-59107-2
Matrix: Solid
Percent Solids: 91.6

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<15		96	15	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Styrene	<9.5		96	9.5	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
tert-Butylbenzene	<13		96	13	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Tetrachloroethene	<16		96	16	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Toluene	<11		24	11	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
trans-1,2-Dichloroethene	<24		96	24	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
trans-1,3-Dichloropropene	<20		96	20	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Trichloroethene	<18		48	18	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Trichlorofluoromethane	<40		190	40	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Vinyl chloride	<10		24	10	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50
Xylenes, Total	<6.5		48	6.5	ug/Kg	☼	07/10/13 12:00	07/16/13 17:48	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*75 - 125*	*07/10/13 12:00*	*07/16/13 17:48*	*50*
4-Bromofluorobenzene (Surr)	*97*		*75 - 120*	*07/10/13 12:00*	*07/16/13 17:48*	*50*
Dibromofluoromethane	*104*		*75 - 120*	*07/10/13 12:00*	*07/16/13 17:48*	*50*
Toluene-d8 (Surr)	*99*		*75 - 120*	*07/10/13 12:00*	*07/16/13 17:48*	*50*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

QC Association Summary

Client: Environmental Forensic Investigation Inc
Project/Site: OHM - Wauwatosa - 6140

TestAmerica Job ID: 500-59107-1

GC/MS VOA

Prep Batch: 193114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-59107-1	6140-UHA - 1 (3-4')	Total/NA	Solid	5035	
500-59107-2	6140-UHA - 2 (4-5')	Total/NA	Solid	5035	
LB3 500-193114/12-A LB3	Method Blank	Total/NA	Solid	5035	
LCS 500-193114/13-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 193377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-59107-1	6140-UHA - 1 (3-4')	Total/NA	Solid	8260B	193114
500-59107-2	6140-UHA - 2 (4-5')	Total/NA	Solid	8260B	193114
LB3 500-193114/12-A LB3	Method Blank	Total/NA	Solid	8260B	193114
LCS 500-193114/13-A	Lab Control Sample	Total/NA	Solid	8260B	193114
LCS 500-193377/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 500-193377/6	Method Blank	Total/NA	Solid	8260B	

General Chemistry

Analysis Batch: 193370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-59107-1	6140-UHA - 1 (3-4')	Total/NA	Solid	Moisture	
500-59107-2	6140-UHA - 2 (4-5')	Total/NA	Solid	Moisture	

Surrogate Summary

Client: Environmental Forensic Investigation Inc
Project/Site: OHM - Wauwatosa - 6140

TestAmerica Job ID: 500-59107-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-125)	(75-120)	(75-120)	(75-120)
500-59107-1	6140-UHA - 1 (3-4')	104	95	100	99
500-59107-2	6140-UHA - 2 (4-5')	107	97	104	99
LB3 500-193114/12-A LB3	Method Blank	106	95	102	100
LCS 500-193114/13-A	Lab Control Sample	104	100	101	100
LCS 500-193377/4	Lab Control Sample	101	101	103	95
MB 500-193377/6	Method Blank	104	88	100	97

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LB3 500-193114/12-A LB3
Matrix: Solid
Analysis Batch: 193377

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 193114

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<17		100	17	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
1,1,1-Trichloroethane	<10		50	10	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
1,1,2,2-Tetrachloroethane	<12		50	12	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
1,1,2-Trichloroethane	<14		50	14	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
1,1-Dichloroethane	<9.3		50	9.3	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
1,1-Dichloroethene	<15		50	15	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
1,1-Dichloropropene	<17		50	17	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
1,2,3-Trichlorobenzene	<18		100	18	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
1,2,3-Trichloropropane	<29		100	29	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
1,2,4-Trichlorobenzene	<19		100	19	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
1,2,4-Trimethylbenzene	<11		100	11	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
1,2-Dibromo-3-Chloropropane	<44		100	44	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
1,2-Dibromoethane	<16		100	16	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
1,2-Dichlorobenzene	<10		100	10	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
1,2-Dichloroethane	<14		50	14	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
1,2-Dichloropropane	<9.8		50	9.8	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
1,3,5-Trimethylbenzene	<10		100	10	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
1,3-Dichlorobenzene	<13		100	13	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
1,3-Dichloropropane	<6.7		50	6.7	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
1,4-Dichlorobenzene	<8.7		100	8.7	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
2,2-Dichloropropane	<16		50	16	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
2-Chlorotoluene	<10		50	10	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
4-Chlorotoluene	<9.9		50	9.9	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
Benzene	<3.7		13	3.7	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
Bromobenzene	<21		100	21	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
Bromochloromethane	<19		100	19	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
Bromodichloromethane	<17		100	17	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
Bromoform	<22		100	22	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
Bromomethane	<34		100	34	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
Carbon tetrachloride	<13		50	13	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
Chlorobenzene	<7.2		50	7.2	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
Chloroethane	<22		100	22	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
Chloroform	<10		50	10	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
Chloromethane	<23		100	23	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
cis-1,2-Dichloroethene	<6.2		50	6.2	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
cis-1,3-Dichloropropene	<8.9		50	8.9	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
Dibromochloromethane	<17		100	17	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
Dibromomethane	<24		100	24	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
Dichlorodifluoromethane	<26		100	26	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
Ethylbenzene	<6.3		13	6.3	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
Hexachlorobutadiene	<17		100	17	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
Isopropyl ether	<7.4		100	7.4	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
Isopropylbenzene	<13		100	13	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
Methyl tert-butyl ether	<22		100	22	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
Methylene Chloride	<34		250	34	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
Naphthalene	<25		100	25	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
n-Butylbenzene	<6.5		50	6.5	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
N-Propylbenzene	<8.8		100	8.8	ug/Kg		07/13/13 04:30	07/16/13 19:24	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB3 500-193114/12-A LB3
Matrix: Solid
Analysis Batch: 193377

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 193114

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<9.3		100	9.3	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
sec-Butylbenzene	<7.7		50	7.7	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
Styrene	<4.9		50	4.9	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
tert-Butylbenzene	<6.8		50	6.8	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
Tetrachloroethene	<8.4		50	8.4	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
Toluene	<5.8		13	5.8	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
trans-1,2-Dichloroethene	<13		50	13	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
trans-1,3-Dichloropropene	<10		50	10	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
Trichloroethene	<9.3		25	9.3	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
Trichlorofluoromethane	<21		100	21	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
Vinyl chloride	<5.2		13	5.2	ug/Kg		07/13/13 04:30	07/16/13 19:24	50
Xylenes, Total	<3.4		25	3.4	ug/Kg		07/13/13 04:30	07/16/13 19:24	50

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 125*	*07/13/13 04:30*	*07/16/13 19:24*	*50*
4-Bromofluorobenzene (Surr)	*95*		*75 - 120*	*07/13/13 04:30*	*07/16/13 19:24*	*50*
Dibromofluoromethane	*102*		*75 - 120*	*07/13/13 04:30*	*07/16/13 19:24*	*50*
Toluene-d8 (Surr)	*100*		*75 - 120*	*07/13/13 04:30*	*07/16/13 19:24*	*50*

Lab Sample ID: LCS 500-193114/13-A
Matrix: Solid
Analysis Batch: 193377

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 193114

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	2500	2380		ug/Kg		95	75 - 120
1,1,1-Trichloroethane	2500	2410		ug/Kg		96	70 - 123
1,1,2,2-Tetrachloroethane	2500	1980		ug/Kg		79	70 - 128
1,1,2-Trichloroethane	2500	2200		ug/Kg		88	69 - 120
1,1-Dichloroethane	2500	2370		ug/Kg		95	68 - 121
1,1-Dichloroethene	2500	1990		ug/Kg		80	58 - 122
1,1-Dichloropropene	2500	2340		ug/Kg		93	70 - 120
1,2,3-Trichlorobenzene	2500	2340		ug/Kg		94	56 - 137
1,2,3-Trichloropropane	2500	1910		ug/Kg		77	70 - 120
1,2,4-Trichlorobenzene	2500	2270		ug/Kg		91	65 - 121
1,2,4-Trimethylbenzene	2500	2200		ug/Kg		88	75 - 121
1,2-Dibromo-3-Chloropropane	2500	2090		ug/Kg		84	60 - 121
1,2-Dibromoethane	2500	2260		ug/Kg		90	70 - 120
1,2-Dichlorobenzene	2500	2110		ug/Kg		84	75 - 120
1,2-Dichloroethane	2500	2520		ug/Kg		101	69 - 120
1,2-Dichloropropane	2500	2410		ug/Kg		96	70 - 120
1,3,5-Trimethylbenzene	2500	2300		ug/Kg		92	75 - 123
1,3-Dichlorobenzene	2500	2060		ug/Kg		83	70 - 120
1,3-Dichloropropane	2500	2150		ug/Kg		86	70 - 120
1,4-Dichlorobenzene	2500	2240		ug/Kg		90	75 - 120
2,2-Dichloropropane	2500	2130		ug/Kg		85	67 - 125
2-Chlorotoluene	2500	1980		ug/Kg		79	70 - 120
4-Chlorotoluene	2500	1970		ug/Kg		79	70 - 120
Benzene	2500	2250		ug/Kg		90	70 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-193114/13-A
Matrix: Solid
Analysis Batch: 193377

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 193114

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	2500	2360		ug/Kg		94	70 - 120
Bromochloromethane	2500	2470		ug/Kg		99	67 - 122
Bromodichloromethane	2500	2280		ug/Kg		91	70 - 120
Bromoform	2500	2420		ug/Kg		97	70 - 125
Bromomethane	2500	1030	*	ug/Kg		41	50 - 150
Carbon tetrachloride	2500	2510		ug/Kg		100	70 - 125
Chlorobenzene	2500	2160		ug/Kg		86	70 - 120
Chloroethane	2500	1430		ug/Kg		57	50 - 150
Chloroform	2500	2380		ug/Kg		95	70 - 120
Chloromethane	2500	1590		ug/Kg		64	50 - 134
cis-1,2-Dichloroethene	2500	2400		ug/Kg		96	70 - 120
cis-1,3-Dichloropropene	2690	2280		ug/Kg		85	70 - 120
Dibromochloromethane	2500	2340		ug/Kg		94	70 - 120
Dibromomethane	2500	2360		ug/Kg		94	70 - 120
Dichlorodifluoromethane	2500	1220		ug/Kg		49	40 - 140
Ethylbenzene	2500	2320		ug/Kg		93	75 - 120
Hexachlorobutadiene	2500	2590		ug/Kg		104	65 - 135
Isopropylbenzene	2500	2000		ug/Kg		80	70 - 120
Methyl tert-butyl ether	2500	2100		ug/Kg		84	58 - 122
Methylene Chloride	2500	2230		ug/Kg		89	65 - 125
Naphthalene	2500	2230		ug/Kg		89	55 - 132
n-Butylbenzene	2500	2080		ug/Kg		83	75 - 120
N-Propylbenzene	2500	1900		ug/Kg		76	70 - 120
p-Isopropyltoluene	2500	2100		ug/Kg		84	70 - 120
sec-Butylbenzene	2500	2010		ug/Kg		81	70 - 120
Styrene	2500	2330		ug/Kg		93	75 - 120
tert-Butylbenzene	2500	2090		ug/Kg		84	70 - 120
Tetrachloroethene	2500	2450		ug/Kg		98	70 - 123
Toluene	2500	2420		ug/Kg		97	70 - 120
trans-1,2-Dichloroethene	2500	2260		ug/Kg		90	70 - 124
trans-1,3-Dichloropropene	2430	2100		ug/Kg		86	70 - 120
Trichloroethene	2500	2550		ug/Kg		102	70 - 120
Trichlorofluoromethane	2500	1930		ug/Kg		77	63 - 134
Vinyl chloride	2500	1820		ug/Kg		73	62 - 138
Xylenes, Total	7500	6520		ug/Kg		87	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 125*
4-Bromofluorobenzene (Surr)	*100*		*75 - 120*
Dibromofluoromethane	*101*		*75 - 120*
Toluene-d8 (Surr)	*100*		*75 - 120*

Lab Sample ID: MB 500-193377/6
Matrix: Solid
Analysis Batch: 193377

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.35		2.0	0.35	ug/Kg			07/16/13 11:04	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-193377/6
Matrix: Solid
Analysis Batch: 193377

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/Kg			07/16/13 11:04	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/Kg			07/16/13 11:04	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/Kg			07/16/13 11:04	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/Kg			07/16/13 11:04	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/Kg			07/16/13 11:04	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/Kg			07/16/13 11:04	1
1,2,3-Trichlorobenzene	<0.35		2.0	0.35	ug/Kg			07/16/13 11:04	1
1,2,3-Trichloropropane	<0.57		2.0	0.57	ug/Kg			07/16/13 11:04	1
1,2,4-Trichlorobenzene	<0.38		2.0	0.38	ug/Kg			07/16/13 11:04	1
1,2,4-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			07/16/13 11:04	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/Kg			07/16/13 11:04	1
1,2-Dibromoethane	<0.31		2.0	0.31	ug/Kg			07/16/13 11:04	1
1,2-Dichlorobenzene	<0.21		2.0	0.21	ug/Kg			07/16/13 11:04	1
1,2-Dichloroethane	<0.29		1.0	0.29	ug/Kg			07/16/13 11:04	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/Kg			07/16/13 11:04	1
1,3,5-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			07/16/13 11:04	1
1,3-Dichlorobenzene	<0.26		2.0	0.26	ug/Kg			07/16/13 11:04	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/Kg			07/16/13 11:04	1
1,4-Dichlorobenzene	<0.17		2.0	0.17	ug/Kg			07/16/13 11:04	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/Kg			07/16/13 11:04	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/Kg			07/16/13 11:04	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/Kg			07/16/13 11:04	1
Benzene	<0.074		0.25	0.074	ug/Kg			07/16/13 11:04	1
Bromobenzene	<0.43		2.0	0.43	ug/Kg			07/16/13 11:04	1
Bromochloromethane	<0.38		2.0	0.38	ug/Kg			07/16/13 11:04	1
Bromodichloromethane	<0.34		2.0	0.34	ug/Kg			07/16/13 11:04	1
Bromoform	<0.44		2.0	0.44	ug/Kg			07/16/13 11:04	1
Bromomethane	<0.68		2.0	0.68	ug/Kg			07/16/13 11:04	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/Kg			07/16/13 11:04	1
Chlorobenzene	<0.14		1.0	0.14	ug/Kg			07/16/13 11:04	1
Chloroethane	<0.44		2.0	0.44	ug/Kg			07/16/13 11:04	1
Chloroform	<0.21		1.0	0.21	ug/Kg			07/16/13 11:04	1
Chloromethane	<0.46		2.0	0.46	ug/Kg			07/16/13 11:04	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/Kg			07/16/13 11:04	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/Kg			07/16/13 11:04	1
Dibromochloromethane	<0.35		2.0	0.35	ug/Kg			07/16/13 11:04	1
Dibromomethane	<0.48		2.0	0.48	ug/Kg			07/16/13 11:04	1
Dichlorodifluoromethane	<0.51		2.0	0.51	ug/Kg			07/16/13 11:04	1
Ethylbenzene	<0.13		0.25	0.13	ug/Kg			07/16/13 11:04	1
Hexachlorobutadiene	<0.35		2.0	0.35	ug/Kg			07/16/13 11:04	1
Isopropyl ether	<0.15		2.0	0.15	ug/Kg			07/16/13 11:04	1
Isopropylbenzene	<0.25		2.0	0.25	ug/Kg			07/16/13 11:04	1
Methyl tert-butyl ether	<0.43		2.0	0.43	ug/Kg			07/16/13 11:04	1
Methylene Chloride	<0.68		5.0	0.68	ug/Kg			07/16/13 11:04	1
Naphthalene	<0.49		2.0	0.49	ug/Kg			07/16/13 11:04	1
n-Butylbenzene	<0.13		1.0	0.13	ug/Kg			07/16/13 11:04	1
N-Propylbenzene	<0.18		2.0	0.18	ug/Kg			07/16/13 11:04	1
p-Isopropyltoluene	<0.19		2.0	0.19	ug/Kg			07/16/13 11:04	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-193377/6
Matrix: Solid
Analysis Batch: 193377

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/Kg			07/16/13 11:04	1
Styrene	<0.099		1.0	0.099	ug/Kg			07/16/13 11:04	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/Kg			07/16/13 11:04	1
Tetrachloroethene	<0.17		1.0	0.17	ug/Kg			07/16/13 11:04	1
Toluene	<0.12		0.25	0.12	ug/Kg			07/16/13 11:04	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/Kg			07/16/13 11:04	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/Kg			07/16/13 11:04	1
Trichloroethene	<0.19		0.50	0.19	ug/Kg			07/16/13 11:04	1
Trichlorofluoromethane	<0.42		2.0	0.42	ug/Kg			07/16/13 11:04	1
Vinyl chloride	<0.10		0.25	0.10	ug/Kg			07/16/13 11:04	1
Xylenes, Total	<0.068		0.50	0.068	ug/Kg			07/16/13 11:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 125*		*07/16/13 11:04*	*1*
4-Bromofluorobenzene (Surr)	*88*		*75 - 120*		*07/16/13 11:04*	*1*
Dibromofluoromethane	*100*		*75 - 120*		*07/16/13 11:04*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*07/16/13 11:04*	*1*

Lab Sample ID: LCS 500-193377/4
Matrix: Solid
Analysis Batch: 193377

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	51.9		ug/Kg		104	75 - 120
1,1,1-Trichloroethane	50.0	49.7		ug/Kg		99	70 - 123
1,1,2,2-Tetrachloroethane	50.0	45.9		ug/Kg		92	70 - 128
1,1,2-Trichloroethane	50.0	48.4		ug/Kg		97	69 - 120
1,1-Dichloroethane	50.0	50.8		ug/Kg		102	68 - 121
1,1-Dichloroethene	50.0	44.7		ug/Kg		89	58 - 122
1,1-Dichloropropene	50.0	48.1		ug/Kg		96	70 - 120
1,2,3-Trichlorobenzene	50.0	54.7		ug/Kg		109	56 - 137
1,2,3-Trichloropropane	50.0	45.7		ug/Kg		91	70 - 120
1,2,4-Trichlorobenzene	50.0	55.7		ug/Kg		111	65 - 121
1,2,4-Trimethylbenzene	50.0	47.1		ug/Kg		94	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	47.0		ug/Kg		94	60 - 121
1,2-Dibromoethane	50.0	49.0		ug/Kg		98	70 - 120
1,2-Dichlorobenzene	50.0	55.6		ug/Kg		111	75 - 120
1,2-Dichloroethane	50.0	52.0		ug/Kg		104	69 - 120
1,2-Dichloropropane	50.0	49.2		ug/Kg		98	70 - 120
1,3,5-Trimethylbenzene	50.0	47.4		ug/Kg		95	75 - 123
1,3-Dichlorobenzene	50.0	51.2		ug/Kg		102	70 - 120
1,3-Dichloropropane	50.0	44.6		ug/Kg		89	70 - 120
1,4-Dichlorobenzene	50.0	49.8		ug/Kg		100	75 - 120
2,2-Dichloropropane	50.0	46.3		ug/Kg		93	67 - 125
2-Chlorotoluene	50.0	45.9		ug/Kg		92	70 - 120
4-Chlorotoluene	50.0	45.6		ug/Kg		91	70 - 120
Benzene	50.0	47.7		ug/Kg		95	70 - 120
Bromobenzene	50.0	55.7		ug/Kg		111	70 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-193377/4
Matrix: Solid
Analysis Batch: 193377

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromochloromethane	50.0	52.9		ug/Kg		106	67 - 122
Bromodichloromethane	50.0	45.4		ug/Kg		91	70 - 120
Bromoform	50.0	58.6		ug/Kg		117	70 - 125
Bromomethane	50.0	27.1		ug/Kg		54	50 - 150
Carbon tetrachloride	50.0	52.6		ug/Kg		105	70 - 125
Chlorobenzene	50.0	50.0		ug/Kg		100	70 - 120
Chloroethane	50.0	37.9		ug/Kg		76	50 - 150
Chloroform	50.0	49.6		ug/Kg		99	70 - 120
Chloromethane	50.0	55.3		ug/Kg		111	50 - 134
cis-1,2-Dichloroethene	50.0	50.0		ug/Kg		100	70 - 120
cis-1,3-Dichloropropene	50.0	44.0		ug/Kg		88	70 - 120
Dibromochloromethane	50.0	52.9		ug/Kg		106	70 - 120
Dibromomethane	50.0	44.8		ug/Kg		90	70 - 120
Dichlorodifluoromethane	50.0	57.5		ug/Kg		115	40 - 140
Ethylbenzene	50.0	49.3		ug/Kg		99	75 - 120
Hexachlorobutadiene	50.0	62.9		ug/Kg		126	65 - 135
Isopropylbenzene	50.0	48.8		ug/Kg		98	70 - 120
Methyl tert-butyl ether	50.0	45.1		ug/Kg		90	58 - 122
Methylene Chloride	50.0	47.1		ug/Kg		94	65 - 125
Naphthalene	50.0	52.0		ug/Kg		104	55 - 132
n-Butylbenzene	50.0	48.0		ug/Kg		96	75 - 120
N-Propylbenzene	50.0	46.3		ug/Kg		93	70 - 120
p-Isopropyltoluene	50.0	49.2		ug/Kg		98	70 - 120
sec-Butylbenzene	50.0	46.7		ug/Kg		93	70 - 120
Styrene	50.0	55.2		ug/Kg		110	75 - 120
tert-Butylbenzene	50.0	48.6		ug/Kg		97	70 - 120
Tetrachloroethene	50.0	54.1		ug/Kg		108	70 - 123
Toluene	50.0	47.2		ug/Kg		94	70 - 120
trans-1,2-Dichloroethene	50.0	48.3		ug/Kg		97	70 - 124
trans-1,3-Dichloropropene	50.0	45.4		ug/Kg		91	70 - 120
Trichloroethene	50.0	52.7		ug/Kg		105	70 - 120
Trichlorofluoromethane	50.0	46.1		ug/Kg		92	63 - 134
Vinyl chloride	50.0	52.9		ug/Kg		106	62 - 138
Xylenes, Total	100	101		ug/Kg		101	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 125*
4-Bromofluorobenzene (Surr)	*101*		*75 - 120*
Dibromofluoromethane	*103*		*75 - 120*
Toluene-d8 (Surr)	*95*		*75 - 120*

Lab Chronicle

Client: Environmental Forensic Investigation Inc
Project/Site: OHM - Wauwatosa - 6140

TestAmerica Job ID: 500-59107-1

Client Sample ID: 6140-UHA - 1 (3-4')

Lab Sample ID: 500-59107-1

Date Collected: 07/10/13 10:05
Matrix: Solid
Date Received: 07/12/13 10:20
Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			193114	07/10/13 10:05	WRE	TAL CHI
Total/NA	Analysis	8260B		50	193377	07/16/13 17:24	BDA	TAL CHI
Total/NA	Analysis	Moisture		1	193370	07/16/13 07:55	CMV	TAL CHI

Client Sample ID: 6140-UHA - 2 (4-5')

Lab Sample ID: 500-59107-2

Date Collected: 07/10/13 12:00
Matrix: Solid
Date Received: 07/12/13 10:20
Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			193114	07/10/13 12:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	193377	07/16/13 17:48	BDA	TAL CHI
Total/NA	Analysis	Moisture		1	193370	07/16/13 07:55	CMV	TAL CHI

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Certification Summary

Client: Environmental Forensic Investigation Inc
Project/Site: OHM - Wauwatosa - 6140

TestAmerica Job ID: 500-59107-1

Laboratory: TestAmerica Chicago

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40461	06-30-14
California	NELAP	9	01132CA	04-30-14
Georgia	State Program	4	N/A	04-30-14
Georgia	State Program	4	939	04-30-14
Hawaii	State Program	9	N/A	04-30-14
Illinois	NELAP	5	100201	04-30-14
Indiana	State Program	5	C-IL-02	04-30-14
Iowa	State Program	7	82	05-01-14
Kansas	NELAP	7	E-10161	10-31-13
Kentucky	State Program	4	90023	12-31-13
Kentucky (UST)	State Program	4	66	04-30-14
Louisiana	NELAP	6	30720	06-30-14
Massachusetts	State Program	1	M-IL035	06-30-14
Mississippi	State Program	4	N/A	04-30-14
North Carolina DENR	State Program	4	291	12-31-13
North Dakota	State Program	8	R-194	04-30-14
Oklahoma	State Program	6	8908	08-31-13
South Carolina	State Program	4	77001	06-30-13 *
Texas	NELAP	6	T104704252-09-TX	02-28-14
USDA	Federal		P330-12-00038	02-06-15
Wisconsin	State Program	5	999580010	08-31-13

* Expired certification is currently pending renewal and is considered valid.

TestAmerica

THE LEADER IN ENVIRONMENTAL

2417 Bond Street, University Park, IL 604
Phone: 708.534.5200 Fax: 708.534.

500-59107 COC

(optional)

Report To
Contact: W. Fassbender
Company: Enviro Forensics
Address: N16 W23340 Stone Ridge Dr Suite CA
Address: Waukesha WI 53188
Phone: 317-972-7870
Fax:
E-Mail:

(optional)

Bill To
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Chain of Custody Record

Lab Job #: 500-59107
Chain of Custody Number:
Page 1 of 1
Temperature °C of Cooler: 8.6

Client	Client Project #	Preservative
EnviroForensics	6140	
Project Name		**Parameter**
OHM-Waukesha		
Project Location/State	**Lab Project #**	
Waukesha WI		
Sampler	**Lab PM**	
K. Weinstrand		

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. NaHSO4
7. Cool to 4°
8. None
9. Other

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	VOC by 8260	D.O. W.C.								Comments
1		6140-SG-1-(3-4')	7/10/13	1035	2	S	X	X								
2		6140-SG-2-(4-5')	7/10/13	1200	2	S	X	X								

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days _____ Other
Requested Due Date _____

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	EFS	7/11/13		[signature]	TA-CHS	7/12/13	1020
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier
Shipped FedEx
Hand Delivered

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments

Lab Comments:

Healy, Jayne

From: Fredrick, Sandie
Sent: Monday, July 22, 2013 12:07 PM
To: Healy, Jayne
Subject: FW: Sample Name change 6140 OHM Wauwatosa
Attachments: image001.png; image006.jpg

Hi Jayne,
Can you please scan this to job 500-59107?
Thanks,
Sandie

SANDRA FREDRICK
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street
University Park, IL 60484
Tel 920-261-1660
sandie.fredrick@testamericainc.com

From: Jonathon Jordan [mailto:JJordan@enviroforensics.com]
Sent: Monday, July 22, 2013 11:54 AM
To: Fredrick, Sandie
Subject: Sample Name change 6140 OHM Wauwatosa

Hey Sandie,

We recently sent some samples to Chicago(soil) and Knoxville(soilgas).
Could you have the sample names changed to these↓

SOIL

6140-SG-1(3'-4') →changed to→ 6140-UHA-1(3'-4')
6140-SG-2(4'-5') →changed to→6140-UHA-2(4'-5')

SOIL GAS

6140-SG-1 →changed to→6140-UHA-1(canister#10598/flow#121)
6140-SG-2 →changed to→6140-UHA-2(canister#10597/flow#186)

Everything else is correct on the chain of custody.

Thanks,

Jonathon Jordan
Staff Geologist

EnviroForensics | N16 W23390 Stone Ridge Drive | Waukesha, WI 53188
P. 414.219.1338 | C. 317.400.8813 | F. 262.510.0460
www.enviroforensics.com

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Login Sample Receipt Checklist

Client: Environmental Forensic Investigation Inc

Job Number: 500-59107-1

Login Number: 59107

List Source: TestAmerica Chicago

List Number: 1

Creator: Scott, Sherri L

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Water present in cooler; indicates evidence of melted ice.
Cooler Temperature is acceptable.	False	
Cooler Temperature is recorded.	True	8.6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Synergy Environmental Lab, INC.

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

WAYNE FASSBENDER
ENVIROFORENSICS
N16 W23390 STONE RIDGE DRIVE
WAUKESHA, WI 53188

Report Date *05-Feb-15*

Project Name OHM-WAUWATOSA
Project # 6140 / PO# 2015087

Invoice # E28433

Lab Code 5028433A
Sample ID 6140-MW-1
Sample Matrix Water
Sample Date 2/2/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		2/4/2015	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		2/4/2015	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		2/4/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		2/4/2015	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		2/4/2015	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		2/4/2015	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		2/4/2015	CJR	1
Carbon Tetrachloride	< 0.65	ug/l	0.65	2.1	1	8260B		2/4/2015	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		2/4/2015	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		2/4/2015	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		2/4/2015	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		2/4/2015	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		2/4/2015	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		2/4/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		2/4/2015	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		2/4/2015	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		2/4/2015	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		2/4/2015	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		2/4/2015	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		2/4/2015	CJR	1
1,2-Dichloroethane	< 0.54	ug/l	0.54	1.7	1	8260B		2/4/2015	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		2/4/2015	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		2/4/2015	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		2/4/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		2/4/2015	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		2/4/2015	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		2/4/2015	CJR	4 8
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		2/4/2015	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		2/4/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		2/4/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		2/4/2015	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		2/4/2015	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		2/4/2015	CJR	1

Project Name OHM-WAUWATOSA **Invoice #** E28433
Project # 6140 / PO# 2015087

Lab Code 5028433A
Sample ID 6140-MW-1
Sample Matrix Water
Sample Date 2/2/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		2/4/2015	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		2/4/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		2/4/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		2/4/2015	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		2/4/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		2/4/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		2/4/2015	CJR	1
Tetrachloroethene	< 0.74	ug/l	0.74	2.4	1	8260B		2/4/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		2/4/2015	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		2/4/2015	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		2/4/2015	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		2/4/2015	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		2/4/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		2/4/2015	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		2/4/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		2/4/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		2/4/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		2/4/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		2/4/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		2/4/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	99	REC %			1	8260B		2/4/2015	CJR	1
SUR - 4-Bromofluorobenzene	99	REC %			1	8260B		2/4/2015	CJR	1
SUR - Dibromofluoromethane	92	REC %			1	8260B		2/4/2015	CJR	1
SUR - Toluene-d8	101	REC %			1	8260B		2/4/2015	CJR	1

Project Name OHM-WAUWATOSA **Invoice #** E28433
Project # 6140 / PO# 2015087

Lab Code 5028433B
Sample ID 6140-MW-2
Sample Matrix Water
Sample Date 2/2/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		2/4/2015	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		2/4/2015	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		2/4/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		2/4/2015	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		2/4/2015	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		2/4/2015	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		2/4/2015	CJR	1
Carbon Tetrachloride	< 0.65	ug/l	0.65	2.1	1	8260B		2/4/2015	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		2/4/2015	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		2/4/2015	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		2/4/2015	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		2/4/2015	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		2/4/2015	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		2/4/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		2/4/2015	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		2/4/2015	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		2/4/2015	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		2/4/2015	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		2/4/2015	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		2/4/2015	CJR	1
1,2-Dichloroethane	< 0.54	ug/l	0.54	1.7	1	8260B		2/4/2015	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		2/4/2015	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		2/4/2015	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		2/4/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		2/4/2015	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		2/4/2015	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		2/4/2015	CJR	4 8
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		2/4/2015	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		2/4/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		2/4/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		2/4/2015	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		2/4/2015	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		2/4/2015	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		2/4/2015	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		2/4/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		2/4/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		2/4/2015	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		2/4/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		2/4/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		2/4/2015	CJR	1
Tetrachloroethene	< 0.74	ug/l	0.74	2.4	1	8260B		2/4/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		2/4/2015	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		2/4/2015	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		2/4/2015	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		2/4/2015	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		2/4/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		2/4/2015	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		2/4/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		2/4/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		2/4/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		2/4/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		2/4/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		2/4/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	92	REC %			1	8260B		2/4/2015	CJR	1
SUR - Toluene-d8	100	REC %			1	8260B		2/4/2015	CJR	1
SUR - 4-Bromofluorobenzene	103	REC %			1	8260B		2/4/2015	CJR	1
SUR - Dibromofluoromethane	92	REC %			1	8260B		2/4/2015	CJR	1

Project Name OHM-WAUWATOSA **Invoice #** E28433
Project # 6140 / PO# 2015087

Lab Code 5028433C
Sample ID 6140-MW-3
Sample Matrix Water
Sample Date 2/2/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		2/4/2015	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		2/4/2015	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		2/4/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		2/4/2015	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		2/4/2015	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		2/4/2015	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		2/4/2015	CJR	1
Carbon Tetrachloride	< 0.65	ug/l	0.65	2.1	1	8260B		2/4/2015	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		2/4/2015	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		2/4/2015	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		2/4/2015	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		2/4/2015	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		2/4/2015	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		2/4/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		2/4/2015	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		2/4/2015	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		2/4/2015	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		2/4/2015	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		2/4/2015	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		2/4/2015	CJR	1
1,2-Dichloroethane	< 0.54	ug/l	0.54	1.7	1	8260B		2/4/2015	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		2/4/2015	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		2/4/2015	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		2/4/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		2/4/2015	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		2/4/2015	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		2/4/2015	CJR	4 8
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		2/4/2015	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		2/4/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		2/4/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		2/4/2015	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		2/4/2015	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		2/4/2015	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		2/4/2015	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		2/4/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		2/4/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		2/4/2015	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		2/4/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		2/4/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		2/4/2015	CJR	1
Tetrachloroethene	< 0.74	ug/l	0.74	2.4	1	8260B		2/4/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		2/4/2015	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		2/4/2015	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		2/4/2015	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		2/4/2015	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		2/4/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		2/4/2015	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		2/4/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		2/4/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		2/4/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		2/4/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		2/4/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		2/4/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	96	REC %			1	8260B		2/4/2015	CJR	1
SUR - 4-Bromofluorobenzene	101	REC %			1	8260B		2/4/2015	CJR	1
SUR - Dibromofluoromethane	93	REC %			1	8260B		2/4/2015	CJR	1
SUR - Toluene-d8	100	REC %			1	8260B		2/4/2015	CJR	1

Project Name OHM-WAUWATOSA **Invoice #** E28433
Project # 6140 / PO# 2015087

Lab Code 5028433D
Sample ID 6140-MW-4
Sample Matrix Water
Sample Date 2/2/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		2/4/2015	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		2/4/2015	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		2/4/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		2/4/2015	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		2/4/2015	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		2/4/2015	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		2/4/2015	CJR	1
Carbon Tetrachloride	< 0.65	ug/l	0.65	2.1	1	8260B		2/4/2015	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		2/4/2015	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		2/4/2015	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		2/4/2015	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		2/4/2015	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		2/4/2015	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		2/4/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		2/4/2015	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		2/4/2015	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		2/4/2015	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		2/4/2015	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		2/4/2015	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		2/4/2015	CJR	1
1,2-Dichloroethane	< 0.54	ug/l	0.54	1.7	1	8260B		2/4/2015	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		2/4/2015	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		2/4/2015	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		2/4/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		2/4/2015	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		2/4/2015	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		2/4/2015	CJR	4 8
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		2/4/2015	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		2/4/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		2/4/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		2/4/2015	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		2/4/2015	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		2/4/2015	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		2/4/2015	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		2/4/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		2/4/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		2/4/2015	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		2/4/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		2/4/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		2/4/2015	CJR	1
Tetrachloroethene	< 0.74	ug/l	0.74	2.4	1	8260B		2/4/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		2/4/2015	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		2/4/2015	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		2/4/2015	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		2/4/2015	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		2/4/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		2/4/2015	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		2/4/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		2/4/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		2/4/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		2/4/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		2/4/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		2/4/2015	CJR	1
SUR - Toluene-d8	100	REC %			1	8260B		2/4/2015	CJR	1
SUR - Dibromofluoromethane	93	REC %			1	8260B		2/4/2015	CJR	1
SUR - 4-Bromofluorobenzene	105	REC %			1	8260B		2/4/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %			1	8260B		2/4/2015	CJR	1

Project Name OHM-WAUWATOSA **Invoice #** E28433
Project # 6140 / PO# 2015087

Lab Code 5028433E
Sample ID 6140-DUP-1
Sample Matrix Water
Sample Date 2/2/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		2/4/2015	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		2/4/2015	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		2/4/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		2/4/2015	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		2/4/2015	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		2/4/2015	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		2/4/2015	CJR	1
Carbon Tetrachloride	< 0.65	ug/l	0.65	2.1	1	8260B		2/4/2015	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		2/4/2015	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		2/4/2015	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		2/4/2015	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		2/4/2015	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		2/4/2015	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		2/4/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		2/4/2015	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		2/4/2015	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		2/4/2015	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		2/4/2015	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		2/4/2015	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		2/4/2015	CJR	1
1,2-Dichloroethane	< 0.54	ug/l	0.54	1.7	1	8260B		2/4/2015	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		2/4/2015	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		2/4/2015	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		2/4/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		2/4/2015	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		2/4/2015	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		2/4/2015	CJR	4 8
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		2/4/2015	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		2/4/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		2/4/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		2/4/2015	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		2/4/2015	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		2/4/2015	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		2/4/2015	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		2/4/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		2/4/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		2/4/2015	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		2/4/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		2/4/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		2/4/2015	CJR	1
Tetrachloroethene	< 0.74	ug/l	0.74	2.4	1	8260B		2/4/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		2/4/2015	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		2/4/2015	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		2/4/2015	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		2/4/2015	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		2/4/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		2/4/2015	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		2/4/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		2/4/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		2/4/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		2/4/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		2/4/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		2/4/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	92	REC %			1	8260B		2/4/2015	CJR	1
SUR - 4-Bromofluorobenzene	100	REC %			1	8260B		2/4/2015	CJR	1
SUR - Dibromofluoromethane	93	REC %			1	8260B		2/4/2015	CJR	1
SUR - Toluene-d8	103	REC %			1	8260B		2/4/2015	CJR	1

Project Name OHM-WAUWATOSA **Invoice #** E28433
Project # 6140 / PO# 2015087

Lab Code 5028433F
Sample ID 6140-EB-1
Sample Matrix Water
Sample Date 2/2/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		2/4/2015	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		2/4/2015	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		2/4/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		2/4/2015	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		2/4/2015	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		2/4/2015	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		2/4/2015	CJR	1
Carbon Tetrachloride	< 0.65	ug/l	0.65	2.1	1	8260B		2/4/2015	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		2/4/2015	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		2/4/2015	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		2/4/2015	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		2/4/2015	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		2/4/2015	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		2/4/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		2/4/2015	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		2/4/2015	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		2/4/2015	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		2/4/2015	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		2/4/2015	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		2/4/2015	CJR	1
1,2-Dichloroethane	< 0.54	ug/l	0.54	1.7	1	8260B		2/4/2015	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		2/4/2015	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		2/4/2015	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		2/4/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		2/4/2015	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		2/4/2015	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		2/4/2015	CJR	4 8
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		2/4/2015	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		2/4/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		2/4/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		2/4/2015	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		2/4/2015	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		2/4/2015	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		2/4/2015	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		2/4/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		2/4/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		2/4/2015	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		2/4/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		2/4/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		2/4/2015	CJR	1
Tetrachloroethene	< 0.74	ug/l	0.74	2.4	1	8260B		2/4/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		2/4/2015	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		2/4/2015	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		2/4/2015	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		2/4/2015	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		2/4/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		2/4/2015	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		2/4/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		2/4/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		2/4/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		2/4/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		2/4/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		2/4/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	94	REC %			1	8260B		2/4/2015	CJR	1
SUR - 4-Bromofluorobenzene	98	REC %			1	8260B		2/4/2015	CJR	1
SUR - Dibromofluoromethane	91	REC %			1	8260B		2/4/2015	CJR	1
SUR - Toluene-d8	98	REC %			1	8260B		2/4/2015	CJR	1

Project Name OHM-WAUWATOSA **Invoice #** E28433
Project # 6140 / PO# 2015087

Lab Code 5028433G
Sample ID TRIP BLANK
Sample Matrix Water
Sample Date 2/2/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		2/4/2015	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		2/4/2015	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		2/4/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		2/4/2015	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		2/4/2015	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		2/4/2015	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		2/4/2015	CJR	1
Carbon Tetrachloride	< 0.65	ug/l	0.65	2.1	1	8260B		2/4/2015	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		2/4/2015	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		2/4/2015	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		2/4/2015	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		2/4/2015	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		2/4/2015	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		2/4/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		2/4/2015	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		2/4/2015	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		2/4/2015	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		2/4/2015	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		2/4/2015	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		2/4/2015	CJR	1
1,2-Dichloroethane	< 0.54	ug/l	0.54	1.7	1	8260B		2/4/2015	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		2/4/2015	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		2/4/2015	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		2/4/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		2/4/2015	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		2/4/2015	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		2/4/2015	CJR	4 8
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		2/4/2015	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		2/4/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		2/4/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		2/4/2015	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		2/4/2015	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		2/4/2015	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		2/4/2015	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		2/4/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		2/4/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		2/4/2015	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		2/4/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		2/4/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		2/4/2015	CJR	1
Tetrachloroethene	< 0.74	ug/l	0.74	2.4	1	8260B		2/4/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		2/4/2015	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		2/4/2015	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		2/4/2015	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		2/4/2015	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		2/4/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		2/4/2015	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		2/4/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		2/4/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		2/4/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		2/4/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		2/4/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		2/4/2015	CJR	1
SUR - Toluene-d8	101	REC %			1	8260B		2/4/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	93	REC %			1	8260B		2/4/2015	CJR	1
SUR - 4-Bromofluorobenzene	101	REC %			1	8260B		2/4/2015	CJR	1
SUR - Dibromofluoromethane	85	REC %			1	8260B		2/4/2015	CJR	1

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Code	*Comment*
1	Laboratory QC within limits.
4	The continuing calibration standard not within established limits.
8	Closing calibration standard not within established limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature

CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

Chain # № 2737

WDF

Page 1 of 1

Sample Handling Request

_____ Rush Analysis Date Required _____
(Rushes accepted only with prior authorization)

X Normal Turn Around

Lab I.D. #	
Account No. :	Quote No.:
Project #: 6140	
Sampler: (signature)	
Project (Name / Location): OHM-Wauwatosa / Wauwatosa, WI	
Reports To: W. Fassbender / K. Heimstead	Invoice To:
Company EnviroForensics	Company
Address N116 W23390 Stone Ridge Dr Ste G	Address
City State Zip Waukesha WI 53188	City State Zip
Phone 317-972-7870	Phone
FAX	FAX

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-RCRA METALS	PID/ FID
502933A	6140-MW-1	2-2-2015	1235		X	N	3	GW	HCl													X		
B	6140-MW-2	2-2-2015	1410		X	N	3	GW	HCl													X		
C	6140-MW-3	2-2-2015	1325		X	N	3	GW	HCl													X		
D	6140-MW-4	2-2-2015	1110		X	N	3	GW	HCl													X		
	~~Dup~~ FH																							MH
E	6140-Dup-1	2-2-2015	-		X	N	3	GW	HCl													X		
F	6140-EB-1	2-2-2015	-		X	N		GW	HCl													X		
G	TRIP BLANK	-	-		-	-	1	-	-													X		

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

PO # 2015087

Sample Integrity - To be completed by receiving lab.

Method of Shipment: Durham

Temp. of Temp. Blank ____ °C On Ice: X

Cooler seal intact upon receipt: X Yes ____ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
		2-2-2015		3:30	2/2/15

Received in Laboratory By: Time: 8:00 Date: 2/3/15

Synergy Environmental Lab, INC.

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

WAYNE FASSBENDER
ENVIROFORENSICS
N16 W23390 STONE RIDGE DRIVE
WAUKESHA, WI 53188

Report Date *24-Apr-15*

Project Name **Invoice #** E28803
Project # 6140.14C PO2015298

Lab Code 5028803A
Sample ID 6140-MW-1
Sample Matrix Water
Sample Date 4/15/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		4/23/2015	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		4/23/2015	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		4/23/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		4/23/2015	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		4/23/2015	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		4/23/2015	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		4/23/2015	CJR	1
Carbon Tetrachloride	< 0.65	ug/l	0.65	2.1	1	8260B		4/23/2015	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		4/23/2015	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		4/23/2015	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		4/23/2015	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		4/23/2015	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		4/23/2015	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		4/23/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		4/23/2015	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		4/23/2015	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		4/23/2015	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		4/23/2015	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		4/23/2015	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		4/23/2015	CJR	1
1,2-Dichloroethane	< 0.54	ug/l	0.54	1.7	1	8260B		4/23/2015	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		4/23/2015	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		4/23/2015	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		4/23/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		4/23/2015	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		4/23/2015	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		4/23/2015	CJR	8
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		4/23/2015	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		4/23/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		4/23/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		4/23/2015	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		4/23/2015	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		4/23/2015	CJR	1

Project Name **Invoice #** E28803
Project # 6140.14C PO2015298

Lab Code 5028803A
Sample ID 6140-MW-1
Sample Matrix Water
Sample Date 4/15/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		4/23/2015	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		4/23/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		4/23/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		4/23/2015	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		4/23/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		4/23/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		4/23/2015	CJR	1
Tetrachloroethene	< 0.74	ug/l	0.74	2.4	1	8260B		4/23/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		4/23/2015	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		4/23/2015	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		4/23/2015	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		4/23/2015	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		4/23/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		4/23/2015	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		4/23/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		4/23/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		4/23/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		4/23/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		4/23/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		4/23/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	93	REC %			1	8260B		4/23/2015	CJR	1
SUR - 4-Bromofluorobenzene	95	REC %			1	8260B		4/23/2015	CJR	1
SUR - Dibromofluoromethane	87	REC %			1	8260B		4/23/2015	CJR	1
SUR - Toluene-d8	101	REC %			1	8260B		4/23/2015	CJR	1

Project Name **Invoice #** E28803
Project # 6140.14C PO2015298

Lab Code 5028803B
Sample ID 6140-MW-2
Sample Matrix Water
Sample Date 4/15/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		4/23/2015	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		4/23/2015	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		4/23/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		4/23/2015	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		4/23/2015	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		4/23/2015	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		4/23/2015	CJR	1
Carbon Tetrachloride	< 0.65	ug/l	0.65	2.1	1	8260B		4/23/2015	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		4/23/2015	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		4/23/2015	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		4/23/2015	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		4/23/2015	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		4/23/2015	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		4/23/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		4/23/2015	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		4/23/2015	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		4/23/2015	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		4/23/2015	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		4/23/2015	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		4/23/2015	CJR	1
1,2-Dichloroethane	< 0.54	ug/l	0.54	1.7	1	8260B		4/23/2015	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		4/23/2015	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		4/23/2015	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		4/23/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		4/23/2015	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		4/23/2015	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		4/23/2015	CJR	8
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		4/23/2015	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		4/23/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		4/23/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		4/23/2015	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		4/23/2015	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		4/23/2015	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		4/23/2015	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		4/23/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		4/23/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		4/23/2015	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		4/23/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		4/23/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		4/23/2015	CJR	1
Tetrachloroethene	< 0.74	ug/l	0.74	2.4	1	8260B		4/23/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		4/23/2015	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		4/23/2015	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		4/23/2015	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		4/23/2015	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		4/23/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		4/23/2015	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		4/23/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		4/23/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		4/23/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		4/23/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		4/23/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		4/23/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	97	REC %			1	8260B		4/23/2015	CJR	1
SUR - Toluene-d8	100	REC %			1	8260B		4/23/2015	CJR	1
SUR - 4-Bromofluorobenzene	93	REC %			1	8260B		4/23/2015	CJR	1
SUR - Dibromofluoromethane	87	REC %			1	8260B		4/23/2015	CJR	1

Project Name **Invoice #** E28803
Project # 6140.14C PO2015298

Lab Code 5028803C
Sample ID 6140-MW-3
Sample Matrix Water
Sample Date 4/15/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		4/23/2015	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		4/23/2015	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		4/23/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		4/23/2015	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		4/23/2015	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		4/23/2015	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		4/23/2015	CJR	1
Carbon Tetrachloride	< 0.65	ug/l	0.65	2.1	1	8260B		4/23/2015	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		4/23/2015	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		4/23/2015	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		4/23/2015	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		4/23/2015	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		4/23/2015	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		4/23/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		4/23/2015	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		4/23/2015	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		4/23/2015	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		4/23/2015	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		4/23/2015	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		4/23/2015	CJR	1
1,2-Dichloroethane	< 0.54	ug/l	0.54	1.7	1	8260B		4/23/2015	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		4/23/2015	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		4/23/2015	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		4/23/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		4/23/2015	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		4/23/2015	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		4/23/2015	CJR	8
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		4/23/2015	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		4/23/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		4/23/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		4/23/2015	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		4/23/2015	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		4/23/2015	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		4/23/2015	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		4/23/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		4/23/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		4/23/2015	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		4/23/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		4/23/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		4/23/2015	CJR	1
Tetrachloroethene	< 0.74	ug/l	0.74	2.4	1	8260B		4/23/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		4/23/2015	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		4/23/2015	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		4/23/2015	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		4/23/2015	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		4/23/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		4/23/2015	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		4/23/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		4/23/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		4/23/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		4/23/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		4/23/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		4/23/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	94	REC %			1	8260B		4/23/2015	CJR	1
SUR - 4-Bromofluorobenzene	91	REC %			1	8260B		4/23/2015	CJR	1
SUR - Dibromofluoromethane	88	REC %			1	8260B		4/23/2015	CJR	1
SUR - Toluene-d8	101	REC %			1	8260B		4/23/2015	CJR	1

Project Name **Invoice #** E28803
Project # 6140.14C PO2015298

Lab Code 5028803D
Sample ID 6140-MW-4
Sample Matrix Water
Sample Date 4/15/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		4/23/2015	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		4/23/2015	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		4/23/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		4/23/2015	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		4/23/2015	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		4/23/2015	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		4/23/2015	CJR	1
Carbon Tetrachloride	< 0.65	ug/l	0.65	2.1	1	8260B		4/23/2015	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		4/23/2015	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		4/23/2015	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		4/23/2015	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		4/23/2015	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		4/23/2015	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		4/23/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		4/23/2015	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		4/23/2015	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		4/23/2015	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		4/23/2015	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		4/23/2015	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		4/23/2015	CJR	1
1,2-Dichloroethane	< 0.54	ug/l	0.54	1.7	1	8260B		4/23/2015	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		4/23/2015	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		4/23/2015	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		4/23/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		4/23/2015	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		4/23/2015	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		4/23/2015	CJR	8
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		4/23/2015	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		4/23/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		4/23/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		4/23/2015	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		4/23/2015	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		4/23/2015	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		4/23/2015	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		4/23/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		4/23/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		4/23/2015	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		4/23/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		4/23/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		4/23/2015	CJR	1
Tetrachloroethene	< 0.74	ug/l	0.74	2.4	1	8260B		4/23/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		4/23/2015	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		4/23/2015	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		4/23/2015	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		4/23/2015	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		4/23/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		4/23/2015	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		4/23/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		4/23/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		4/23/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		4/23/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		4/23/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		4/23/2015	CJR	1
SUR - Toluene-d8	100	REC %			1	8260B		4/23/2015	CJR	1
SUR - Dibromofluoromethane	89	REC %			1	8260B		4/23/2015	CJR	1
SUR - 4-Bromofluorobenzene	94	REC %			1	8260B		4/23/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	91	REC %			1	8260B		4/23/2015	CJR	1

Project Name **Invoice #** E28803
Project # 6140.14C PO2015298

Lab Code 5028803E
Sample ID 6140-DUP-1
Sample Matrix Water
Sample Date 4/15/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		4/23/2015	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		4/23/2015	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		4/23/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		4/23/2015	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		4/23/2015	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		4/23/2015	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		4/23/2015	CJR	1
Carbon Tetrachloride	< 0.65	ug/l	0.65	2.1	1	8260B		4/23/2015	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		4/23/2015	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		4/23/2015	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		4/23/2015	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		4/23/2015	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		4/23/2015	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		4/23/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		4/23/2015	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		4/23/2015	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		4/23/2015	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		4/23/2015	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		4/23/2015	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		4/23/2015	CJR	1
1,2-Dichloroethane	< 0.54	ug/l	0.54	1.7	1	8260B		4/23/2015	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		4/23/2015	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		4/23/2015	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		4/23/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		4/23/2015	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		4/23/2015	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		4/23/2015	CJR	8
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		4/23/2015	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		4/23/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		4/23/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		4/23/2015	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		4/23/2015	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		4/23/2015	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		4/23/2015	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		4/23/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		4/23/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		4/23/2015	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		4/23/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		4/23/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		4/23/2015	CJR	1
Tetrachloroethene	< 0.74	ug/l	0.74	2.4	1	8260B		4/23/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		4/23/2015	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		4/23/2015	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		4/23/2015	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		4/23/2015	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		4/23/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		4/23/2015	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		4/23/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		4/23/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		4/23/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		4/23/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		4/23/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		4/23/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	92	REC %			1	8260B		4/23/2015	CJR	1
SUR - 4-Bromofluorobenzene	95	REC %			1	8260B		4/23/2015	CJR	1
SUR - Dibromofluoromethane	88	REC %			1	8260B		4/23/2015	CJR	1
SUR - Toluene-d8	104	REC %			1	8260B		4/23/2015	CJR	1

Project Name **Invoice #** E28803
Project # 6140.14C PO2015298

Lab Code 5028803F
Sample ID 6140-EB-1
Sample Matrix Water
Sample Date 4/15/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		4/23/2015	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		4/23/2015	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		4/23/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		4/23/2015	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		4/23/2015	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		4/23/2015	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		4/23/2015	CJR	1
Carbon Tetrachloride	< 0.65	ug/l	0.65	2.1	1	8260B		4/23/2015	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		4/23/2015	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		4/23/2015	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		4/23/2015	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		4/23/2015	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		4/23/2015	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		4/23/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		4/23/2015	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		4/23/2015	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		4/23/2015	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		4/23/2015	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		4/23/2015	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		4/23/2015	CJR	1
1,2-Dichloroethane	< 0.54	ug/l	0.54	1.7	1	8260B		4/23/2015	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		4/23/2015	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		4/23/2015	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		4/23/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		4/23/2015	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		4/23/2015	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		4/23/2015	CJR	8
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		4/23/2015	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		4/23/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		4/23/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		4/23/2015	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		4/23/2015	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		4/23/2015	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		4/23/2015	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		4/23/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		4/23/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		4/23/2015	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		4/23/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		4/23/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		4/23/2015	CJR	1
Tetrachloroethene	< 0.74	ug/l	0.74	2.4	1	8260B		4/23/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		4/23/2015	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		4/23/2015	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		4/23/2015	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		4/23/2015	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		4/23/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		4/23/2015	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		4/23/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		4/23/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		4/23/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		4/23/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		4/23/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		4/23/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	95	REC %			1	8260B		4/23/2015	CJR	1
SUR - 4-Bromofluorobenzene	94	REC %			1	8260B		4/23/2015	CJR	1
SUR - Dibromofluoromethane	87	REC %			1	8260B		4/23/2015	CJR	1
SUR - Toluene-d8	105	REC %			1	8260B		4/23/2015	CJR	1

Project Name **Invoice #** E28803
Project # 6140.14C PO2015298

Lab Code 5028803G
Sample ID 6140-TB-1
Sample Matrix Water
Sample Date 4/15/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		4/23/2015	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		4/23/2015	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		4/23/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		4/23/2015	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		4/23/2015	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		4/23/2015	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		4/23/2015	CJR	1
Carbon Tetrachloride	< 0.65	ug/l	0.65	2.1	1	8260B		4/23/2015	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		4/23/2015	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		4/23/2015	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		4/23/2015	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		4/23/2015	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		4/23/2015	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		4/23/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		4/23/2015	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		4/23/2015	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		4/23/2015	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		4/23/2015	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		4/23/2015	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		4/23/2015	CJR	1
1,2-Dichloroethane	< 0.54	ug/l	0.54	1.7	1	8260B		4/23/2015	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		4/23/2015	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		4/23/2015	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		4/23/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		4/23/2015	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		4/23/2015	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		4/23/2015	CJR	4 8
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		4/23/2015	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		4/23/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		4/23/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		4/23/2015	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		4/23/2015	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		4/23/2015	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		4/23/2015	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		4/23/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		4/23/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		4/23/2015	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		4/23/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		4/23/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		4/23/2015	CJR	1
Tetrachloroethene	< 0.74	ug/l	0.74	2.4	1	8260B		4/23/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		4/23/2015	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		4/23/2015	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		4/23/2015	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		4/23/2015	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		4/23/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		4/23/2015	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		4/23/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		4/23/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		4/23/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		4/23/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		4/23/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		4/23/2015	CJR	1
SUR - Toluene-d8	102	REC %			1	8260B		4/23/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	94	REC %			1	8260B		4/23/2015	CJR	1
SUR - 4-Bromofluorobenzene	98	REC %			1	8260B		4/23/2015	CJR	1
SUR - Dibromofluoromethane	87	REC %			1	8260B		4/23/2015	CJR	1

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Code	*Comment*
1	Laboratory QC within limits.
4	The continuing calibration standard not within established limits.
8	Closing calibration standard not within established limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature

CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, Inc.

WPF

1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

Chain # № 251

Page 1 of 1

Sample Handling Request
____ Rush Analysis Date Required ____
(Rushes accepted only with prior authorization)
X Normal Turn Around

Lab I.D. #

Account No. : | **Quote No.:**

Project #: 6140.14C

Sampler: (signature)

Project (Name / Location):

Reports To: W. Fassbender	Invoice To:
Company EnviroForensics	Company
Address N16 W23390 Stone Ridge Dr Suite C	Address
City State Zip Waukesha, WI 53188	City State Zip
Phone 317.972.7870	Phone
FAX	FAX

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-RCRA METALS	PID/ FID
502 8803A	6140-MW-1	4/15	1216		X	N	3	GW	HCL												X		
B	6140-MW-2	4/15	1255		X	N	3	GW	HCL												X		
C	6140-MW-3	4/15	1350		X	N	3	GW	HCL												X		
D	6140-MW-4	4/15	1446		X	N	3	GW	HCL												X		
E	6140-DUP-1	4/15	1219		X	N	3	GW	HCL												X		
F	6140-EB-1	4/15	1444		X	N	2	GW	HCL												X		
G	6140-TB-1	4/15			X	N	1	GW	HCL												X		

Analysis Requested | Other Analysis

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

PO# 2015298

Sample Integrity - To be completed by receiving lab.
Method of Shipment: Dunham
Temp. of Temp. Blank ____ °C On Ice: X
Cooler seal intact upon receipt: X Yes ____ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	1235	4-17-15		12:36	4/17/15

Received in Laboratory By: Time: 8:00 Date: 4/21/15

Synergy Environmental Lab, INC.

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

WAYNE FASSBENDER
ENVIROFORENSICS
N16 W23390 STONE RIDGE DRIVE
WAUKESHA, WI 53188

Report Date *03-Aug-15*

Project Name OHM-WAUWATOSA **Invoice #** E29360
Project # 6140

Lab Code 5029360A
Sample ID 6140-MW-1
Sample Matrix Water
Sample Date 7/28/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		7/31/2015	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		7/31/2015	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		7/31/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		7/31/2015	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		7/31/2015	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		7/31/2015	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		7/31/2015	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		7/31/2015	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		7/31/2015	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		7/31/2015	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		7/31/2015	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		7/31/2015	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		7/31/2015	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		7/31/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		7/31/2015	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		7/31/2015	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		7/31/2015	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		7/31/2015	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		7/31/2015	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		7/31/2015	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		7/31/2015	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		7/31/2015	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		7/31/2015	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		7/31/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		7/31/2015	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		7/31/2015	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		7/31/2015	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		7/31/2015	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		7/31/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		7/31/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		7/31/2015	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		7/31/2015	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		7/31/2015	CJR	1

Project Name OHM-WAUWATOSA **Invoice #** E29360
Project # 6140

Lab Code 5029360A
Sample ID 6140-MW-1
Sample Matrix Water
Sample Date 7/28/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		7/31/2015	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		7/31/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		7/31/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		7/31/2015	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		7/31/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		7/31/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		7/31/2015	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		7/31/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		7/31/2015	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		7/31/2015	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		7/31/2015	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		7/31/2015	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		7/31/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		7/31/2015	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		7/31/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		7/31/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		7/31/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		7/31/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		7/31/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		7/31/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	103	REC %			1	8260B		7/31/2015	CJR	1
SUR - 4-Bromofluorobenzene	105	REC %			1	8260B		7/31/2015	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B		7/31/2015	CJR	1
SUR - Toluene-d8	93	REC %			1	8260B		7/31/2015	CJR	1

Project Name OHM-WAUWATOSA **Invoice #** E29360
Project # 6140

Lab Code 5029360B
Sample ID 6140-MW-2
Sample Matrix Water
Sample Date 7/28/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		7/31/2015	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		7/31/2015	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		7/31/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		7/31/2015	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		7/31/2015	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		7/31/2015	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		7/31/2015	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		7/31/2015	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		7/31/2015	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		7/31/2015	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		7/31/2015	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		7/31/2015	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		7/31/2015	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		7/31/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		7/31/2015	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		7/31/2015	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		7/31/2015	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		7/31/2015	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		7/31/2015	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		7/31/2015	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		7/31/2015	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		7/31/2015	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		7/31/2015	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		7/31/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		7/31/2015	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		7/31/2015	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		7/31/2015	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		7/31/2015	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		7/31/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		7/31/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		7/31/2015	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		7/31/2015	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		7/31/2015	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		7/31/2015	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		7/31/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		7/31/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		7/31/2015	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		7/31/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		7/31/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		7/31/2015	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		7/31/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		7/31/2015	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		7/31/2015	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		7/31/2015	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		7/31/2015	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		7/31/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		7/31/2015	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		7/31/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		7/31/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		7/31/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		7/31/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		7/31/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		7/31/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	102	REC %			1	8260B		7/31/2015	CJR	1
SUR - Toluene-d8	89	REC %			1	8260B		7/31/2015	CJR	1
SUR - 4-Bromofluorobenzene	100	REC %			1	8260B		7/31/2015	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B		7/31/2015	CJR	1

Project Name OHM-WAUWATOSA **Invoice #** E29360
Project # 6140

Lab Code 5029360C
Sample ID 6140-MW-3
Sample Matrix Water
Sample Date 7/28/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		7/31/2015	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		7/31/2015	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		7/31/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		7/31/2015	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		7/31/2015	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		7/31/2015	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		7/31/2015	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		7/31/2015	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		7/31/2015	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		7/31/2015	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		7/31/2015	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		7/31/2015	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		7/31/2015	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		7/31/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		7/31/2015	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		7/31/2015	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		7/31/2015	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		7/31/2015	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		7/31/2015	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		7/31/2015	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		7/31/2015	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		7/31/2015	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		7/31/2015	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		7/31/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		7/31/2015	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		7/31/2015	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		7/31/2015	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		7/31/2015	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		7/31/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		7/31/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		7/31/2015	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		7/31/2015	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		7/31/2015	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		7/31/2015	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		7/31/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		7/31/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		7/31/2015	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		7/31/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		7/31/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		7/31/2015	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		7/31/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		7/31/2015	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		7/31/2015	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		7/31/2015	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		7/31/2015	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		7/31/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		7/31/2015	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		7/31/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		7/31/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		7/31/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		7/31/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		7/31/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		7/31/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	101	REC %			1	8260B		7/31/2015	CJR	1
SUR - 4-Bromofluorobenzene	101	REC %			1	8260B		7/31/2015	CJR	1
SUR - Dibromofluoromethane	96	REC %			1	8260B		7/31/2015	CJR	1
SUR - Toluene-d8	93	REC %			1	8260B		7/31/2015	CJR	1

Project Name OHM-WAUWATOSA **Invoice #** E29360
Project # 6140

Lab Code 5029360D
Sample ID 6140-MW-4
Sample Matrix Water
Sample Date 7/28/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		7/31/2015	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		7/31/2015	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		7/31/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		7/31/2015	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		7/31/2015	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		7/31/2015	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		7/31/2015	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		7/31/2015	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		7/31/2015	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		7/31/2015	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		7/31/2015	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		7/31/2015	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		7/31/2015	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		7/31/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		7/31/2015	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		7/31/2015	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		7/31/2015	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		7/31/2015	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		7/31/2015	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		7/31/2015	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		7/31/2015	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		7/31/2015	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		7/31/2015	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		7/31/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		7/31/2015	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		7/31/2015	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		7/31/2015	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		7/31/2015	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		7/31/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		7/31/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		7/31/2015	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		7/31/2015	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		7/31/2015	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		7/31/2015	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		7/31/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		7/31/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		7/31/2015	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		7/31/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		7/31/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		7/31/2015	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		7/31/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		7/31/2015	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		7/31/2015	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		7/31/2015	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		7/31/2015	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		7/31/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		7/31/2015	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		7/31/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		7/31/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		7/31/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		7/31/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		7/31/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		7/31/2015	CJR	1
SUR - Toluene-d8	91	REC %			1	8260B		7/31/2015	CJR	1
SUR - Dibromofluoromethane	98	REC %			1	8260B		7/31/2015	CJR	1
SUR - 4-Bromofluorobenzene	101	REC %			1	8260B		7/31/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	103	REC %			1	8260B		7/31/2015	CJR	1

Project Name OHM-WAUWATOSA **Invoice #** E29360
Project # 6140

Lab Code 5029360E
Sample ID 6140-DUP-1
Sample Matrix Water
Sample Date 7/28/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		7/31/2015	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		7/31/2015	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		7/31/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		7/31/2015	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		7/31/2015	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		7/31/2015	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		7/31/2015	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		7/31/2015	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		7/31/2015	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		7/31/2015	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		7/31/2015	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		7/31/2015	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		7/31/2015	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		7/31/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		7/31/2015	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		7/31/2015	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		7/31/2015	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		7/31/2015	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		7/31/2015	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		7/31/2015	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		7/31/2015	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		7/31/2015	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		7/31/2015	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		7/31/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		7/31/2015	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		7/31/2015	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		7/31/2015	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		7/31/2015	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		7/31/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		7/31/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		7/31/2015	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		7/31/2015	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		7/31/2015	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		7/31/2015	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		7/31/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		7/31/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		7/31/2015	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		7/31/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		7/31/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		7/31/2015	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		7/31/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		7/31/2015	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		7/31/2015	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		7/31/2015	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		7/31/2015	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		7/31/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		7/31/2015	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		7/31/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		7/31/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		7/31/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		7/31/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		7/31/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		7/31/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	99	REC %			1	8260B		7/31/2015	CJR	1
SUR - 4-Bromofluorobenzene	100	REC %			1	8260B		7/31/2015	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B		7/31/2015	CJR	1
SUR - Toluene-d8	92	REC %			1	8260B		7/31/2015	CJR	1

Project Name OHM-WAUWATOSA **Invoice #** E29360
Project # 6140

Lab Code 5029360F
Sample ID 6140-EB-1
Sample Matrix Water
Sample Date 7/28/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		7/31/2015	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		7/31/2015	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		7/31/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		7/31/2015	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		7/31/2015	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		7/31/2015	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		7/31/2015	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		7/31/2015	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		7/31/2015	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		7/31/2015	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		7/31/2015	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		7/31/2015	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		7/31/2015	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		7/31/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		7/31/2015	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		7/31/2015	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		7/31/2015	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		7/31/2015	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		7/31/2015	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		7/31/2015	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		7/31/2015	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		7/31/2015	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		7/31/2015	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		7/31/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		7/31/2015	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		7/31/2015	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		7/31/2015	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		7/31/2015	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		7/31/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		7/31/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		7/31/2015	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		7/31/2015	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		7/31/2015	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		7/31/2015	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		7/31/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		7/31/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		7/31/2015	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		7/31/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		7/31/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		7/31/2015	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		7/31/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		7/31/2015	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		7/31/2015	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		7/31/2015	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		7/31/2015	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		7/31/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		7/31/2015	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		7/31/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		7/31/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		7/31/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		7/31/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		7/31/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		7/31/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	102	REC %			1	8260B		7/31/2015	CJR	1
SUR - 4-Bromofluorobenzene	97	REC %			1	8260B		7/31/2015	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B		7/31/2015	CJR	1
SUR - Toluene-d8	91	REC %			1	8260B		7/31/2015	CJR	1

Project Name OHM-WAUWATOSA **Invoice #** E29360
Project # 6140

Lab Code 5029360G
Sample ID TRIP BLANK
Sample Matrix Water
Sample Date 7/28/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		7/31/2015	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		7/31/2015	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		7/31/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		7/31/2015	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		7/31/2015	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		7/31/2015	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		7/31/2015	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		7/31/2015	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		7/31/2015	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		7/31/2015	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		7/31/2015	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		7/31/2015	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		7/31/2015	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		7/31/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		7/31/2015	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		7/31/2015	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		7/31/2015	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		7/31/2015	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		7/31/2015	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		7/31/2015	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		7/31/2015	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		7/31/2015	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		7/31/2015	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		7/31/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		7/31/2015	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		7/31/2015	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		7/31/2015	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		7/31/2015	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		7/31/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		7/31/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		7/31/2015	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		7/31/2015	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		7/31/2015	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		7/31/2015	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		7/31/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		7/31/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		7/31/2015	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		7/31/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		7/31/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		7/31/2015	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		7/31/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		7/31/2015	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		7/31/2015	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		7/31/2015	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		7/31/2015	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		7/31/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		7/31/2015	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		7/31/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		7/31/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		7/31/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		7/31/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		7/31/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		7/31/2015	CJR	1
SUR - Toluene-d8	93	REC %			1	8260B		7/31/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	101	REC %			1	8260B		7/31/2015	CJR	1
SUR - 4-Bromofluorobenzene	102	REC %			1	8260B		7/31/2015	CJR	1
SUR - Dibromofluoromethane	99	REC %			1	8260B		7/31/2015	CJR	1

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Code	*Comment*
1	Laboratory QC within limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature

CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

WDF

Chain # Nº 2926

Page 1 of 1

Sample Handling Request
____ Rush Analysis Date Required ____
(Rushes accepted only with prior authorization)
X Normal Turn Around

Lab I.D. #	
Account No. :	Quote No.:
Project #: 6140	
Sampler: (signature)	
Project (Name / Location): OHM-Wauwatosa / Wauwatosa, WI	
Reports To: W. Fassbender / K. Heimstead	Invoice To:
Company Enviroforensics	Company
Address N16 W23390 Stone Ridge Dr.	Address
City State Zip Waukesha WI 53188	City State Zip
Phone 317-972-7870	Phone
FAX	FAX

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-RCRA METALS	PID/FID
50293604 A	6140-MW-1	7-28-15	1110		X	N	3	GW	HCl													X		
B	6140-MW-2	7-28-15	1210		X	N	3	GW	HCl													X		
C	6140-MW-3	7-28-15	1305		X	N	3	GW	HCl													X		
D	6140-MW-4	7-28-15	1405		X	N	3	GW	HCl													X		
E	6140-Dup-1	7-28-15	-		X	N	3	GW	HCl													X		
F	6140-EB-1	7-28-15	-		X	N	3	GW	HCl													X		
G	TRIPBLANK	-	-				1															X		

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

PO# 2015693

Sample Integrity - To be completed by receiving lab.
Method of Shipment: Driven
Temp. of Temp. Blank ____ °C On Ice X
Cooler seal intact upon receipt: X Yes ____ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	14:14	7-29-15		2:14	7/29/15

Received in Laboratory By: Time: 8:00 Date: 7/30/15

Synergy Environmental Lab, INC.

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

WAYNE FASSBENDER
ENVIROFORENSICS
N16 W23390 STONE RIDGE DRIVE
WAUKESHA, WI 53188

Report Date *08-Oct-15*

Project Name OHM WAUWATOSA
Project # 6140 PO#2015902
Invoice # E29804

Lab Code 5029804A
Sample ID 6140 MW-1
Sample Matrix Water
Sample Date 10/1/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		10/7/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		10/7/2015	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		10/7/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		10/7/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		10/7/2015	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B		10/7/2015	CJR	1
SUR - Toluene-d8	91	REC %			1	8260B		10/7/2015	CJR	1
SUR - 4-Bromofluorobenzene	108	REC %			1	8260B		10/7/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	95	REC %			1	8260B		10/7/2015	CJR	1

Lab Code 5029804B
Sample ID 6140 MW-2
Sample Matrix Water
Sample Date 10/1/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		10/7/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		10/7/2015	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		10/7/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		10/7/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		10/7/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	97	REC %			1	8260B		10/7/2015	CJR	1
SUR - Toluene-d8	94	REC %			1	8260B		10/7/2015	CJR	1
SUR - 4-Bromofluorobenzene	104	REC %			1	8260B		10/7/2015	CJR	1
SUR - Dibromofluoromethane	99	REC %			1	8260B		10/7/2015	CJR	1

Project Name OHM WAUWATOSA **Invoice #** E29804
Project # 6140 PO#2015902

Lab Code 5029804C
Sample ID 6140 MW-3
Sample Matrix Water
Sample Date 10/1/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		10/7/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		10/7/2015	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		10/7/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		10/7/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		10/7/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	101	REC %			1	8260B		10/7/2015	CJR	1
SUR - 4-Bromofluorobenzene	106	REC %			1	8260B		10/7/2015	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B		10/7/2015	CJR	1
SUR - Toluene-d8	94	REC %			1	8260B		10/7/2015	CJR	1

Lab Code 5029804D
Sample ID 6140 MW-4
Sample Matrix Water
Sample Date 10/1/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		10/7/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		10/7/2015	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		10/7/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		10/7/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		10/7/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	97	REC %			1	8260B		10/7/2015	CJR	1
SUR - 4-Bromofluorobenzene	108	REC %			1	8260B		10/7/2015	CJR	1
SUR - Dibromofluoromethane	98	REC %			1	8260B		10/7/2015	CJR	1
SUR - Toluene-d8	94	REC %			1	8260B		10/7/2015	CJR	1

Lab Code 5029804E
Sample ID 6140 DUP-1
Sample Matrix Water
Sample Date 10/1/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		10/7/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		10/7/2015	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		10/7/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		10/7/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		10/7/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	93	REC %			1	8260B		10/7/2015	CJR	1
SUR - 4-Bromofluorobenzene	105	REC %			1	8260B		10/7/2015	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B		10/7/2015	CJR	1
SUR - Toluene-d8	95	REC %			1	8260B		10/7/2015	CJR	1

Project Name OHM WAUWATOSA **Invoice #** E29804
Project # 6140 PO#2015902

Lab Code 5029804F
Sample ID 6140 EB-1
Sample Matrix Water
Sample Date 10/1/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		10/7/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		10/7/2015	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		10/7/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		10/7/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		10/7/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	95	REC %			1	8260B		10/7/2015	CJR	1
SUR - 4-Bromofluorobenzene	108	REC %			1	8260B		10/7/2015	CJR	1
SUR - Dibromofluoromethane	98	REC %			1	8260B		10/7/2015	CJR	1
SUR - Toluene-d8	91	REC %			1	8260B		10/7/2015	CJR	1

Lab Code 5029804G
Sample ID TRIP BLANK
Sample Matrix Water
Sample Date 10/1/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		10/7/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		10/7/2015	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		10/7/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		10/7/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		10/7/2015	CJR	1
SUR - Toluene-d8	95	REC %			1	8260B		10/7/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	95	REC %			1	8260B		10/7/2015	CJR	1
SUR - 4-Bromofluorobenzene	105	REC %			1	8260B		10/7/2015	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B		10/7/2015	CJR	1

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Code	*Comment*
1	Laboratory QC within limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature

CHAIN OF CUSTODY RECORD

Synergy

Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

WAF Chain # № 2907

Page 1 of 1

Sample Handling Request
____ Rush Analysis Date Required ____
(Rushes accepted only with prior authorization)
_x_ Normal Turn Around

Lab I.D. #

Account No. : **Quote No.:**

Project #: 6140

Sampler: (signature)

Project (Name / Location): OHM Wauwatosa / Wauwatosa WI

Reports To: W. Fassbender / K. Heimstead	Invoice To:
Company EnviroForensics	Company
Address N16 W23390 Stone Ridge Dr.	Address
City State Zip Waukesha WI 53188	City State Zip
Phone 317-972-7670	Phone
FAX	FAX

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
502980411	6140-MW-1	10-1	1325		x	N	3	GW	HCl
B	6140-MW-2	10-1	1420		x	N	3	GW	HCl
C	6140-MW-3	10-1	1235		x	N	3	GW	HCl
D	6140-MW-4	10-1	1145		x	N	3	GW	HCl
E	6140-Dup-1	10-1	–		x	N	3	GW	HCl
F	6140-EB-1	10-1	1430		x	N	3	GW	HCl
G	TRIP BLANK						1		

Analysis Requested

DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260) Dry Cleaner List	8-RCRA METALS
												x	
												x	
												x	
												x	
												x	
												x	
												x	
												x	

Other Analysis

PID/FID

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

PO# 2015902

Sample Integrity - To be completed by receiving lab.

Method of Shipment:

Temp. of Temp. Blank ___ °C On Ice: X

Cooler seal intact upon receipt: x Yes ___ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	14:03	10-2-15		14:05	10/2/15

Received in Laboratory By: Time: 10/3/15 Date: 10:00

Air Toxics LTD.
Laboratory Services Since 1989

12/13/2010
Mr. Keith Gaskill
EnviroForensics, Inc.
602 North Capital Avenue
Suite 210
Indianapolis IN 46204

Project Name: One Hour Martinizing
Project #: 6140
Workorder #: 1011660

Dear Mr. Keith Gaskill

The following report includes the data for the above referenced project for sample(s) received on 11/30/2010 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Ausha Scott at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Ausha Scott

Project Manager

Air Toxics LTD.
Laboratory Services Since 1989

WORK ORDER #: 1011660

Work Order Summary

CLIENT:	Mr. Keith Gaskill EnviroForensics, Inc. 602 North Capital Avenue Suite 210 Indianapolis, IN 46204	**BILL TO:**	Ms. Accounts Payable EnviroForensics, Inc. 602 North Capital Avenue Suite 210 Indianapolis, IN 46204
PHONE:	317-972-7870	**P.O. #**	2010224
FAX:		**PROJECT #**	6140 One Hour Martinizing
DATE RECEIVED:	11/30/2010	**CONTACT:**	Ausha Scott
DATE COMPLETED:	12/13/2010		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	6140-SG-1	Modified TO-15	1.5 "Hg	15 psi
02A	6140-SG-2	Modified TO-15	0.0 "Hg	15 psi
03A	6140-SG-3	Modified TO-15	0.0 "Hg	15 psi
04A	6140-SG-4	Modified TO-15	1.0 "Hg	15 psi
05A	Lab Blank	Modified TO-15	NA	NA
06A	CCV	Modified TO-15	NA	NA
07A	LCS	Modified TO-15	NA	NA
07AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Linda D. Frumarn DATE: 12/13/10

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763,
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/09, Expiration date: 06/30/11
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
EnviroForensics, Inc.
Workorder# 1011660

Four 1 Liter Summa Canister (100% Certified) samples were received on November 30, 2010. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The reported result for 4-Ethyltoluene in samples 6140-SG-1, 6140-SG-2, 6140-SG-3 and 6140-SG-4 may be biased high due to co-elution with a non target compound with similar characteristic ions. Both the primary and secondary ion for 4-Ethyltoluene exhibited potential interference.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

Air Toxics LTD.
Laboratory Services Since 1989

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: 6140-SG-1

Lab ID#: 1011660-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Ethanol	4.3	8.8	8.0	17
Freon 113	1.1	5.0	8.2	38
Acetone	4.3	64	10	150
Carbon Disulfide	1.1	1.3	3.3	4.0
2-Butanone (Methyl Ethyl Ketone)	1.1	8.4	3.1	25
Heptane	1.1	2.3	4.4	9.4
Toluene	1.1	140	4.0	520
Tetrachloroethene	1.1	57	7.2	390
Ethyl Benzene	1.1	17	4.6	75
m,p-Xylene	1.1	60	4.6	260
o-Xylene	1.1	12	4.6	54
4-Ethyltoluene	1.1	2.3	5.2	11
1,2,4-Trimethylbenzene	1.1	1.8	5.2	9.0

Client Sample ID: 6140-SG-2

Lab ID#: 1011660-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	4.0	16	9.6	37
2-Butanone (Methyl Ethyl Ketone)	1.0	1.0	3.0	3.1
Heptane	1.0	2.1	4.1	8.8
Toluene	1.0	250	3.8	940
Tetrachloroethene	1.0	24	6.8	160
Ethyl Benzene	1.0	26	4.4	110
m,p-Xylene	1.0	82	4.4	360
o-Xylene	1.0	17	4.4	73
4-Ethyltoluene	1.0	2.3	5.0	12
1,2,4-Trimethylbenzene	1.0	1.8	5.0	9.0

Client Sample ID: 6140-SG-3

Lab ID#: 1011660-03A

Air Toxics LTD.
Laboratory Services Since 1989

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: 6140-SG-3

Lab ID#: 1011660-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Ethanol	4.0	11	7.6	20
Acetone	4.0	24	9.6	58
Hexane	1.0	2.1	3.6	7.4
2-Butanone (Methyl Ethyl Ketone)	1.0	2.9	3.0	8.4
Cyclohexane	1.0	1.7	3.5	5.8
Benzene	1.0	1.3	3.2	4.1
Heptane	1.0	2.3	4.1	9.3
Toluene	1.0	98	3.8	370
Tetrachloroethene	1.0	26	6.8	180
Ethyl Benzene	1.0	12	4.4	50
m,p-Xylene	1.0	38	4.4	170
o-Xylene	1.0	8.2	4.4	36
4-Ethyltoluene	1.0	1.6	5.0	7.6
1,2,4-Trimethylbenzene	1.0	1.2	5.0	6.1

Client Sample ID: 6140-SG-4

Lab ID#: 1011660-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Chloroethane	1.0	3.8	2.8	9.9
Acetone	4.2	7.3	9.9	17
Hexane	1.0	1.0	3.7	3.7
2-Butanone (Methyl Ethyl Ketone)	1.0	1.4	3.1	4.2
Benzene	1.0	1.4	3.3	4.4
Heptane	1.0	1.6	4.3	6.4
Toluene	1.0	70	3.9	260
Tetrachloroethene	1.0	220	7.1	1500
Ethyl Benzene	1.0	12	4.5	54
m,p-Xylene	1.0	47	4.5	200
o-Xylene	1.0	9.6	4.5	42
4-Ethyltoluene	1.0	2.2	5.1	11

Air Toxics LTD.
Laboratory Services Since 1989

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: 6140-SG-4

Lab ID#: 1011660-04A

1,2,4-Trimethylbenzene	1.0	2.0	5.1	10

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: 6140-SG-1

Lab ID#: 1011660-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p120222**	**Date of Collection:**	**11/19/10 9:45:00 AM**
Dil. Factor:	**2.13**	**Date of Analysis:**	**12/2/10 10:48 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.1	Not Detected	5.3	Not Detected
Freon 114	1.1	Not Detected	7.4	Not Detected
Chloromethane	4.3	Not Detected	8.8	Not Detected
Vinyl Chloride	1.1	Not Detected	2.7	Not Detected
1,3-Butadiene	1.1	Not Detected	2.4	Not Detected
Bromomethane	1.1	Not Detected	4.1	Not Detected
Chloroethane	1.1	Not Detected	2.8	Not Detected
Freon 11	1.1	Not Detected	6.0	Not Detected
Ethanol	4.3	8.8	8.0	17
Freon 113	1.1	5.0	8.2	38
1,1-Dichloroethene	1.1	Not Detected	4.2	Not Detected
Acetone	4.3	64	10	150
2-Propanol	4.3	Not Detected	10	Not Detected
Carbon Disulfide	1.1	1.3	3.3	4.0
3-Chloropropene	4.3	Not Detected	13	Not Detected
Methylene Chloride	1.1	Not Detected	3.7	Not Detected
Methyl tert-butyl ether	1.1	Not Detected	3.8	Not Detected
trans-1,2-Dichloroethene	1.1	Not Detected	4.2	Not Detected
Hexane	1.1	Not Detected	3.8	Not Detected
1,1-Dichloroethane	1.1	Not Detected	4.3	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.1	8.4	3.1	25
cis-1,2-Dichloroethene	1.1	Not Detected	4.2	Not Detected
Tetrahydrofuran	1.1	Not Detected	3.1	Not Detected
Chloroform	1.1	Not Detected	5.2	Not Detected
1,1,1-Trichloroethane	1.1	Not Detected	5.8	Not Detected
Cyclohexane	1.1	Not Detected	3.7	Not Detected
Carbon Tetrachloride	1.1	Not Detected	6.7	Not Detected
2,2,4-Trimethylpentane	1.1	Not Detected	5.0	Not Detected
Benzene	1.1	Not Detected	3.4	Not Detected
1,2-Dichloroethane	1.1	Not Detected	4.3	Not Detected
Heptane	1.1	2.3	4.4	9.4
Trichloroethene	1.1	Not Detected	5.7	Not Detected
1,2-Dichloropropane	1.1	Not Detected	4.9	Not Detected
1,4-Dioxane	4.3	Not Detected	15	Not Detected
Bromodichloromethane	1.1	Not Detected	7.1	Not Detected
cis-1,3-Dichloropropene	1.1	Not Detected	4.8	Not Detected
4-Methyl-2-pentanone	1.1	Not Detected	4.4	Not Detected
Toluene	1.1	140	4.0	520
trans-1,3-Dichloropropene	1.1	Not Detected	4.8	Not Detected
1,1,2-Trichloroethane	1.1	Not Detected	5.8	Not Detected
Tetrachloroethene	1.1	57	7.2	390

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: 6140-SG-1

Lab ID#: 1011660-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p120222**	**Date of Collection: 11/19/10 9:45:00 AM**	
Dil. Factor:	**2.13**	**Date of Analysis: 12/2/10 10:48 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
2-Hexanone	4.3	Not Detected	17	Not Detected
Dibromochloromethane	1.1	Not Detected	9.1	Not Detected
1,2-Dibromoethane (EDB)	1.1	Not Detected	8.2	Not Detected
Chlorobenzene	1.1	Not Detected	4.9	Not Detected
Ethyl Benzene	1.1	17	4.6	75
m,p-Xylene	1.1	60	4.6	260
o-Xylene	1.1	12	4.6	54
Styrene	1.1	Not Detected	4.5	Not Detected
Bromoform	1.1	Not Detected	11	Not Detected
Cumene	1.1	Not Detected	5.2	Not Detected
1,1,2,2-Tetrachloroethane	1.1	Not Detected	7.3	Not Detected
Propylbenzene	1.1	Not Detected	5.2	Not Detected
4-Ethyltoluene	1.1	2.3	5.2	11
1,3,5-Trimethylbenzene	1.1	Not Detected	5.2	Not Detected
1,2,4-Trimethylbenzene	1.1	1.8	5.2	9.0
1,3-Dichlorobenzene	1.1	Not Detected	6.4	Not Detected
1,4-Dichlorobenzene	1.1	Not Detected	6.4	Not Detected
alpha-Chlorotoluene	1.1	Not Detected	5.5	Not Detected
1,2-Dichlorobenzene	1.1	Not Detected	6.4	Not Detected
1,2,4-Trichlorobenzene	4.3	Not Detected	32	Not Detected
Hexachlorobutadiene	4.3	Not Detected	45	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	95	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: 6140-SG-2

Lab ID#: 1011660-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p120223**	**Date of Collection:**	**11/19/10 9:00:00 AM**
Dil. Factor:	**2.02**	**Date of Analysis:**	**12/2/10 11:16 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.0	Not Detected	5.0	Not Detected
Freon 114	1.0	Not Detected	7.1	Not Detected
Chloromethane	4.0	Not Detected	8.3	Not Detected
Vinyl Chloride	1.0	Not Detected	2.6	Not Detected
1,3-Butadiene	1.0	Not Detected	2.2	Not Detected
Bromomethane	1.0	Not Detected	3.9	Not Detected
Chloroethane	1.0	Not Detected	2.7	Not Detected
Freon 11	1.0	Not Detected	5.7	Not Detected
Ethanol	4.0	Not Detected	7.6	Not Detected
Freon 113	1.0	Not Detected	7.7	Not Detected
1,1-Dichloroethene	1.0	Not Detected	4.0	Not Detected
Acetone	4.0	16	9.6	37
2-Propanol	4.0	Not Detected	9.9	Not Detected
Carbon Disulfide	1.0	Not Detected	3.1	Not Detected
3-Chloropropene	4.0	Not Detected	13	Not Detected
Methylene Chloride	1.0	Not Detected	3.5	Not Detected
Methyl tert-butyl ether	1.0	Not Detected	3.6	Not Detected
trans-1,2-Dichloroethene	1.0	Not Detected	4.0	Not Detected
Hexane	1.0	Not Detected	3.6	Not Detected
1,1-Dichloroethane	1.0	Not Detected	4.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.0	1.0	3.0	3.1
cis-1,2-Dichloroethene	1.0	Not Detected	4.0	Not Detected
Tetrahydrofuran	1.0	Not Detected	3.0	Not Detected
Chloroform	1.0	Not Detected	4.9	Not Detected
1,1,1-Trichloroethane	1.0	Not Detected	5.5	Not Detected
Cyclohexane	1.0	Not Detected	3.5	Not Detected
Carbon Tetrachloride	1.0	Not Detected	6.4	Not Detected
2,2,4-Trimethylpentane	1.0	Not Detected	4.7	Not Detected
Benzene	1.0	Not Detected	3.2	Not Detected
1,2-Dichloroethane	1.0	Not Detected	4.1	Not Detected
Heptane	1.0	2.1	4.1	8.8
Trichloroethene	1.0	Not Detected	5.4	Not Detected
1,2-Dichloropropane	1.0	Not Detected	4.7	Not Detected
1,4-Dioxane	4.0	Not Detected	14	Not Detected
Bromodichloromethane	1.0	Not Detected	6.8	Not Detected
cis-1,3-Dichloropropene	1.0	Not Detected	4.6	Not Detected
4-Methyl-2-pentanone	1.0	Not Detected	4.1	Not Detected
Toluene	1.0	250	3.8	940
trans-1,3-Dichloropropene	1.0	Not Detected	4.6	Not Detected
1,1,2-Trichloroethane	1.0	Not Detected	5.5	Not Detected
Tetrachloroethene	1.0	24	6.8	160

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: 6140-SG-2

Lab ID#: 1011660-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p120223**	**Date of Collection: 11/19/10 9:00:00 AM**	
Dil. Factor:	**2.02**	**Date of Analysis: 12/2/10 11:16 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
2-Hexanone	4.0	Not Detected	16	Not Detected
Dibromochloromethane	1.0	Not Detected	8.6	Not Detected
1,2-Dibromoethane (EDB)	1.0	Not Detected	7.8	Not Detected
Chlorobenzene	1.0	Not Detected	4.6	Not Detected
Ethyl Benzene	1.0	26	4.4	110
m,p-Xylene	1.0	82	4.4	360
o-Xylene	1.0	17	4.4	73
Styrene	1.0	Not Detected	4.3	Not Detected
Bromoform	1.0	Not Detected	10	Not Detected
Cumene	1.0	Not Detected	5.0	Not Detected
1,1,2,2-Tetrachloroethane	1.0	Not Detected	6.9	Not Detected
Propylbenzene	1.0	Not Detected	5.0	Not Detected
4-Ethyltoluene	1.0	2.3	5.0	12
1,3,5-Trimethylbenzene	1.0	Not Detected	5.0	Not Detected
1,2,4-Trimethylbenzene	1.0	1.8	5.0	9.0
1,3-Dichlorobenzene	1.0	Not Detected	6.1	Not Detected
1,4-Dichlorobenzene	1.0	Not Detected	6.1	Not Detected
alpha-Chlorotoluene	1.0	Not Detected	5.2	Not Detected
1,2-Dichlorobenzene	1.0	Not Detected	6.1	Not Detected
1,2,4-Trichlorobenzene	4.0	Not Detected	30	Not Detected
Hexachlorobutadiene	4.0	Not Detected	43	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	95	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: 6140-SG-3

Lab ID#: 1011660-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p120224**	**Date of Collection:**	**11/19/10 7:30:00 AM**
Dil. Factor:	**2.02**	**Date of Analysis:**	**12/2/10 11:33 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.0	Not Detected	5.0	Not Detected
Freon 114	1.0	Not Detected	7.1	Not Detected
Chloromethane	4.0	Not Detected	8.3	Not Detected
Vinyl Chloride	1.0	Not Detected	2.6	Not Detected
1,3-Butadiene	1.0	Not Detected	2.2	Not Detected
Bromomethane	1.0	Not Detected	3.9	Not Detected
Chloroethane	1.0	Not Detected	2.7	Not Detected
Freon 11	1.0	Not Detected	5.7	Not Detected
Ethanol	4.0	11	7.6	20
Freon 113	1.0	Not Detected	7.7	Not Detected
1,1-Dichloroethene	1.0	Not Detected	4.0	Not Detected
Acetone	4.0	24	9.6	58
2-Propanol	4.0	Not Detected	9.9	Not Detected
Carbon Disulfide	1.0	Not Detected	3.1	Not Detected
3-Chloropropene	4.0	Not Detected	13	Not Detected
Methylene Chloride	1.0	Not Detected	3.5	Not Detected
Methyl tert-butyl ether	1.0	Not Detected	3.6	Not Detected
trans-1,2-Dichloroethene	1.0	Not Detected	4.0	Not Detected
Hexane	1.0	2.1	3.6	7.4
1,1-Dichloroethane	1.0	Not Detected	4.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.0	2.9	3.0	8.4
cis-1,2-Dichloroethene	1.0	Not Detected	4.0	Not Detected
Tetrahydrofuran	1.0	Not Detected	3.0	Not Detected
Chloroform	1.0	Not Detected	4.9	Not Detected
1,1,1-Trichloroethane	1.0	Not Detected	5.5	Not Detected
Cyclohexane	1.0	1.7	3.5	5.8
Carbon Tetrachloride	1.0	Not Detected	6.4	Not Detected
2,2,4-Trimethylpentane	1.0	Not Detected	4.7	Not Detected
Benzene	1.0	1.3	3.2	4.1
1,2-Dichloroethane	1.0	Not Detected	4.1	Not Detected
Heptane	1.0	2.3	4.1	9.3
Trichloroethene	1.0	Not Detected	5.4	Not Detected
1,2-Dichloropropane	1.0	Not Detected	4.7	Not Detected
1,4-Dioxane	4.0	Not Detected	14	Not Detected
Bromodichloromethane	1.0	Not Detected	6.8	Not Detected
cis-1,3-Dichloropropene	1.0	Not Detected	4.6	Not Detected
4-Methyl-2-pentanone	1.0	Not Detected	4.1	Not Detected
Toluene	1.0	98	3.8	370
trans-1,3-Dichloropropene	1.0	Not Detected	4.6	Not Detected
1,1,2-Trichloroethane	1.0	Not Detected	5.5	Not Detected
Tetrachloroethene	1.0	26	6.8	180

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: 6140-SG-3

Lab ID#: 1011660-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p120224**	**Date of Collection: 11/19/10 7:30:00 AM**	
Dil. Factor:	**2.02**	**Date of Analysis: 12/2/10 11:33 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
2-Hexanone	4.0	Not Detected	16	Not Detected
Dibromochloromethane	1.0	Not Detected	8.6	Not Detected
1,2-Dibromoethane (EDB)	1.0	Not Detected	7.8	Not Detected
Chlorobenzene	1.0	Not Detected	4.6	Not Detected
Ethyl Benzene	1.0	12	4.4	50
m,p-Xylene	1.0	38	4.4	170
o-Xylene	1.0	8.2	4.4	36
Styrene	1.0	Not Detected	4.3	Not Detected
Bromoform	1.0	Not Detected	10	Not Detected
Cumene	1.0	Not Detected	5.0	Not Detected
1,1,2,2-Tetrachloroethane	1.0	Not Detected	6.9	Not Detected
Propylbenzene	1.0	Not Detected	5.0	Not Detected
4-Ethyltoluene	1.0	1.6	5.0	7.6
1,3,5-Trimethylbenzene	1.0	Not Detected	5.0	Not Detected
1,2,4-Trimethylbenzene	1.0	1.2	5.0	6.1
1,3-Dichlorobenzene	1.0	Not Detected	6.1	Not Detected
1,4-Dichlorobenzene	1.0	Not Detected	6.1	Not Detected
alpha-Chlorotoluene	1.0	Not Detected	5.2	Not Detected
1,2-Dichlorobenzene	1.0	Not Detected	6.1	Not Detected
1,2,4-Trichlorobenzene	4.0	Not Detected	30	Not Detected
Hexachlorobutadiene	4.0	Not Detected	43	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	95	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: 6140-SG-4

Lab ID#: 1011660-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p120225**	**Date of Collection: 11/19/10 7:52:00 AM**	
Dil. Factor:	**2.09**	**Date of Analysis: 12/2/10 11:50 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.0	Not Detected	5.2	Not Detected
Freon 114	1.0	Not Detected	7.3	Not Detected
Chloromethane	4.2	Not Detected	8.6	Not Detected
Vinyl Chloride	1.0	Not Detected	2.7	Not Detected
1,3-Butadiene	1.0	Not Detected	2.3	Not Detected
Bromomethane	1.0	Not Detected	4.0	Not Detected
Chloroethane	1.0	3.8	2.8	9.9
Freon 11	1.0	Not Detected	5.9	Not Detected
Ethanol	4.2	Not Detected	7.9	Not Detected
Freon 113	1.0	Not Detected	8.0	Not Detected
1,1-Dichloroethene	1.0	Not Detected	4.1	Not Detected
Acetone	4.2	7.3	9.9	17
2-Propanol	4.2	Not Detected	10	Not Detected
Carbon Disulfide	1.0	Not Detected	3.2	Not Detected
3-Chloropropene	4.2	Not Detected	13	Not Detected
Methylene Chloride	1.0	Not Detected	3.6	Not Detected
Methyl tert-butyl ether	1.0	Not Detected	3.8	Not Detected
trans-1,2-Dichloroethene	1.0	Not Detected	4.1	Not Detected
Hexane	1.0	1.0	3.7	3.7
1,1-Dichloroethane	1.0	Not Detected	4.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.0	1.4	3.1	4.2
cis-1,2-Dichloroethene	1.0	Not Detected	4.1	Not Detected
Tetrahydrofuran	1.0	Not Detected	3.1	Not Detected
Chloroform	1.0	Not Detected	5.1	Not Detected
1,1,1-Trichloroethane	1.0	Not Detected	5.7	Not Detected
Cyclohexane	1.0	Not Detected	3.6	Not Detected
Carbon Tetrachloride	1.0	Not Detected	6.6	Not Detected
2,2,4-Trimethylpentane	1.0	Not Detected	4.9	Not Detected
Benzene	1.0	1.4	3.3	4.4
1,2-Dichloroethane	1.0	Not Detected	4.2	Not Detected
Heptane	1.0	1.6	4.3	6.4
Trichloroethene	1.0	Not Detected	5.6	Not Detected
1,2-Dichloropropane	1.0	Not Detected	4.8	Not Detected
1,4-Dioxane	4.2	Not Detected	15	Not Detected
Bromodichloromethane	1.0	Not Detected	7.0	Not Detected
cis-1,3-Dichloropropene	1.0	Not Detected	4.7	Not Detected
4-Methyl-2-pentanone	1.0	Not Detected	4.3	Not Detected
Toluene	1.0	70	3.9	260
trans-1,3-Dichloropropene	1.0	Not Detected	4.7	Not Detected
1,1,2-Trichloroethane	1.0	Not Detected	5.7	Not Detected
Tetrachloroethene	1.0	220	7.1	1500

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: 6140-SG-4

Lab ID#: 1011660-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p120225**	**Date of Collection: 11/19/10 7:52:00 AM**	
Dil. Factor:	**2.09**	**Date of Analysis: 12/2/10 11:50 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
2-Hexanone	4.2	Not Detected	17	Not Detected
Dibromochloromethane	1.0	Not Detected	8.9	Not Detected
1,2-Dibromoethane (EDB)	1.0	Not Detected	8.0	Not Detected
Chlorobenzene	1.0	Not Detected	4.8	Not Detected
Ethyl Benzene	1.0	12	4.5	54
m,p-Xylene	1.0	47	4.5	200
o-Xylene	1.0	9.6	4.5	42
Styrene	1.0	Not Detected	4.4	Not Detected
Bromoform	1.0	Not Detected	11	Not Detected
Cumene	1.0	Not Detected	5.1	Not Detected
1,1,2,2-Tetrachloroethane	1.0	Not Detected	7.2	Not Detected
Propylbenzene	1.0	Not Detected	5.1	Not Detected
4-Ethyltoluene	1.0	2.2	5.1	11
1,3,5-Trimethylbenzene	1.0	Not Detected	5.1	Not Detected
1,2,4-Trimethylbenzene	1.0	2.0	5.1	10
1,3-Dichlorobenzene	1.0	Not Detected	6.3	Not Detected
1,4-Dichlorobenzene	1.0	Not Detected	6.3	Not Detected
alpha-Chlorotoluene	1.0	Not Detected	5.4	Not Detected
1,2-Dichlorobenzene	1.0	Not Detected	6.3	Not Detected
1,2,4-Trichlorobenzene	4.2	Not Detected	31	Not Detected
Hexachlorobutadiene	4.2	Not Detected	44	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	93	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1011660-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p120206**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/2/10 11:17 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1011660-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p120206**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/2/10 11:17 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	95	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1011660-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p120202**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/2/10 08:59 AM**	

Compound	%Recovery
Freon 12	97
Freon 114	102
Chloromethane	98
Vinyl Chloride	104
1,3-Butadiene	108
Bromomethane	104
Chloroethane	108
Freon 11	96
Ethanol	102
Freon 113	100
1,1-Dichloroethene	100
Acetone	105
2-Propanol	103
Carbon Disulfide	93
3-Chloropropene	100
Methylene Chloride	104
Methyl tert-butyl ether	97
trans-1,2-Dichloroethene	98
Hexane	100
1,1-Dichloroethane	101
2-Butanone (Methyl Ethyl Ketone)	113
cis-1,2-Dichloroethene	105
Tetrahydrofuran	104
Chloroform	101
1,1,1-Trichloroethane	99
Cyclohexane	107
Carbon Tetrachloride	96
2,2,4-Trimethylpentane	108
Benzene	109
1,2-Dichloroethane	101
Heptane	110
Trichloroethene	106
1,2-Dichloropropane	110
1,4-Dioxane	110
Bromodichloromethane	102
cis-1,3-Dichloropropene	108
4-Methyl-2-pentanone	108
Toluene	107
trans-1,3-Dichloropropene	108
1,1,2-Trichloroethane	111
Tetrachloroethene	108

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1011660-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p120202**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/2/10 08:59 AM**	

Compound	%Recovery
2-Hexanone	115
Dibromochloromethane	107
1,2-Dibromoethane (EDB)	109
Chlorobenzene	108
Ethyl Benzene	109
m,p-Xylene	108
o-Xylene	107
Styrene	107
Bromoform	104
Cumene	105
1,1,2,2-Tetrachloroethane	106
Propylbenzene	104
4-Ethyltoluene	105
1,3,5-Trimethylbenzene	103
1,2,4-Trimethylbenzene	100
1,3-Dichlorobenzene	96
1,4-Dichlorobenzene	96
alpha-Chlorotoluene	104
1,2-Dichlorobenzene	97
1,2,4-Trichlorobenzene	96
Hexachlorobutadiene	99

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	93	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1011660-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p120203**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/2/10 09:55 AM**	

Compound	%Recovery
Freon 12	97
Freon 114	100
Chloromethane	100
Vinyl Chloride	103
1,3-Butadiene	108
Bromomethane	98
Chloroethane	107
Freon 11	100
Ethanol	107
Freon 113	95
1,1-Dichloroethene	98
Acetone	104
2-Propanol	107
Carbon Disulfide	91
3-Chloropropene	103
Methylene Chloride	99
Methyl tert-butyl ether	94
trans-1,2-Dichloroethene	95
Hexane	96
1,1-Dichloroethane	94
2-Butanone (Methyl Ethyl Ketone)	112
cis-1,2-Dichloroethene	101
Tetrahydrofuran	100
Chloroform	97
1,1,1-Trichloroethane	96
Cyclohexane	103
Carbon Tetrachloride	94
2,2,4-Trimethylpentane	103
Benzene	108
1,2-Dichloroethane	98
Heptane	104
Trichloroethene	103
1,2-Dichloropropane	104
1,4-Dioxane	105
Bromodichloromethane	104
cis-1,3-Dichloropropene	105
4-Methyl-2-pentanone	105
Toluene	103
trans-1,3-Dichloropropene	104
1,1,2-Trichloroethane	106
Tetrachloroethene	98

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1011660-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p120203**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/2/10 09:55 AM**	

Compound	%Recovery
2-Hexanone	108
Dibromochloromethane	106
1,2-Dibromoethane (EDB)	104
Chlorobenzene	103
Ethyl Benzene	104
m,p-Xylene	103
o-Xylene	105
Styrene	106
Bromoform	104
Cumene	104
1,1,2,2-Tetrachloroethane	102
Propylbenzene	104
4-Ethyltoluene	100
1,3,5-Trimethylbenzene	99
1,2,4-Trimethylbenzene	99
1,3-Dichlorobenzene	96
1,4-Dichlorobenzene	92
alpha-Chlorotoluene	104
1,2-Dichlorobenzene	97
1,2,4-Trichlorobenzene	92
Hexachlorobutadiene	95

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	96	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCSD

Lab ID#: 1011660-07AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p120204**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/2/10 10:12 AM**	

Compound	%Recovery
Freon 12	97
Freon 114	100
Chloromethane	96
Vinyl Chloride	103
1,3-Butadiene	106
Bromomethane	100
Chloroethane	107
Freon 11	95
Ethanol	107
Freon 113	97
1,1-Dichloroethene	94
Acetone	102
2-Propanol	105
Carbon Disulfide	90
3-Chloropropene	104
Methylene Chloride	96
Methyl tert-butyl ether	95
trans-1,2-Dichloroethene	95
Hexane	96
1,1-Dichloroethane	95
2-Butanone (Methyl Ethyl Ketone)	112
cis-1,2-Dichloroethene	101
Tetrahydrofuran	100
Chloroform	98
1,1,1-Trichloroethane	96
Cyclohexane	103
Carbon Tetrachloride	95
2,2,4-Trimethylpentane	107
Benzene	104
1,2-Dichloroethane	94
Heptane	106
Trichloroethene	102
1,2-Dichloropropane	106
1,4-Dioxane	104
Bromodichloromethane	100
cis-1,3-Dichloropropene	104
4-Methyl-2-pentanone	103
Toluene	102
trans-1,3-Dichloropropene	104
1,1,2-Trichloroethane	107
Tetrachloroethene	100

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCSD

Lab ID#: 1011660-07AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p120204**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/2/10 10:12 AM**	

Compound	%Recovery
2-Hexanone	110
Dibromochloromethane	105
1,2-Dibromoethane (EDB)	105
Chlorobenzene	103
Ethyl Benzene	104
m,p-Xylene	101
o-Xylene	105
Styrene	105
Bromoform	103
Cumene	103
1,1,2,2-Tetrachloroethane	102
Propylbenzene	104
4-Ethyltoluene	101
1,3,5-Trimethylbenzene	102
1,2,4-Trimethylbenzene	99
1,3-Dichlorobenzene	95
1,4-Dichlorobenzene	92
alpha-Chlorotoluene	103
1,2-Dichlorobenzene	97
1,2,4-Trichlorobenzene	95
Hexachlorobutadiene	96

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	94	70-130

@Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: Keith Gaskill

Collected by: (Print and Sign) JORDAN GOFF

Company: ENVIROFORENSICS Email: jgoff@enviroforensics.com

Address: 602 N. Capitol Ave SE 210 City: Indpls State: IN Zip: 46204

Phone: 317-972-7370 Fax:

Project Info:
P.O. # 2010224
Project # 6140
Project Name: ONE HOUR MARTINIZING

Turn Around Time:
~~Normal~~
Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	6140-S6-1	937	11/19/10	0915	TO-15	-29	-2		
02A	6140-S6-2	9945	11/19/10	0900	TO-15	-29	-3		
03A	6140-S6-3	3732	11/19/10	0730	TO-15	-20	-3		
04A	6140-S6-4	2186	11/19/10	0752	TO-15	-27	-3		

Relinquished by: (signature) Date/Time: 11/23/1300
Received by: (signature) Date/Time: Brian Whitaker ATL 11/30/10 1300

Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:

Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:

Notes: Can # 2165 malfunctioned.
- Pressure read 0 upon initial.
- Not being analyzed
- Sampling port bent upon shipment arrival

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	UPS		N/A	Good	Yes No (None)	1011660

Form 1293 rev.11

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

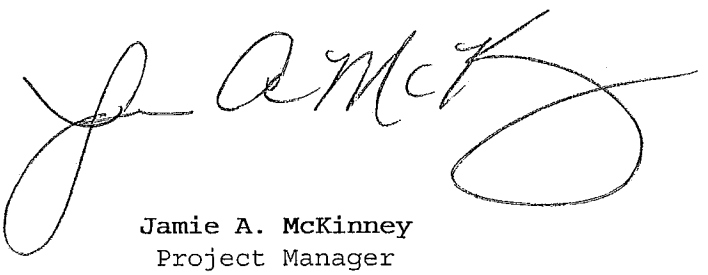
ONE HOUR MARTINIZING WAUWATOSA

Lot #: H2J300421

Wayne Fassbender

Environmental Forensic Investi
200 S. Executive Drive
Ste. 101
Brookfield, WI 53045

TESTAMERICA LABORATORIES, INC.



Jamie A. McKinney
Project Manager

November 5, 2012

ANALYTICAL METHODS SUMMARY

H2J300421

PARAMETER	ANALYTICAL METHOD
Volatile Organics by TO15	EPA-2 TO-15

References:

EPA-2 "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air", EPA-625/R-96/010b, January 1999.

SAMPLE SUMMARY

H2J300421

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
MW6KR	001	6140-OA	10/24/12	16:30
MW6KX	002	6140-IA-1	10/24/12	16:40
MW6K0	003	6140-IA-2	10/24/12	16:50
MW6K3	004	6140-IA-3	10/24/12	17:00
MW6K5	005	6140-SS-1	10/23/12	17:05
MW6K7	006	6140-SS-2	10/23/12	17:45

NOTE(S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

PROJECT NARRATIVE
H2J300421

The results reported herein are applicable to the samples submitted for analysis only. If you have any questions about this report, please call (865) 291-3000 to speak with the TestAmerica project manager listed on the cover page.

This report shall not be reproduced except in full, without the written approval of the laboratory.

The original chain of custody documentation is included with this report.

Sample Receipt

There were no problems with the condition of the samples received.

Quality Control and Data Interpretation

Unless otherwise noted, all holding times and QC criteria were met and the test results shown in this report meet all applicable NELAC requirements.

EPA methods TO-14A and TO-15 specify the use of humidified "zero air" as the blank reagent for canister cleaning, instrument calibration and sample analysis. Ultra-high purity humidified nitrogen from a cryogenic reservoir is used in place of "zero air" by TestAmerica Knoxville.

The EPA method requires that all target analytes in the continuing calibration verification standard be within 30% difference from the initial calibration. According to the laboratory standard operating procedure, the continuing calibration is acceptable if it meets the laboratory control sample acceptance criteria. Even though the calibration verification analyzed on 10/31/12 exhibited a % difference of > 30% for chloromethane, 1,2-dichlorotetrafluoroethane and trichlorofluoromethane, the results were within the LCS acceptance limits.

Can Certification Comments:

The EPA method requires that all target analytes in the continuing calibration verification standard be within 30% difference from the initial calibration. According to the laboratory standard operating procedure, the continuing calibration is acceptable if it meets the laboratory control sample acceptance criteria. Even though the calibration verifications analyzed on 9/27/12, 10/3/12 and 10/4/12 exhibited a % difference of > 30% for 1,2-dichlorotetrafluoroethane or 1,2,4-trichlorobenzene, the results were within the LCS acceptance limits.

CERTIFICATION SUMMARY

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Knoxville	ACLASS	DoD ELAP		ADE-1434
TestAmerica Knoxville	Arkansas	State Program	6	88-0688
TestAmerica Knoxville	California	State Program	9	2423
TestAmerica Knoxville	Colorado	State Program	8	N/A
TestAmerica Knoxville	Connecticut	State Program	1	PH-0223
TestAmerica Knoxville	Florida	NELAC	4	E87177
TestAmerica Knoxville	Georgia	State Program	4	906
TestAmerica Knoxville	Hawaii	State Program	9	N/A
TestAmerica Knoxville	Indiana	State Program	5	C-TN-02
TestAmerica Knoxville	Iowa	State Program	7	375
TestAmerica Knoxville	Kansas	NELAC	7	E-10349
TestAmerica Knoxville	Kentucky	State Program	4	90101
TestAmerica Knoxville	Louisiana	NELAC	6	LA110001
TestAmerica Knoxville	Louisiana	NELAC	6	83979
TestAmerica Knoxville	Maryland	State Program	3	277
TestAmerica Knoxville	Michigan	State Program	5	9933
TestAmerica Knoxville	Minnesota	NELAC	5	047-999-429
TestAmerica Knoxville	Nevada	State Program	9	TN00009
TestAmerica Knoxville	New Jersey	NELAC	2	TN001
TestAmerica Knoxville	New York	NELAC	2	10781
TestAmerica Knoxville	North Carolina	North Carolina DENR	4	64
TestAmerica Knoxville	North Carolina	North Carolina PHL	4	21705
TestAmerica Knoxville	Ohio	OVAP	5	CL0059
TestAmerica Knoxville	Oklahoma	State Program	6	9415
TestAmerica Knoxville	Pennsylvania	NELAC	3	68-00576
TestAmerica Knoxville	South Carolina	State Program	4	84001
TestAmerica Knoxville	Tennessee	State Program	4	2014
TestAmerica Knoxville	Texas	NELAC	6	T104704380-TX
TestAmerica Knoxville	USDA	USDA		P330-11-00035
TestAmerica Knoxville	Utah	NELAC	8	QUAN3
TestAmerica Knoxville	Virginia	State Program	3	165
TestAmerica Knoxville	Washington	State Program	10	C593
TestAmerica Knoxville	West Virginia	West Virginia DEP	3	345
TestAmerica Knoxville	West Virginia	West Virginia DHHR (DW)	3	9955C
TestAmerica Knoxville	Wisconsin	State Program	5	998044300

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Sample Data Summary

Environmental Forensic Investigation Inc

Client Sample ID: 6140-OA

GC/MS Volatiles

Lot-Sample # H2J300421 - 001 **Work Order #** MW6KR1AC **Matrix.....:** AIR

Date Sampled...: 10/24/2012 **Date Received..:** 10/30/2012
Prep Date.....: 10/31/2012 **Analysis Date...** 10/31/2012
Prep Batch #.....: 2305086
Dilution Factor.: 1 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Dichlorodifluoromethane	**0.43**	**0.20**	**2.1**	**0.99**
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.20	ND	1.4
Chloromethane	**0.69**	**0.50**	**1.4**	**1.0**
Vinyl chloride	ND	0.20	ND	0.51
Bromomethane	ND	0.20	ND	0.78
Chloroethane	ND	0.20	ND	0.53
Trichlorofluoromethane	**0.25**	**0.20**	**1.4**	**1.1**
1,1-Dichloroethene	ND	0.20	ND	0.79
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.20	ND	1.5
Methylene chloride	**0.81**	**0.50**	**2.8**	**1.7**
1,1-Dichloroethane	ND	0.20	ND	0.81
cis-1,2-Dichloroethene	ND	0.20	ND	0.79
Chloroform	ND	0.20	ND	0.98
1,1,1-Trichloroethane	ND	0.20	ND	1.1
Carbon tetrachloride	ND	0.20	ND	1.3
Benzene	ND	0.20	ND	0.64
1,2-Dichloroethane	ND	0.20	ND	0.81
Trichloroethene	ND	0.20	ND	1.1
1,2-Dichloropropane	ND	0.20	ND	0.92
cis-1,3-Dichloropropene	ND	0.20	ND	0.91
Toluene	**0.41**	**0.20**	**1.5**	**0.75**
trans-1,3-Dichloropropene	ND	0.20	ND	0.91
1,1,2-Trichloroethane	ND	0.20	ND	1.1
Tetrachloroethene	**0.26**	**0.20**	**1.8**	**1.4**
1,2-Dibromoethane (EDB)	ND	0.20	ND	1.5
Chlorobenzene	ND	0.20	ND	0.92
Ethylbenzene	ND	0.20	ND	0.87
m-Xylene & p-Xylene	**0.21**	**0.20**	**0.91**	**0.87**
o-Xylene	ND	0.20	ND	0.87
Styrene	ND	0.20	ND	0.85
1,1,2,2-Tetrachloroethane	ND	0.20	ND	1.4
1,3,5-Trimethylbenzene	ND	0.20	ND	0.98
1,2,4-Trimethylbenzene	ND	0.20	ND	0.98
1,3-Dichlorobenzene	ND	0.20	ND	1.2
1,4-Dichlorobenzene	ND	0.20	ND	1.2
1,2-Dichlorobenzene	ND	0.20	ND	1.2
Benzyl chloride	ND	0.40	ND	2.1

Environmental Forensic Investigation Inc

Client Sample ID: 6140-OA

GC/MS Volatiles

Lot-Sample # H2J300421 - 001 **Work Order #** MW6KR1AC **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
1,2,4-Trichlorobenzene	ND	1.0	ND	7.4
Hexachlorobutadiene	ND	1.0	ND	11

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	105	60 - 140

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Environmental Forensic Investigation Inc

Client Sample ID: 6140-IA-1

GC/MS Volatiles

Lot-Sample # H2J300421 - 002 **Work Order #** MW6KX1AC **Matrix.....:** AIR

Date Sampled...: 10/24/2012 **Date Received..:** 10/30/2012
Prep Date.....: 10/31/2012 **Analysis Date...** 10/31/2012
Prep Batch #.....: 2305086
Dilution Factor.: 1 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Dichlorodifluoromethane	**0.52**	**0.20**	**2.6**	**0.99**
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.20	ND	1.4
Chloromethane	**0.69**	**0.50**	**1.4**	**1.0**
Vinyl chloride	ND	0.20	ND	0.51
Bromomethane	ND	0.20	ND	0.78
Chloroethane	ND	0.20	ND	0.53
Trichlorofluoromethane	**0.27**	**0.20**	**1.5**	**1.1**
1,1-Dichloroethene	ND	0.20	ND	0.79
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.20	ND	1.5
Methylene chloride	**0.62**	**0.50**	**2.2**	**1.7**
1,1-Dichloroethane	ND	0.20	ND	0.81
cis-1,2-Dichloroethene	ND	0.20	ND	0.79
Chloroform	ND	0.20	ND	0.98
1,1,1-Trichloroethane	ND	0.20	ND	1.1
Carbon tetrachloride	ND	0.20	ND	1.3
Benzene	**0.30**	**0.20**	**0.97**	**0.64**
1,2-Dichloroethane	ND	0.20	ND	0.81
Trichloroethene	ND	0.20	ND	1.1
1,2-Dichloropropane	ND	0.20	ND	0.92
cis-1,3-Dichloropropene	ND	0.20	ND	0.91
Toluene	**1.4**	**0.20**	**5.2**	**0.75**
trans-1,3-Dichloropropene	ND	0.20	ND	0.91
1,1,2-Trichloroethane	ND	0.20	ND	1.1
Tetrachloroethene	ND	0.20	ND	1.4
1,2-Dibromoethane (EDB)	ND	0.20	ND	1.5
Chlorobenzene	ND	0.20	ND	0.92
Ethylbenzene	ND	0.20	ND	0.87
m-Xylene & p-Xylene	**0.50**	**0.20**	**2.2**	**0.87**
o-Xylene	ND	0.20	ND	0.87
Styrene	ND	0.20	ND	0.85
1,1,2,2-Tetrachloroethane	ND	0.20	ND	1.4
1,3,5-Trimethylbenzene	ND	0.20	ND	0.98
1,2,4-Trimethylbenzene	**0.26**	**0.20**	**1.3**	**0.98**
1,3-Dichlorobenzene	ND	0.20	ND	1.2
1,4-Dichlorobenzene	ND	0.20	ND	1.2
1,2-Dichlorobenzene	ND	0.20	ND	1.2
Benzyl chloride	ND	0.40	ND	2.1

Environmental Forensic Investigation Inc

Client Sample ID: 6140-IA-1

GC/MS Volatiles

Lot-Sample # H2J300421 - 002 **Work Order #** MW6KX1AC **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
1,2,4-Trichlorobenzene	ND	1.0	ND	7.4
Hexachlorobutadiene	ND	1.0	ND	11

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	103	60 - 140

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Environmental Forensic Investigation Inc

Client Sample ID: 6140-IA-2

GC/MS Volatiles

Lot-Sample # H2J300421 - 003 **Work Order #** MW6K01AC **Matrix.....:** AIR

Date Sampled...: 10/24/2012 **Date Received..:** 10/30/2012
Prep Date.....: 10/31/2012 **Analysis Date...** 10/31/2012
Prep Batch #.....: 2305086
Dilution Factor.: 1 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Dichlorodifluoromethane	**0.48**	**0.20**	**2.4**	**0.99**
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.20	ND	1.4
Chloromethane	**0.87**	**0.50**	**1.8**	**1.0**
Vinyl chloride	ND	0.20	ND	0.51
Bromomethane	ND	0.20	ND	0.78
Chloroethane	ND	0.20	ND	0.53
Trichlorofluoromethane	ND	0.20	ND	1.1
1,1-Dichloroethene	ND	0.20	ND	0.79
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.20	ND	1.5
Methylene chloride	ND	0.50	ND	1.7
1,1-Dichloroethane	ND	0.20	ND	0.81
cis-1,2-Dichloroethene	**0.32**	**0.20**	**1.3**	**0.79**
Chloroform	ND	0.20	ND	0.98
1,1,1-Trichloroethane	ND	0.20	ND	1.1
Carbon tetrachloride	ND	0.20	ND	1.3
Benzene	ND	0.20	ND	0.64
1,2-Dichloroethane	ND	0.20	ND	0.81
Trichloroethene	**0.39**	**0.20**	**2.1**	**1.1**
1,2-Dichloropropane	ND	0.20	ND	0.92
cis-1,3-Dichloropropene	ND	0.20	ND	0.91
Toluene	**0.24**	**0.20**	**0.92**	**0.75**
trans-1,3-Dichloropropene	ND	0.20	ND	0.91
1,1,2-Trichloroethane	ND	0.20	ND	1.1
Tetrachloroethene	ND	0.20	ND	1.4
1,2-Dibromoethane (EDB)	ND	0.20	ND	1.5
Chlorobenzene	ND	0.20	ND	0.92
Ethylbenzene	ND	0.20	ND	0.87
m-Xylene & p-Xylene	ND	0.20	ND	0.87
o-Xylene	ND	0.20	ND	0.87
Styrene	ND	0.20	ND	0.85
1,1,2,2-Tetrachloroethane	ND	0.20	ND	1.4
1,3,5-Trimethylbenzene	ND	0.20	ND	0.98
1,2,4-Trimethylbenzene	ND	0.20	ND	0.98
1,3-Dichlorobenzene	ND	0.20	ND	1.2
1,4-Dichlorobenzene	ND	0.20	ND	1.2
1,2-Dichlorobenzene	ND	0.20	ND	1.2
Benzyl chloride	ND	0.40	ND	2.1

Environmental Forensic Investigation Inc

Client Sample ID: 6140-IA-2

GC/MS Volatiles

Lot-Sample # H2J300421 - 003 **Work Order #** MW6K01AC **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
1,2,4-Trichlorobenzene	ND	1.0	ND	7.4
Hexachlorobutadiene	ND	1.0	ND	11

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	102	60 - 140

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Environmental Forensic Investigation Inc

Client Sample ID: 6140-IA-3

GC/MS Volatiles

Lot-Sample # H2J300421 - 004 **Work Order #** MW6K31AC **Matrix.....:** AIR

Date Sampled...: 10/24/2012 **Date Received..:** 10/30/2012
Prep Date.....: 10/31/2012 **Analysis Date...** 10/31/2012
Prep Batch #.....: 2305086
Dilution Factor.: 1 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Dichlorodifluoromethane	**0.41**	**0.20**	**2.0**	**0.99**
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.20	ND	1.4
Chloromethane	**0.57**	**0.50**	**1.2**	**1.0**
Vinyl chloride	ND	0.20	ND	0.51
Bromomethane	ND	0.20	ND	0.78
Chloroethane	ND	0.20	ND	0.53
Trichlorofluoromethane	**0.20**	**0.20**	**1.1**	**1.1**
1,1-Dichloroethene	ND	0.20	ND	0.79
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.20	ND	1.5
Methylene chloride	ND	0.50	ND	1.7
1,1-Dichloroethane	ND	0.20	ND	0.81
cis-1,2-Dichloroethene	ND	0.20	ND	0.79
Chloroform	ND	0.20	ND	0.98
1,1,1-Trichloroethane	ND	0.20	ND	1.1
Carbon tetrachloride	ND	0.20	ND	1.3
Benzene	**0.23**	**0.20**	**0.75**	**0.64**
1,2-Dichloroethane	ND	0.20	ND	0.81
Trichloroethene	ND	0.20	ND	1.1
1,2-Dichloropropane	ND	0.20	ND	0.92
cis-1,3-Dichloropropene	ND	0.20	ND	0.91
Toluene	**0.60**	**0.20**	**2.3**	**0.75**
trans-1,3-Dichloropropene	ND	0.20	ND	0.91
1,1,2-Trichloroethane	ND	0.20	ND	1.1
Tetrachloroethene	ND	0.20	ND	1.4
1,2-Dibromoethane (EDB)	ND	0.20	ND	1.5
Chlorobenzene	ND	0.20	ND	0.92
Ethylbenzene	ND	0.20	ND	0.87
m-Xylene & p-Xylene	**0.70**	**0.20**	**3.0**	**0.87**
o-Xylene	ND	0.20	ND	0.87
Styrene	ND	0.20	ND	0.85
1,1,2,2-Tetrachloroethane	ND	0.20	ND	1.4
1,3,5-Trimethylbenzene	ND	0.20	ND	0.98
1,2,4-Trimethylbenzene	ND	0.20	ND	0.98
1,3-Dichlorobenzene	ND	0.20	ND	1.2
1,4-Dichlorobenzene	ND	0.20	ND	1.2
1,2-Dichlorobenzene	ND	0.20	ND	1.2
Benzyl chloride	ND	0.40	ND	2.1

Environmental Forensic Investigation Inc

Client Sample ID: 6140-IA-3

GC/MS Volatiles

Lot-Sample # H2J300421 - 004 **Work Order #** MW6K31AC **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
1,2,4-Trichlorobenzene	ND	1.0	ND	7.4
Hexachlorobutadiene	ND	1.0	ND	11

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	102	60 - 140

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Environmental Forensic Investigation Inc

Client Sample ID: 6140-SS-1

GC/MS Volatiles

Lot-Sample # H2J300421 - 005 **Work Order #** MW6K51AC **Matrix.....:** AIR

Date Sampled...: 10/23/2012 **Date Received..:** 10/30/2012
Prep Date.....: 10/31/2012 **Analysis Date...** 10/31/2012
Prep Batch #.....: 2305086
Dilution Factor.: 10 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Dichlorodifluoromethane	ND	2.0	ND	9.9
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ND	14
Chloromethane	ND	5.0	ND	10
Vinyl chloride	ND	2.0	ND	5.1
Bromomethane	ND	2.0	ND	7.8
Chloroethane	ND	2.0	ND	5.3
Trichlorofluoromethane	ND	2.0	ND	11
1,1-Dichloroethene	ND	2.0	ND	7.9
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ND	15
Methylene chloride	**5.1**	**5.0**	**18**	**17**
1,1-Dichloroethane	ND	2.0	ND	8.1
cis-1,2-Dichloroethene	ND	2.0	ND	7.9
Chloroform	ND	2.0	ND	9.8
1,1,1-Trichloroethane	ND	2.0	ND	11
Carbon tetrachloride	ND	2.0	ND	13
Benzene	ND	2.0	ND	6.4
1,2-Dichloroethane	ND	2.0	ND	8.1
Trichloroethene	ND	2.0	ND	11
1,2-Dichloropropane	ND	2.0	ND	9.2
cis-1,3-Dichloropropene	ND	2.0	ND	9.1
Toluene	ND	2.0	ND	7.5
trans-1,3-Dichloropropene	ND	2.0	ND	9.1
1,1,2-Trichloroethane	ND	2.0	ND	11
Tetrachloroethene	**30**	**2.0**	**210**	**14**
1,2-Dibromoethane (EDB)	ND	2.0	ND	15
Chlorobenzene	ND	2.0	ND	9.2
Ethylbenzene	ND	2.0	ND	8.7
m-Xylene & p-Xylene	ND	2.0	ND	8.7
o-Xylene	ND	2.0	ND	8.7
Styrene	ND	2.0	ND	8.5
1,1,2,2-Tetrachloroethane	ND	2.0	ND	14
1,3,5-Trimethylbenzene	ND	2.0	ND	9.8
1,2,4-Trimethylbenzene	ND	2.0	ND	9.8
1,3-Dichlorobenzene	ND	2.0	ND	12
1,4-Dichlorobenzene	ND	2.0	ND	12
1,2-Dichlorobenzene	ND	2.0	ND	12
Benzyl chloride	ND	4.0	ND	21

Environmental Forensic Investigation Inc

Client Sample ID: 6140-SS-1

GC/MS Volatiles

Lot-Sample # H2J300421 - 005 **Work Order #** MW6K51AC **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
1,2,4-Trichlorobenzene	ND	10	ND	74
Hexachlorobutadiene	ND	10	ND	110

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	89	60 - 140

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Environmental Forensic Investigation Inc

Client Sample ID: 6140-SS-2

GC/MS Volatiles

Lot-Sample # H2J300421 - 006 **Work Order #** MW6K71AC **Matrix.....:** AIR

Date Sampled...: 10/23/2012 **Date Received..:** 10/30/2012
Prep Date.....: 10/31/2012 **Analysis Date...** 10/31/2012
Prep Batch #.....: 2305086
Dilution Factor.: 10 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Dichlorodifluoromethane	ND	2.0	ND	9.9
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ND	14
Chloromethane	ND	5.0	ND	10
Vinyl chloride	ND	2.0	ND	5.1
Bromomethane	ND	2.0	ND	7.8
Chloroethane	ND	2.0	ND	5.3
Trichlorofluoromethane	ND	2.0	ND	11
1,1-Dichloroethene	ND	2.0	ND	7.9
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ND	15
Methylene chloride	ND	5.0	ND	17
1,1-Dichloroethane	ND	2.0	ND	8.1
cis-1,2-Dichloroethene	ND	2.0	ND	7.9
Chloroform	ND	2.0	ND	9.8
1,1,1-Trichloroethane	ND	2.0	ND	11
Carbon tetrachloride	ND	2.0	ND	13
Benzene	**7.6**	**2.0**	**24**	**6.4**
1,2-Dichloroethane	ND	2.0	ND	8.1
Trichloroethene	ND	2.0	ND	11
1,2-Dichloropropane	ND	2.0	ND	9.2
cis-1,3-Dichloropropene	ND	2.0	ND	9.1
Toluene	**9.6**	**2.0**	**36**	**7.5**
trans-1,3-Dichloropropene	ND	2.0	ND	9.1
1,1,2-Trichloroethane	ND	2.0	ND	11
Tetrachloroethene	**56**	**2.0**	**380**	**14**
1,2-Dibromoethane (EDB)	ND	2.0	ND	15
Chlorobenzene	ND	2.0	ND	9.2
Ethylbenzene	ND	2.0	ND	8.7
m-Xylene & p-Xylene	**2.3**	**2.0**	**10**	**8.7**
o-Xylene	ND	2.0	ND	8.7
Styrene	ND	2.0	ND	8.5
1,1,2,2-Tetrachloroethane	ND	2.0	ND	14
1,3,5-Trimethylbenzene	ND	2.0	ND	9.8
1,2,4-Trimethylbenzene	ND	2.0	ND	9.8
1,3-Dichlorobenzene	ND	2.0	ND	12
1,4-Dichlorobenzene	ND	2.0	ND	12
1,2-Dichlorobenzene	ND	2.0	ND	12
Benzyl chloride	ND	4.0	ND	21

Environmental Forensic Investigation Inc

Client Sample ID: 6140-SS-2

GC/MS Volatiles

Lot-Sample # H2J300421 - 006 **Work Order #** MW6K71AC **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
1,2,4-Trichlorobenzene	ND	10	ND	74
Hexachlorobutadiene	ND	10	ND	110

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	102	60 - 140

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Environmental Forensic Investigation Inc

Client Sample ID: INTRA-LAB BLANK

GC/MS Volatiles

Lot-Sample # H2J310000 - 086B **Work Order #** MW67T1AA **Matrix.....:** AIR

	10/24/2012	**Date Received..:**	10/30/2012
Prep Date.....:	10/31/2012	**Analysis Date...**	10/31/2012
Prep Batch #.....:	2305086		
Dilution Factor.:	1	**Method.....:**	TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Dichlorodifluoromethane	ND	0.20	ND	0.99
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.20	ND	1.4
Chloromethane	ND	0.50	ND	1.0
Vinyl chloride	ND	0.20	ND	0.51
Bromomethane	ND	0.20	ND	0.78
Chloroethane	ND	0.20	ND	0.53
Trichlorofluoromethane	ND	0.20	ND	1.1
1,1-Dichloroethene	ND	0.20	ND	0.79
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.20	ND	1.5
Methylene chloride	ND	0.50	ND	1.7
1,1-Dichloroethane	ND	0.20	ND	0.81
cis-1,2-Dichloroethene	ND	0.20	ND	0.79
Chloroform	ND	0.20	ND	0.98
1,1,1-Trichloroethane	ND	0.20	ND	1.1
Carbon tetrachloride	ND	0.20	ND	1.3
Benzene	ND	0.20	ND	0.64
1,2-Dichloroethane	ND	0.20	ND	0.81
Trichloroethene	ND	0.20	ND	1.1
1,2-Dichloropropane	ND	0.20	ND	0.92
cis-1,3-Dichloropropene	ND	0.20	ND	0.91
Toluene	ND	0.20	ND	0.75
trans-1,3-Dichloropropene	ND	0.20	ND	0.91
1,1,2-Trichloroethane	ND	0.20	ND	1.1
Tetrachloroethene	ND	0.20	ND	1.4
1,2-Dibromoethane (EDB)	ND	0.20	ND	1.5
Chlorobenzene	ND	0.20	ND	0.92
Ethylbenzene	ND	0.20	ND	0.87
m-Xylene & p-Xylene	ND	0.20	ND	0.87
o-Xylene	ND	0.20	ND	0.87
Styrene	ND	0.20	ND	0.85
1,1,2,2-Tetrachloroethane	ND	0.20	ND	1.4
1,3,5-Trimethylbenzene	ND	0.20	ND	0.98
1,2,4-Trimethylbenzene	ND	0.20	ND	0.98
1,3-Dichlorobenzene	ND	0.20	ND	1.2
1,4-Dichlorobenzene	ND	0.20	ND	1.2
1,2-Dichlorobenzene	ND	0.20	ND	1.2
Benzyl chloride	ND	0.40	ND	2.1

Environmental Forensic Investigation Inc

Client Sample ID: INTRA-LAB BLANK

GC/MS Volatiles

Lot-Sample # H2J310000 - 086B **Work Order #** MW67T1AA **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
1,2,4-Trichlorobenzene	ND	1.0	ND	7.4
Hexachlorobutadiene	ND	1.0	ND	11

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	100	60 - 140

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Environmental Forensic Investigation Inc

Client Sample ID: CHECK SAMPLE

GC/MS Volatiles

Lot-Sample # H2J310000 - 086C **Work Order #** MW67T1AC **Matrix.....:** AIR

	10/24/2012	**Date Received..:**	10/30/2012
Prep Date.....:	10/31/2012	**Analysis Date...**	10/31/2012
Prep Batch #.....:	2305086		
Dilution Factor.:	1	**Method.....:**	TO-15

PARAMETER	SPIKE AMOUNT (ppb(v/v))	MEASURED AMOUNT (ppb(v/v))	SPIKE AMOUNT (ug/m3)	MEASURED AMOUNT (ug/m3)	PERCENT RECOVERY	RECOVERY LIMITS
Dichlorodifluoromethane	5.00	6.44	25	31.9	129	60 - 140
1,2-Dichloro-1,1,2,2-tetrafluoroethane	5.00	6.73	35	47.0	135	60 - 140
Chloromethane	5.00	6.56	10	13.6	131	60 - 140
Vinyl chloride	5.00	6.23	13	15.9	125	70 - 130
Bromomethane	5.00	6.43	19	25.0	129	70 - 130
Chloroethane	5.00	5.99	13	15.8	120	70 - 130
Trichlorofluoromethane	5.00	6.58	28	37.0	132	60 - 140
1,1-Dichloroethene	5.00	6.19	20	24.6	124	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00	5.83	38	44.7	117	70 - 130
Methylene chloride	5.00	5.08	17	17.6	102	70 - 130
1,1-Dichloroethane	5.00	5.22	20	21.1	104	70 - 130
cis-1,2-Dichloroethene	5.00	5.34	20	21.2	107	70 - 130
Chloroform	5.00	5.39	24	26.3	108	70 - 130
1,1,1-Trichloroethane	5.00	5.68	27	31.0	114	70 - 130
Carbon tetrachloride	5.00	5.69	31	35.8	114	70 - 130
Benzene	5.00	5.07	16	16.2	101	70 - 130
1,2-Dichloroethane	5.00	5.53	20	22.4	111	70 - 130
Trichloroethene	5.00	5.34	27	28.7	107	70 - 130
1,2-Dichloropropane	5.00	5.00	23	23.1	100	70 - 130
cis-1,3-Dichloropropene	5.00	5.47	23	24.8	109	70 - 130
Toluene	5.00	4.81	19	18.1	96	70 - 130
trans-1,3-Dichloropropene	5.00	5.12	23	23.2	102	70 - 130
1,1,2-Trichloroethane	5.00	4.90	27	26.8	98	70 - 130
Tetrachloroethene	5.00	5.27	34	35.7	105	70 - 130
1,2-Dibromoethane (EDB)	5.00	5.11	38	39.2	102	70 - 130
Chlorobenzene	5.00	4.96	23	22.8	99	70 - 130
Ethylbenzene	5.00	4.78	22	20.8	96	70 - 130
m-Xylene & p-Xylene	10.0	9.69	43	42.1	97	70 - 130
o-Xylene	5.00	4.77	22	20.7	95	70 - 130
Styrene	5.00	4.98	21	21.2	100	70 - 130
1,1,2,2-Tetrachloroethane	5.00	4.78	34	32.8	96	70 - 130
1,3,5-Trimethylbenzene	5.00	4.69	25	23.1	94	70 - 130
1,2,4-Trimethylbenzene	5.00	4.95	25	24.4	99	70 - 130
1,3-Dichlorobenzene	5.00	4.75	30	28.6	95	70 - 130
1,4-Dichlorobenzene	5.00	4.73	30	28.5	95	70 - 130
1,2-Dichlorobenzene	5.00	4.73	30	28.4	95	70 - 130

Environmental Forensic Investigation Inc

Client Sample ID: CHECK SAMPLE

GC/MS Volatiles

Lot-Sample # H2J310000 - 086C **Work Order #** MW67T1AC **Matrix.....:** AIR

PARAMETER	SPIKE AMOUNT (ppb(v/v))	MEASURED AMOUNT (ppb(v/v))	SPIKE AMOUNT (ug/m3)	MEASURED AMOUNT (ug/m3)	PERCENT RECOVERY	RECOVERY LIMITS
Benzyl chloride	5.00	4.81	26	24.9	96	70 - 130
1,2,4-Trichlorobenzene	5.00	5.46	37	40.5	109	60 - 140
Hexachlorobutadiene	5.00	4.42	53	47.2	88	60 - 140

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	103	60 - 140

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Sample Receipt Documentation

H2J300421

TAL Knoxville
5815 Middlebrook Pike
Knoxville, TN 37921
phone 865-291-3000 fax 865-584-4315

Canister Samples Chain of Custody Record

TestAmerica assumes no liability with respect to the collection and shipment of these samples.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Contact Information	Project Manager: Wayne Fassbender	Sampled By: J. Jordan	___ of ___ COCs
Company: EnviroForensics	Phone: 414-982-3966		
Address: 200 S. Executive Dr	Site Contact:		
City/State/Zip: Brookfield WI	TAL Contact:		
Phone: 414-982-3988			
FAX:			
Project Name:	Analysis Turnaround Time		
Site/location:	Standard (Specify) X		
PO #	Rush (Specify)		

	Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
1	6140-0A	10/24-25	16:30	16:30	-29	-4	H-483	63669	X							X				
2	6140-IA-1		16:40	16:40	-29	-4	K-124	01353	X							X				
3	6140-IA-2		16:50	16:50	-29	-4	K-100	13303	X							X				
4	6140-IA-3		17:00	17:00	-29	-4	K-099	1454	X							X				

Sampled by :	Temperature (Fahrenheit)			
		Interior	Ambient	
	Start			
	Stop			

CUSTODY SEALS INTACT
RECEIVED AT AMBIENT TEMP
BKD 10-30-12
2 COOLERS + 1 BOX FEDEX #
5358 3003 2270

	Pressure (inches of Hg)		
	Interior	Ambient	
Start			
Stop			

6 TO-CANS / 4 FLOWS / 2 FLOWS (IA)
BKD 10-30-12 BKD 10-30-12

Special Instructions/QC Requirements & Comments:

Canisters Shipped by:	Date/Time: 10/26/2012	Canisters Received by:
Samples Relinquished by:	Date/Time:	Received by: 10-30-12 09:45
Relinquished by:	Date/Time:	Received by:

#25300421

TAL Knoxville
5815 Middlebrook Pike
Knoxville, TN 37921
phone 865-291-3000 fax 865-584-4315

Canister Samples Chain of Custody Record

TestAmerica assumes no liability with respect to the collection and shipment of these samples.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Contact Information	**Project Manager:** Wayne Fassbender	**Sampled By:** J. Jordan	1 of 1 COCs
Company: Enviroforensics	Phone:		
Address: 200 S Executive Drive Suite 101	Site Contact:		
City/State/Zip Brookfield WI	TAL Contact:		
Phone: 414-982-3988			
FAX:			
Project Name: One Hour Martinizing - Wauwatosa	**Analysis Turnaround Time**		
Site/location: Wauwatosa WI	Standard (Specify)		
PO #	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, 'Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
6140-SS-1	10/23/2012	17:00	17:05	-29	-5		28188	X											X
6140-SS-2	10/23/2012	17:40	17:45	-29.5	-9.5		25177	X											X

Sampled by :

	Temperature (Fahrenheit)		
	Interior	Ambient	
Start			Sub-Slab Air
Stop			

	Pressure (inches of Hg)		
	Interior	Ambient	
Start			
Stop			

Special Instructions/QC Requirements & Comments:

Canisters Shipped by:	Date/Time: 10/26/2012	Canisters Received by:
Samples Relinquished by:	Date/Time:	Received by: 10-30-12 09:45
Relinquished by:	Date/Time:	Received by:

TESTAMERICA KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST

Lot Number: H2J300421

Review Items	Yes	No	NA	If No, what was the problem?	Comments/Actions Taken
1. Do sample container labels match COC? (IDs, Dates, Times)	✓			☐ **1a** Do not match COC ☐ **1b** Incomplete information ☐ **1c** Marking smeared ☐ **1d** Label torn ☐ **1e** No label ☐ **1f** COC not received ☐ **1g** Other:	
2. Is the cooler temperature within limits? (> freezing temp. of water to 6 °C, VOST: 10°C)			✓	☐ **2a** Temp Blank = _____ ☐ **2b** Cooler Temp = _____ ☐ **2c** Cooling initiated for recently collected samples, ice present.	
3. Were samples received with correct chemical preservative (excluding Encore)?			✓	☐ **3a** Sample preservative =	
4. Were custody seals present/intact on cooler and/or containers?	✓			☐ **4a** Not present ☐ **4b** Not intact ☐ **4c** Other:	
5. Were all of the samples listed on the COC received?	✓			☐ **5a** Samples received-not on COC ☐ **5b** Samples not received-on COC	
6. Were all of the sample containers received intact?	✓			☐ **6a** Leaking ☐ **6b** Broken	
7. Were VOA samples received without headspace?	✓			☐ **7a** Headspace (VOA only)	
8. Were samples received in appropriate containers?	✓			☐ **8a** Improper container	
9. Did you check for residual chlorine, if necessary?			✓	☐ **9a** Could not be determined due to matrix interference	
10. Were samples received within holding time?	✓			☐ **10a** Holding time expired	
11. For rad samples, was sample activity info. provided?			✓	☐ Incomplete information	
12. For 1613B water samples is pH<9?			✓	If no, was pH adjusted to pH 7 - 9 with sulfuric acid? _____	
13. Are the shipping containers intact?	✓			☐ **13a** Leaking ☐ **13b** Other:	
14. Was COC relinquished? (Signed/Dated/Timed)	✓			☐ **14a** Not relinquished	
15. Are tests/parameters listed for each sample?	✓			☐ **15a** Incomplete information	
16. Is the matrix of the samples noted?	✓			☐ **15a** Incomplete information	
17. Is the date/time of sample collection noted?	✓			☐ **15a** Incomplete information	
18. Is the client and project name/# identified?	✓			☐ **15a** Incomplete information	
19. Was the sampler identified on the COC?	✓			☐ **19a** Other	

Quote #: 90977 PM Instructions: _____

Sample Receiving Associate: _____ Date: 10·30·12

QA026R23.doc, 022812

Test America - Knoxville ---- Air Canister Dilution Log

Lot Number: *H2J300421*

Initial Can Pressure							Subsequent Dilutions											
Analyst/Date	Tedlar Bag Time	Pbarr (in)	Sample ID	Can #	Pres. upon receipt (-in or + psig)	Adj. Initial Pres. (-in or + psig)	Analyst/Date	I / S	Pbarr (in)	Initial Pres. Pi (in)	Final Pres. Pf (psig)	First InCan Final Pres. Pf (psig)	Second In-can Final Pres. Pf (psig)	Third InCan Final Pres. Pf (psig)	Serial Dilution Can #	Vol (mL)	Final Pres. Pf (psig)	Comments
MR 10/30/12	MT	28.58	MW6KR	6369 ✓	-4.6	–												10121
			MW6KX ✓	0133 ✓	-5.5	–												10115
			MW6K0	1330B ✓	-4.7	–												10119
			MW6K3 ✓	1456 ✓	-5.0	–												10116
			MW6K5	L8188 ✓	-4.6	–												10128
↓	↓	↓	MW6K7	L5177 ✓	-8.8	+2.8												↓

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

OHM Wauwatosa

Lot #: H3G150411

Wayne Fassbender

Environmental Forensic Investi
N16 W23390 Stone Ridge Drive
Suite G
Waukesha, WI 53188

TESTAMERICA LABORATORIES, INC.

Jamie A. McKinney
Project Manager

July 25, 2013

ANALYTICAL METHODS SUMMARY

H3G150411

PARAMETER	ANALYTICAL METHOD
Volatile Organics by TO15	EPA-2 TO-15

References:

EPA-2 "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air", EPA-625/R-96/010b, January 1999.

SAMPLE SUMMARY

H3G150411

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
M1C0H	001	6140-UHA-1	07/10/13	14:10
M1C0J	002	6140-UHA-2	07/10/13	15:02

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

PROJECT NARRATIVE
H3G150411

The results reported herein are applicable to the samples submitted for analysis only. If you have any questions about this report, please call (865) 291-3000 to speak with the TestAmerica project manager listed on the cover page.

This report shall not be reproduced except in full, without the written approval of the laboratory.

The original chain of custody documentation is included with this report.

Sample Receipt

There were no problems with the condition of the samples received.

Quality Control and Data Interpretation

Unless otherwise noted, all holding times and QC criteria were met and the test results shown in this report meet all applicable NELAC requirements.

EPA methods TO-14A and TO-15 specify the use of humidified "zero air" as the blank reagent for canister cleaning, instrument calibration and sample analysis. Ultra-high purity humidified nitrogen from a cryogenic reservoir is used in place of "zero air" by TestAmerica Knoxville.

CERTIFICATION SUMMARY

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Knoxville	ACLASS	DoD ELAP		ADE-1434
TestAmerica Knoxville	Arkansas	State Program	6	88-0688
TestAmerica Knoxville	California	State Program	9	2423
TestAmerica Knoxville	Colorado	State Program	8	N/A
TestAmerica Knoxville	Connecticut	State Program	1	PH-0223
TestAmerica Knoxville	Florida	NELAC	4	E87177
TestAmerica Knoxville	Georgia	State Program	4	906
TestAmerica Knoxville	Hawaii	State Program	9	N/A
TestAmerica Knoxville	Indiana	State Program	5	C-TN-02
TestAmerica Knoxville	Iowa	State Program	7	375
TestAmerica Knoxville	Kansas	NELAC	7	E-10349
TestAmerica Knoxville	Kentucky	State Program	4	90101
TestAmerica Knoxville	Louisiana	NELAC	6	LA110001
TestAmerica Knoxville	Louisiana	NELAC	6	83979
TestAmerica Knoxville	Maryland	State Program	3	277
TestAmerica Knoxville	Michigan	State Program	5	9933
TestAmerica Knoxville	Minnesota	NELAC	5	047-999-429
TestAmerica Knoxville	Nevada	State Program	9	TN00009
TestAmerica Knoxville	New Jersey	NELAC	2	TN001
TestAmerica Knoxville	New York	NELAC	2	10781
TestAmerica Knoxville	North Carolina	North Carolina DENR	4	64
TestAmerica Knoxville	North Carolina	North Carolina PHL	4	21705
TestAmerica Knoxville	Ohio	OVAP	5	CL0059
TestAmerica Knoxville	Oklahoma	State Program	6	9415
TestAmerica Knoxville	Pennsylvania	NELAC	3	68-00576
TestAmerica Knoxville	South Carolina	State Program	4	84001
TestAmerica Knoxville	Tennessee	State Program	4	2014
TestAmerica Knoxville	Texas	NELAC	6	T104704380-TX
TestAmerica Knoxville	USDA	USDA		P330-11-00035
TestAmerica Knoxville	Utah	NELAC	8	QUAN3
TestAmerica Knoxville	Virginia	State Program	3	165
TestAmerica Knoxville	Washington	State Program	10	C593
TestAmerica Knoxville	West Virginia	West Virginia DEP	3	345
TestAmerica Knoxville	West Virginia	West Virginia DHHR (DW)	3	9955C
TestAmerica Knoxville	Wisconsin	State Program	5	998044300

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Sample Data Summary

Environmental Forensic Investigation Inc

Client Sample ID: 6140-UHA-1

GC/MS Volatiles

Lot-Sample #	H3G150411 - 001	**Work Order #**	M1C0H1AA	**Matrix.....:**	AIR
Date Sampled...:	07/10/2013	**Date Received..:**	07/12/2013		
Prep Date.....:	07/15/2013	**Analysis Date...**	07/15/2013		
Prep Batch #.....:	3197036				
Dilution Factor.:	10	**Method.....:**	TO-15		

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
cis-1,2-Dichloroethene	ND	2.0	ND	7.9
trans-1,2-Dichloroethene	ND	2.0	ND	7.9
Tetrachloroethene	**18**	**2.0**	**120**	**14**
Trichloroethene	ND	2.0	ND	11
Vinyl chloride	ND	2.0	ND	5.1

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	98	60 - 140

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Environmental Forensic Investigation Inc

Client Sample ID: 6140-UHA-2

GC/MS Volatiles

Lot-Sample #	H3G150411 - 002	**Work Order #**	M1C0J1AA	**Matrix.....:**	AIR
Date Sampled...:	07/10/2013	**Date Received..:**	07/12/2013		
Prep Date.....:	07/15/2013	**Analysis Date...**	07/15/2013		
Prep Batch #.....:	3197036				
Dilution Factor.:	10	**Method.....:**	TO-15		

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
cis-1,2-Dichloroethene	ND	2.0	ND	7.9
trans-1,2-Dichloroethene	ND	2.0	ND	7.9
Tetrachloroethene	**16**	**2.0**	**110**	**14**
Trichloroethene	ND	2.0	ND	11
Vinyl chloride	ND	2.0	ND	5.1

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	91	60 - 140

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Environmental Forensic Investigation Inc

Client Sample ID: INTRA-LAB BLANK

GC/MS Volatiles

Lot-Sample #	H3G160000 - 036B	**Work Order #**	M1DE91AA	**Matrix.....:**	AIR
	07/09/2013	**Date Received..:**	07/12/2013		
Prep Date.....:	07/15/2013	**Analysis Date...**	07/15/2013		
Prep Batch #.....:	3197036				
Dilution Factor.:	1	**Method.....:**	TO-15		

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
cis-1,2-Dichloroethene	ND	0.20	ND	0.79
trans-1,2-Dichloroethene	ND	0.20	ND	0.79
Tetrachloroethene	ND	0.20	ND	1.4
Trichloroethene	ND	0.20	ND	1.1
Vinyl chloride	ND	0.20	ND	0.51

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	91	60 - 140

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Environmental Forensic Investigation Inc

Client Sample ID: CHECK SAMPLE

GC/MS Volatiles

Lot-Sample #	H3G160000 - 036C	**Work Order #**	M1DE91AC	**Matrix.....:**	AIR
	07/09/2013	**Date Received..:**	07/12/2013		
Prep Date.....:	07/15/2013	**Analysis Date...**	07/15/2013		
Prep Batch #.....:	3197036				
Dilution Factor.:	1	**Method.....:**	TO-15		

PARAMETER	SPIKE AMOUNT (ppb(v/v))	MEASURED AMOUNT (ppb(v/v))	SPIKE AMOUNT (ug/m3)	MEASURED AMOUNT (ug/m3)	PERCENT RECOVERY	RECOVERY LIMITS
cis-1,2-Dichloroethene	5.00	5.11	20	20.2	102	70 - 130
trans-1,2-Dichloroethene	5.00	4.67	20	18.5	93	70 - 130
Tetrachloroethene	5.00	4.92	34	33.4	98	70 - 130
Trichloroethene	5.00	5.15	27	27.7	103	70 - 130
Vinyl chloride	5.00	5.69	13	14.5	114	70 - 130

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	102	60 - 140

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Sample Receipt Documentation

TAL Knoxville
5815 Middlebrook Pike
Knoxville, TN 37921
phone 865-291-3000 fax 865-584-4315

1736150411

Canister Samples Chain of Custody Record

TestAmerica assumes no liability with respect to the collection and shipment of these samples.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Contact Information	**Project Manager:**	**Sampled By:** K. Heinstead	1 of 1 COCs
Company: Enviroforensics	**Phone:**		
Address: N16 W23390 Stone Ridge Dr., Suite G	**Site Contact:**		
City/State/Zip Waukesha WI 53188	**TAL Contact:**		
Phone: 317-972-7870			
FAX:			
Project Name: OHM - Wauwatosa	**Analysis Turnaround Time**		
Site/location: Wauwatosa WI	Standard (Specify)		
PO #	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)	
6140-SG-1	7/10/13	1404	1416	-29.5	-3	121	10598	X									X			L8[illegible]
6140-SG-2	7/10/13	1457	1502	-29	-3	186	10597	X									X			L511

Sampled by :

Temperature (Fahrenheit)	Interior	Ambient	
Start			
Stop			

1 cooler Rec'd @ Ambient Temp with custody Seal intact RAA 7/12/13

1 cooler Fed x # 9032 7861 1464

Pressure (inches of Hg)	Interior	Ambient	
Start			
Stop			

2 CANS / 2 Flow (R)s

Special Instructions/QC Requirements & Comments:

Canisters Shipped by:	Date/Time:	Canisters Received by: Marcus Hancock	7/12/13 0940
Samples Relinquished by:	Date/Time: 7/14/13	Received by:	
Relinquished by:	Date/Time:	Received by:	

EnvisionAir
1437 Sadlier Circle West Drive
Indianapolis, IN 46239
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Fax: 317-351-0882
www.envision-air.com

Mr. W. Fassbender
Enviroforensics
N16 W. 23390 Stone Ridge Dr
Suite G
Waukesha, WI 53188

January 28, 2014

ENVision Project Number: 2014-6
Client Project Name: 6140 – OHM-Wauwatosa

Dear Mr. Fassbender,

Please find the attached analytical report for the samples received January 16, 2014. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

Feel free to contact me if you have any questions or comments regarding your analytical report or service.

Thank you for your business. EnvisionAir looks forward to working with you on your next project.

Yours Sincerely,

David Norris

Client Services Manager
EnvisionAir

EnvisionAir
1437 Sadlier Circle West Drive
Indianapolis, IN 46239
Ph: 317-351-0885
Fax: 317-351-0882
www.envision-air.com

Client Name: ENVIROFORENSICS

Project ID: 6140-OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2014-6

Sample Summary

Canister Pressure / Vacuum

Laboratory Sample Number:	Sample Description:	Matrix:	START Date Collected:	START Time Collected:	End Date Collected:	End Time Collected:	Date Received:	Time Received	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)
14-39	6140-IA-1	A	1/4/14	7:30	1/4/14	15:30	1/6/14	9:45	-29	-10	-10
14-40	6140-OA-1	A	1/4/14	7:35	1/4/14	15:35	1/6/14	9:45	-28.5	-11	-11

EnvisionAir
1437 Sadlier Circle West Drive
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Ph: 317-351-0885
Fax: 317-351-0882
www.envision-air.com

Client Name: ENVIROFORENSICS

Project ID: 6140-OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2014-6

Analytical Method: TO-15
Analytical Batch: 012314AIR

Client Sample ID: 6140-IA-1
Envision Sample Number: 14-39
Sample Matrix: AIR

Sample Collection START Date/Time: 1/14/14 7:30
Sample Collection END Date/Time: 1/14/14 15:30
Sample Received Date/Time: 1/16/14 9:45

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 19.8	19.8	
Tetrachloroethene	**286**	31.9	1
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichlorethene	< 1.07	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	100%		
Analysis Date/Time:	1-23-14/15:29		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140-OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2014-6

Analytical Method: TO-15
Analytical Batch: 012314AIR

Client Sample ID: 6140-OA-1
Envision Sample Number: 14-40
Sample Matrix: AIR

Sample Collection START Date/Time: 1/14/14 7:35
Sample Collection END Date/Time: 1/14/14 15:35
Sample Received Date/Time: 1/16/14 9:45

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 19.8	19.8	
Tetrachloroethene	< 3.19	3.19	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichlorethene	< 1.07	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	97%		
Analysis Date/Time:	1-23-14/16:07		
Analyst Initials	tjg		

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Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 012314AIR

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
cis-1,2-Dichloroethene	< 5	5	
Tetrachloroethene	< 0.47	0.47	
trans-1,2-Dichloroethene	< 10	10	
Trichlorethene	< 0.2	0.2	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	99%		
Analysis Date/Time:	1-23-14/09:59		
Analyst Initials	tjg		

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Vinyl Chloride	11	10.9	10	110%	109%	0.9%	
trans-1,2-Dichloroethene	10.5	10.5	10	105%	105%	0.0%	
cis-1,2-Dichloroethene	10.6	10.8	10	106%	108%	1.9%	
Trichlorethene	10.4	10.3	10	104%	103%	1.0%	
Tetrachloroethene	8.97	8.41	10	90%	84%	6.4%	
4-bromofluorobenzene (surrogate)	107%	102%					
Analysis Date/Time:	1-23-14/08:45	1-23-14/09:25					
Analyst Initials	tjg	tjg					

EnvisionAir
1437 Sadlier Circle West Drive
Indianapolis, IN 46239
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Flag Number	Comments
1	Reported value is from a 10x dilution. TJG 1-28-14

EnvisionAir Proj#: 2014-6 Page 1 of 1

CHAIN OF CUSTODY RECORD

EnvisionAir | 1437 Sadlier Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-0885 | Fax: (317) 351-0882

Client: Enviroforensics	P.O. Number:
Report Address: N16 W23390 Stone Ridge Dr Waukesha WI 53188	Project Name or Number: 6140 OHM - Wauwatosa
Report To: W. Fassbender	Sampled by: K. Hemmstead
Phone: 317-972-7870	QA/QC Required: (circle if applicable) Level III (Level IV)
Invoice Address:	Reporting Units needed: (circle) (ug/m³) mg/m³ PPBV PPMV
Desired TAT: (Please Circle One) 1 day 2 days 3 days Std (5 bus. days)	Media type: 1LC = 1 Liter Canister, 6LC = 6 Liter Canister, TB = Tedlar Bag, TD = Thermal Desorption Tube

REQUESTED PARAMETERS

TO-15 Full List

TO-15 Short List

Sampling Type:
Soil-Gas: ☐
Sub-Slab: ☐
Indoor-Air: ☒

breathe easy
★★★★
ENVISIONAIR
quality air analysis
www.envision-air.com

Canister Pressure / Vacuum

Air Sample ID	Media Type (see code above)	Coll. Date (Grab/Comp Start)	Coll. Time (Grab/Comp Start)	Coll. Date (Comp. End)	Coll. Time (Comp. End)	TO-15 Full List	TO-15 Short List			Canister Serial #	Flow Controller Serial #	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
6140-IA-1	6LC	1/14	730	1/14	1530	X				11070	03063	-29	-10	-10	14-39
6140-OA-1	6LC	1/14	735	1/14	1535	X				4686	02232	-28.5	-11	-11	14-40

Comments: Only report dry cleaner List. (PCE, TCE, Cis 1,2 Dichloroethylene, Trans 1,2 Dichloroethylene, Vinyl Chloride)

Relinquished by:	Date	Time	Received by:	Date	Time
	1/15/14			1/16/14	0945

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Mr. W. Fassbender
Enviroforensics
N16 W. 23390 Stone Ridge Dr
Suite G
Waukesha, WI 53188

January 28, 2014

ENVision Project Number: 2014-5
Client Project Name: 6140 – OHM-Wauwatosa

Dear Mr. Fassbender,

Please find the attached analytical report for the samples received January 16, 2014. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

Feel free to contact me if you have any questions or comments regarding your analytical report or service.

Thank you for your business. EnvisionAir looks forward to working with you on your next project.

Yours Sincerely,

David Norris

Client Services Manager
EnvisionAir

EnvisionAir
1437 Sadlier Circle West Drive
Indianapolis, IN 46239
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Fax: 317-351-0882
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Client Name: ENVIROFORENSICS

Project ID: 6140-OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2014-5

Sample Summary

Canister Pressure / Vacuum

Laboratory Sample Number:	Sample Description:	Matrix:	START Date Collected:	START Time Collected:	End Date Collected:	End Time Collected:	Date Received:	Time Received	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)
14-36	6140-1536-SSV-1	A	1/4/14	11:35	1/4/14	11:42	1/6/14	9:45	-30	-3	-3
14-37	6140-1536-SSV-2	A	1/4/14	12:30	1/4/14	12:35	1/6/14	9:45	-30	-3	-3
14-38	6140-1536-SSV-3	A	1/4/14	13:20	1/4/14	13:28	1/6/14	9:45	-30	-3	-3

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Client Name: ENVIROFORENSICS

Project ID: 6140-OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2014-5

Analytical Method: TO-15
Analytical Batch: 012314AIR

Client Sample ID: 6140-1536-SSV-1
Envision Sample Number: 14-36
Sample Matrix: AIR

Sample Collection START Date/Time: 1/14/14 11:35
Sample Collection END Date/Time: 1/14/14 11:42
Sample Received Date/Time: 1/16/14 9:45

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 198	198	1
Tetrachloroethene	**12,400**	638	2
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	**29.0**	10.7	1
Vinyl Chloride	< 12.8	12.8	1
4-bromofluorobenzene (surrogate)	105%		
Analysis Date/Time:	1-23-14/16:42		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140-OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2014-5

Analytical Method: TO-15
Analytical Batch: 012314AIR

Client Sample ID: 6140-1536-SSV-2
Envision Sample Number: 14-37
Sample Matrix: AIR

Sample Collection START Date/Time: 1/14/14 12:30
Sample Collection END Date/Time: 1/14/14 12:35
Sample Received Date/Time: 1/16/14 9:45

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 198	198	1
Tetrachloroethene	**423**	31.9	1
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	< 10.7	10.7	1
Vinyl Chloride	< 12.8	12.8	1
4-bromofluorobenzene (surrogate)	101%		
Analysis Date/Time:	1-23-14/17:18		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140-OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2014-5

Analytical Method: TO-15
Analytical Batch: 012314AIR

Client Sample ID: 6140-1536-SSV-3
Envision Sample Number: 14-38
Sample Matrix: AIR

Sample Collection START Date/Time: 1/14/14 13:20
Sample Collection END Date/Time: 1/14/14 13:28
Sample Received Date/Time: 1/16/14 9:45

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 198	198	1
Tetrachloroethene	**153**	31.9	1
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	< 10.7	10.7	1
Vinyl Chloride	< 12.8	12.8	1
4-bromofluorobenzene (surrogate)	98%		
Analysis Date/Time:	1-23-14/17:54		
Analyst Initials	tjg		

EnvisionAir
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Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 012314AIR

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
cis-1,2-Dichloroethene	< 5	5	
Tetrachloroethene	< 0.47	0.47	
trans-1,2-Dichloroethene	< 10	10	
Trichlorethene	< 0.2	0.2	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	99%		
Analysis Date/Time:	1-23-14/09:59		
Analyst Initials	tjg		

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Vinyl Chloride	11	10.9	10	110%	109%	0.9%	
trans-1,2-Dichloroethene	10.5	10.5	10	105%	105%	0.0%	
cis-1,2-Dichloroethene	10.6	10.8	10	106%	108%	1.9%	
Trichlorethene	10.4	10.3	10	104%	103%	1.0%	
Tetrachloroethene	8.97	8.41	10	90%	84%	6.4%	
4-bromofluorobenzene (surrogate)	107%	102%					
Analysis Date/Time:	1-23-14/08:45	1-23-14/09:25					
Analyst Initials	tjg	tjg					

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Flag Number	Comments
1	Reported value is from a 10x dilution. TJG 1-28-14
2	Reported value is from a 200x dilution. TJG 1-28-14

EnvisionAir Proj#: 2014-5 Page 1 of 1

CHAIN OF CUSTODY RECORD

EnvisionAir | 1437 Sadlier Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-0885 | Fax: (317) 351-0882

Client: Enviroforensics	P.O. Number:
Report/Address: N16 W23390 Stone Ridge Dr Waukesha WI 53185	Project Name or Number: 6140 OHM-Wauwatosa
Report To: W. Fassbender	Sampled by: K. Hemmstead
Phone: 817-972-7870	QA/QC Required: (circle if applicable) Level III Level IV
Invoice Address:	Reporting Units needed: (circle) ug/m³ mg/m³ PPBV PPMV
Desired TAT: (Please Circle One) 1 day 2 days 3 days Std (5 bus. days)	Media type: 1LC = 1 Liter Canister, 6LC = 6 Liter Canister, TB = Tedlar Bag, TD = Thermal Desorption Tube

REQUESTED PARAMETERS

TO-15 Full List | TO-15 Short List

Sampling Type:
Soil-Gas: ☐
Sub-Slab: ☑
Indoor-Air: ☐

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Canister Pressure / Vacuum

Air Sample ID	Media Type (see code above)	Coll. Date (Grab/Comp Start)	Coll. Time (Grab/Comp Start)	Coll. Date (Comp. End)	Coll. Time (Comp. End)					Canister Serial #	Flow Controller Serial #	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
6140-1536 SSV-1	1LC	1/14	1135	1/14	1142	x				83725	-	-30	-3	-3	14-36
6140-1536-SSV-2	1LC	1/14	1230	1/14	1235	x				83859	-	-30	-3	-3	14-37
6140-1536-SSV-3	1LC	1/14	1320	1/14	1328	x				83814	-	-30	-3	-3	14-38

Comments: Only report dry cleaner list (PCE, TCE cis 1,2 Dichloroethylene, Trans 1,2 Dichloroethylene, Vinyl chloride)

Relinquished by:	Date	Time	Received by:	Date	Time
Kyle H	1/15/14			1/16/14	0945

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Mr. W. Fassbender
Enviroforensics
N16 W. 23390 Stone Ridge Dr
Suite G
Waukesha, WI 53188

May 29, 2014

ENVision Project Number: 2014-215
Client Project Name: 6140 – OHM-Wauwatosa

Dear Mr. Fassbender,

Please find the attached analytical report for the samples received May 20, 2014. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

Feel free to contact me if you have any questions or comments regarding your analytical report or service.

Thank you for your business. EnvisionAir looks forward to working with you on your next project.

Yours Sincerely,

David Norris

Client Services Manager
EnvisionAir

EnvisionAir
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Client Name: ENVIROFORENSICS

Project ID: 6140 OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2014-215

Sample Summary

Canister Pressure / Vacuum

Laboratory Sample Number:	Sample Description:	Matrix:	START Date Collected:	START Time Collected:	End Date Collected:	End Time Collected:	Date Received:	Time Received	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)
14-910	6140-OA-1	A	5/15/14	7:30	5/15/14	15:30	5/20/14	8:30	-29	-10	-10
14-911	6140-1536-IA-1-1	A	5/15/14	7:45	5/15/14	15:45	5/20/14	8:30	-28	-11.5	-11
14-912	6140-1536-IA-B-1	A	5/15/14	7:50	5/15/14	15:50	5/20/14	8:30	-29	-11	-10
14-913	6140-1536-IA-B-2	A	5/15/14	7:55	5/15/14	15:55	5/20/14	8:30	-28	-10	-9
14-914	6140-1536-SSV-1	A	5/15/14	16:40	5/15/14	16:45	5/20/14	8:30	-30	-2	-1
14-915	6140-1536-SSV-2	A	5/15/14	17:10	5/15/14	17:15	5/20/14	8:30	-30	-2	-1
14-916	6140-1536-SSV-3	A	5/15/14	17:40	5/15/14	17:45	5/20/14	8:30	-30	-2	-1

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Client Name: ENVIROFORENSICS

Project ID: 6140 OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2014-215

Analytical Method: TO-15
Analytical Batch: 052214AIR

Client Sample ID: 6140-OA-1
Envision Sample Number: 14-910
Sample Matrix: AIR

Sample Collection START Date/Time: 5/15/14 7:30
Sample Collection END Date/Time: 5/15/14 15:30
Sample Received Date/Time: 5/20/14 8:30

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,1-Dichloropropene	< 45.4	45.4	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 1800	1800	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichlorethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	85%		
Analysis Date/Time:	5-22-14/16:58		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140 OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2014-215

Analytical Method: TO-15
Analytical Batch: 052214AIR

Client Sample ID: 6140-1536-IA-1-1
Envision Sample Number: 14-911
Sample Matrix: AIR

Sample Collection START Date/Time: 5/15/14 7:45
Sample Collection END Date/Time: 5/15/14 15:45
Sample Received Date/Time: 5/20/14 8:30

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,1-Dichloropropene	< 45.4	45.4	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 1800	1800	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichlorethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	85%		
Analysis Date/Time:	5-22-14/17:34		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140 OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2014-215

Analytical Method: TO-15
Analytical Batch: 052214AIR

Client Sample ID: 6140-1536-IA-B-1
Envision Sample Number: 14-912
Sample Matrix: AIR

Sample Collection START Date/Time: 5/15/14 7:50
Sample Collection END Date/Time: 5/15/14 15:50
Sample Received Date/Time: 5/20/14 8:30

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,1-Dichloropropene	< 45.4	45.4	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 1800	1800	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichlorethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	88%		
Analysis Date/Time:	5-22-14/18:09		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140 OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2014-215

Analytical Method: TO-15
Analytical Batch: 052214AIR

Client Sample ID: 6140-1536-IA-B-2
Envision Sample Number: 14-913
Sample Matrix: AIR

Sample Collection START Date/Time: 5/15/14 7:55
Sample Collection END Date/Time: 5/15/14 15:55
Sample Received Date/Time: 5/20/14 8:30

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,1-Dichloropropene	< 45.4	45.4	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 1800	1800	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichlorethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	84%		
Analysis Date/Time:	5-22-14/18:44		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140 OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2014-215

Analytical Method: TO-15
Analytical Batch: 052214AIR

Client Sample ID: 6140-1536-SSV-1
Envision Sample Number: 14-914
Sample Matrix: AIR

Sample Collection START Date/Time: 5/15/14 16:40
Sample Collection END Date/Time: 5/15/14 16:45
Sample Received Date/Time: 5/20/14 8:30

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 4920	4920	2
4-Methyl-2-pentanone (MIBK)	< 20500	20500	2
1,1,1-Trichloroethane	< 5460	5460	2
1,1,2,2-Tetrachloroethane	< 3.36	3.36	1,2
1,1,2-Trichloroethane	< 2.10	2.10	1,2
1,1-Dichloroethane	< 40.5	40.5	2
1,1-Dichloroethene	< 1980	1980	2
1,1-Dichloropropene	< 454	454	2
1,2,4-Trichlorobenzene	< 7.42	7.42	2
1,2,4-Trimethylbenzene	< 49.2	49.2	2
1,2-dibromoethane (EDB)	< 0.32	0.32	1,2
1,2-Dichlorobenzene	< 601	601	2
1,2-Dichloroethane	< 4.05	4.05	2
1,2-Dichloropropane	< 4.62	4.62	2
1,3,5-Trimethylbenzene	< 49.2	49.2	2
1,3-Butadiene	< 2.21	2.21	2
1,3-Dichlorobenzene	< 601	601	2
1,4-Dichlorobenzene	< 6.01	6.01	2
1,4-Dioxane	< 18.0	18.0	2
2-Butanone (MEK)	< 29500	29500	2
2-Hexanone	< 205	205	2
Acetone	< 23800	23800	2
Benzene	< 16.0	16.0	2
Benzyl Chloride	< 4.14	4.14	1,2
Bromodichloromethane	< 5.36	5.36	1,2
Bromoform	< 103	103	2
Bromomethane	< 38.8	38.8	2
Carbon Disulfide	< 3110	3110	2
Carbon Tetrachloride	< 6.29	6.29	2
Chlorobenzene	< 230	230	2
Chloroethane	< 132	132	2

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 8.30	8.30	2
Chloromethane	< 206	206	2
cis-1,2-Dichloroethene	< 198	198	2
cis-1,3-Dichloropropene	< 45.4	45.4	2
Cyclohexane	< 55100	55100	2
Dibromochloromethane	< 8.52	8.52	2
Dichlorodifluoromethane	< 495	495	2
Ethyl Acetate	< 18000	18000	2
Ethylbenzene	< 86.8	86.8	2
Hexachloro-1,3-butadiene	< 10.7	10.7	2
Isooctane	< 4670	4670	2
m,p-Xylene	< 434	434	2
Methylene Chloride	< 417	417	2
Methyl-tert-butyl ether	< 361	361	2
N-Heptane	< 4100	4100	2
N-Hexane	< 1760	1760	2
o-Xylene	< 434	434	2
Propylene	< 1720	1720	2
Styrene	< 4260	4260	2
Tetrachloroethene	**2,500**	63.8	3
Tetrahydrofuran	< 2950	2950	2
Toluene	< 37700	37700	2
trans-1,2-Dichloroethene	< 396	396	2
trans-1,3-Dichloropropene	< 45.4	45.4	2
Trichlorethene	< 10.7	10.7	2
Trichlorofluoromethane	< 5620	5620	2
Vinyl Acetate	< 1760	1760	2
Vinyl Bromide	< 4.37	4.37	2
Vinyl Chloride	< 12.8	12.8	2
4-bromofluorobenzene (surrogate)	85%		
Analysis Date/Time:	5-22-14/19:18		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140 OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2014-215

Analytical Method: TO-15
Analytical Batch: 052214AIR

Client Sample ID: 6140-1536-SSV-2
Envision Sample Number: 14-915
Sample Matrix: AIR

Sample Collection START Date/Time: 5/15/14 17:10
Sample Collection END Date/Time: 5/15/14 17:15
Sample Received Date/Time: 5/20/14 8:30

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 4920	4920	2
4-Methyl-2-pentanone (MIBK)	< 20500	20500	2
1,1,1-Trichloroethane	< 5460	5460	2
1,1,2,2-Tetrachloroethane	< 3.36	3.36	1,2
1,1,2-Trichloroethane	< 2.10	2.10	1,2
1,1-Dichloroethane	< 40.5	40.5	2
1,1-Dichloroethene	< 1980	1980	2
1,1-Dichloropropene	< 454	454	2
1,2,4-Trichlorobenzene	< 7.42	7.42	2
1,2,4-Trimethylbenzene	< 49.2	49.2	2
1,2-dibromoethane (EDB)	< 0.32	0.32	1,2
1,2-Dichlorobenzene	< 601	601	2
1,2-Dichloroethane	< 4.05	4.05	2
1,2-Dichloropropane	< 4.62	4.62	2
1,3,5-Trimethylbenzene	< 49.2	49.2	2
1,3-Butadiene	< 2.21	2.21	2
1,3-Dichlorobenzene	< 601	601	2
1,4-Dichlorobenzene	< 6.01	6.01	2
1,4-Dioxane	< 18.0	18.0	2
2-Butanone (MEK)	< 29500	29500	2
2-Hexanone	< 205	205	2
Acetone	< 23800	23800	2
Benzene	< 16.0	16.0	2
Benzyl Chloride	< 4.14	4.14	1,2
Bromodichloromethane	< 5.36	5.36	1,2
Bromoform	< 103	103	2
Bromomethane	< 38.8	38.8	2
Carbon Disulfide	< 3110	3110	2
Carbon Tetrachloride	< 6.29	6.29	2
Chlorobenzene	< 230	230	2
Chloroethane	< 132	132	2

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 8.30	8.30	2
Chloromethane	< 206	206	2
cis-1,2-Dichloroethene	< 198	198	2
cis-1,3-Dichloropropene	< 45.4	45.4	2
Cyclohexane	< 55100	55100	2
Dibromochloromethane	< 8.52	8.52	2
Dichlorodifluoromethane	< 495	495	2
Ethyl Acetate	< 18000	18000	2
Ethylbenzene	< 86.8	86.8	2
Hexachloro-1,3-butadiene	< 10.7	10.7	2
Isooctane	< 4670	4670	2
m,p-Xylene	< 434	434	2
Methylene Chloride	< 417	417	2
Methyl-tert-butyl ether	< 361	361	2
N-Heptane	< 4100	4100	2
N-Hexane	< 1760	1760	2
o-Xylene	< 434	434	2
Propylene	< 1720	1720	2
Styrene	< 4260	4260	2
Tetrachloroethene	**137**	31.9	2
Tetrahydrofuran	< 2950	2950	2
Toluene	< 37700	37700	2
trans-1,2-Dichloroethene	< 396	396	2
trans-1,3-Dichloropropene	< 45.4	45.4	2
Trichlorethene	< 10.7	10.7	2
Trichlorofluoromethane	< 5620	5620	2
Vinyl Acetate	< 1760	1760	2
Vinyl Bromide	< 4.37	4.37	2
Vinyl Chloride	< 12.8	12.8	2
4-bromofluorobenzene (surrogate)	86%		
Analysis Date/Time:	5-22-14/19:51		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140 OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2014-215

Analytical Method: TO-15
Analytical Batch: 052214AIR

Client Sample ID: 6140-1536-SSV-3
Envision Sample Number: 14-916
Sample Matrix: AIR

Sample Collection START Date/Time: 5/15/14 17:40
Sample Collection END Date/Time: 5/15/14 17:45
Sample Received Date/Time: 5/20/14 8:30

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 4920	4920	2
4-Methyl-2-pentanone (MIBK)	< 20500	20500	2
1,1,1-Trichloroethane	< 5460	5460	2
1,1,2,2-Tetrachloroethane	< 3.36	3.36	1,2
1,1,2-Trichloroethane	< 2.10	2.10	1,2
1,1-Dichloroethane	< 40.5	40.5	2
1,1-Dichloroethene	< 1980	1980	2
1,1-Dichloropropene	< 454	454	2
1,2,4-Trichlorobenzene	< 7.42	7.42	2
1,2,4-Trimethylbenzene	< 49.2	49.2	2
1,2-dibromoethane (EDB)	< 0.32	0.32	1,2
1,2-Dichlorobenzene	< 601	601	2
1,2-Dichloroethane	< 4.05	4.05	2
1,2-Dichloropropane	< 4.62	4.62	2
1,3,5-Trimethylbenzene	< 49.2	49.2	2
1,3-Butadiene	< 2.21	2.21	2
1,3-Dichlorobenzene	< 601	601	2
1,4-Dichlorobenzene	< 6.01	6.01	2
1,4-Dioxane	< 18.0	18.0	2
2-Butanone (MEK)	< 29500	29500	2
2-Hexanone	< 205	205	2
Acetone	< 23800	23800	2
Benzene	< 16.0	16.0	2
Benzyl Chloride	< 4.14	4.14	1,2
Bromodichloromethane	< 5.36	5.36	1,2
Bromoform	< 103	103	2
Bromomethane	< 38.8	38.8	2
Carbon Disulfide	< 3110	3110	2
Carbon Tetrachloride	< 6.29	6.29	2
Chlorobenzene	< 230	230	2
Chloroethane	< 132	132	2

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 8.30	8.30	2
Chloromethane	< 206	206	2
cis-1,2-Dichloroethene	< 198	198	2
cis-1,3-Dichloropropene	< 45.4	45.4	2
Cyclohexane	< 55100	55100	2
Dibromochloromethane	< 8.52	8.52	2
Dichlorodifluoromethane	< 495	495	2
Ethyl Acetate	< 18000	18000	2
Ethylbenzene	< 86.8	86.8	2
Hexachloro-1,3-butadiene	< 10.7	10.7	2
Isooctane	< 4670	4670	2
m,p-Xylene	< 434	434	2
Methylene Chloride	< 417	417	2
Methyl-tert-butyl ether	< 361	361	2
N-Heptane	< 4100	4100	2
N-Hexane	< 1760	1760	2
o-Xylene	< 434	434	2
Propylene	< 1720	1720	2
Styrene	< 4260	4260	2
Tetrachloroethene	**139**	31.9	2
Tetrahydrofuran	< 2950	2950	2
Toluene	< 37700	37700	2
trans-1,2-Dichloroethene	< 396	396	2
trans-1,3-Dichloropropene	< 45.4	45.4	2
Trichlorethene	< 10.7	10.7	2
Trichlorofluoromethane	< 5620	5620	2
Vinyl Acetate	< 1760	1760	2
Vinyl Bromide	< 4.37	4.37	2
Vinyl Chloride	< 12.8	12.8	2
4-bromofluorobenzene (surrogate)	83%		
Analysis Date/Time:	5-22-14/20:24		
Analyst Initials	tjg		

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TO-15 Quality Control Data

EnvisionAir Batch Number: 052214AIR

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
4-Ethyltoluene	< 100	100	
4-Methyl-2-pentanone (MIBK)	< 500	500	
1,1,1-Trichloroethane	< 100	100	
1,1,2,2-Tetrachloroethane	< 0.049	0.049	1
1,1,2-Trichloroethane	< 0.038	0.038	1
1,1-Dichloroethane	< 1	1	
1,1-Dichloroethene	< 50	50	
1,1-Dichloropropene	< 10	10	
1,2,4-Trichlorobenzene	< 0.1	0.1	
1,2,4-Trimethylbenzene	< 1	1	
1,2-dibromoethane (EDB)	< 0.0041	0.0041	1
1,2-Dichlorobenzene	< 10	10	
1,2-Dichloroethane	< 0.1	0.1	
1,2-Dichloropropane	< 0.1	0.1	
1,3,5-Trimethylbenzene	< 1	1	
1,3-Butadiene	< 0.1	0.1	
1,3-Dichlorobenzene	< 10	10	
1,4-Dichlorobenzene	< 0.1	0.1	
1,4-Dioxane	< 0.5	0.5	
2-Butanone (MEK)	< 1000	1000	
2-Hexanone	< 5	5	
Acetone	< 1000	1000	
Benzene	< 0.5	0.5	
Benzyl Chloride	< 0.08	0.08	1
Bromodichloromethane	< 0.08	0.08	1
Bromoform	< 1	1	
Bromomethane	< 1	1	
Carbon Disulfide	< 100	100	
Carbon Tetrachloride	< 0.1	0.1	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
Chloroform	< 0.17	0.17	
Chloromethane	< 10	10	
cis-1,2-Dichloroethene	< 5	5	
cis-1,3-Dichloropropene	< 1	1	
Cyclohexane	< 1600	1600	
Dibromochloromethane	< 0.1	0.1	
Dichlorodifluoromethane	< 10	10	
Ethyl Acetate	< 500	500	
Ethylbenzene	< 2	2	
Hexachloro-1,3-butadiene	< 0.1	0.1	
Isooctane	< 100	100	
m,p-Xylene	< 10	10	
Methylene Chloride	< 12	12	
Methyl-tert-butyl ether	< 10	10	
N-Heptane	< 100	100	
N-Hexane	< 50	50	
o-Xylene	< 10	10	
Propylene	< 100	100	
Styrene	< 100	100	
Tetrachloroethene	< 0.47	0.47	
Tetrahydrofuran	< 100	100	

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Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
Toluene	< 1000	1000	
trans-1,2-Dichloroethene	< 10	10	
trans-1,3-Dichloropropene	< 1	1	
Trichlorethene	< 0.2	0.2	
Trichlorofluoromethane	< 100	100	
Vinyl Acetate	< 50	50	
Vinyl Bromide	< 0.1	0.1	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	87%		
Analysis Date/Time:	5-22-14/16:22		
Analyst Initials	tjg		

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Propylene	9.07	8.63	10	91%	86%	5.0%	
Dichlorodifluoromethane	10.4	11	10	104%	110%	5.6%	
Chloromethane	9.13	8.87	10	91%	89%	2.9%	
Vinyl Chloride	9.9	9.14	10	99%	91%	8.0%	
1,3-Butadiene	9	8.65	10	90%	87%	4.0%	
Bromomethane	9.5	9.01	10	95%	90%	5.3%	
Chloroethane	9.7	9.28	10	97%	93%	4.4%	
Vinyl Bromide	10.6	9.91	10	106%	99%	6.7%	
Trichlorofluoromethane	10.3	10.1	10	103%	101%	2.0%	
Acetone	9.64	9.38	10	96%	94%	2.7%	
1,1-Dichloroethene	9.57	9.43	10	96%	94%	1.5%	
Methylene Chloride	8.28	8.26	10	83%	83%	0.2%	
Carbon Disulfide	9.24	8.83	10	92%	88%	4.5%	
trans-1,2-Dichloroethene	9.81	9.18	10	98%	92%	6.6%	
Methyl-tert-butyl ether	9.73	9.43	10	97%	94%	3.1%	
1,1-Dichloroethane	9.24	9.05	10	92%	91%	2.1%	
Vinyl Acetate	9.42	9.47	10	94%	95%	0.5%	
N-Hexane	8.73	8.47	10	87%	85%	3.0%	
2-Butanone (MEK)	9.18	9.22	10	92%	92%	0.4%	
cis-1,2-Dichloroethene	9.27	9.11	10	93%	91%	1.7%	
Ethyl Acetate	9.24	9.08	10	92%	91%	1.7%	
Chloroform	9.18	9.12	10	92%	91%	0.7%	
Tetrahydrofuran	9.68	9.71	10	97%	97%	0.3%	
1,2-Dichloroethane	9.5	10	10	95%	100%	5.1%	
1,1,1-Trichloroethane	10.1	10.3	10	101%	103%	2.0%	
1,1-Dichloropropene	10.2	10.3	10	102%	103%	1.0%	
Carbon Tetrachloride	10.2	10.5	10	102%	105%	2.9%	
Benzene	9.55	9.43	10	96%	94%	1.3%	
Cyclohexane	9.17	9.19	10	92%	92%	0.2%	
1,2-Dichloropropane	9.07	9.53	10	91%	95%	4.9%	
Trichlorethene	9.92	10.3	10	99%	103%	3.8%	
Bromodichloromethane	10	10.3	10	100%	103%	3.0%	
1,4-Dioxane	9.69	9.16	10	97%	92%	5.6%	
Isooctane	9.16	9.13	10	92%	91%	0.3%	
N-Heptane	9.02	9.18	10	90%	92%	1.8%	
cis-1,3-Dichloropropene	10	10.1	10	100%	101%	1.0%	
4-Methyl-2-pentanone (MIBK)	9.41	9.7	10	94%	97%	3.0%	
trans-1,3-Dichloropropene	9.97	10	10	100%	100%	0.3%	
1,1,2-Trichloroethane	9.8	9.6	10	98%	96%	2.1%	
Toluene	10.2	10.3	10	102%	103%	1.0%	
2-Hexanone	9.85	9.74	10	99%	97%	1.1%	
Dibromochloromethane	11.1	11.1	10	111%	111%	0.0%	
1,2-dibromoethane (EDB)	10.7	10.8	10	107%	108%	0.9%	
Tetrachloroethene	10.4	10.5	10	104%	105%	1.0%	
Chlorobenzene	10.3	10.3	10	103%	103%	0.0%	
Ethylbenzene	10.5	10.5	10	105%	105%	0.0%	
m,p-Xylene	20.4	20.3	20	102%	102%	0.5%	
Bromoform	10.1	10.4	10	101%	104%	2.9%	

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LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Styrene	10.4	10.4	10	104%	104%	0.0%	
1,1,2,2-Tetrachloroethane	9.08	9.27	10	91%	93%	2.1%	
o-Xylene	10.4	10.2	10	104%	102%	1.9%	
4-Ethyltoluene	10.1	10.2	10	101%	102%	1.0%	
1,3,5-Trimethylbenzene	10	10.1	10	100%	101%	1.0%	
1,2,4-Trimethylbenzene	9.92	9.93	10	99%	99%	0.1%	
1,3-Dichlorobenzene	9.52	9.02	10	95%	90%	5.4%	
Benzyl Chloride	9.36	9.34	10	94%	93%	0.2%	
1,4-Dichlorobenzene	9.32	9.14	10	93%	91%	2.0%	
1,2-Dichlorobenzene	8.8	8.41	10	88%	84%	4.5%	
1,2,4-Trichlorobenzene	8.25	8.43	10	83%	84%	2.2%	
Hexachloro-1,3-butadiene	8.62	8.67	10	86%	87%	0.6%	
4-bromofluorobenzene (surrogate)	85%	88%					
Analysis Date/Time:	5-22-14/11:41	5-22-14/12:51					
Analyst Initials	tjg	tjg					

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Flag Number	Comments
1	Reporting limit is supported by MDL. TJG
2	Reported value is from a 10x dilution. TJG 5-28-14
3	Reported value is from a 20x dilution. TJG 5-28-14

EnvisionAir Proj#: 2014-215 Page 1 of 2

CHAIN OF CUSTODY RECORD

EnvisionAir | 1437 Sadlier Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-0885 | Fax: (317) 351-0882

Client: EnviroForensics	P.O. Number:
Report Address: N16 W23390 Stone Ridge Dr Waukesha WI 53188	Project Name or Number: 6140 OHM-Wauwatosa
Report To: W. Fassbender	Sampled by: M. Hermstead
Phone: 317-972-7870	QA/QC Required: (circle if applicable) Level III (Level IV)
Invoice Address:	Reporting Units needed: (circle) (ug/m³) mg/m³ PPBV PPMV
Desired TAT: (Please Circle One) 1 day 2 days 3 days Std (5 bus. days)	Media type: 1LC = 1 Liter Canister; 6LC = 6 Liter Canister; TB = Tedlar Bag; TD = Thermal Desorption Tube

REQUESTED PARAMETERS

TO-15 Full List

TO-15 Short List

Sampling Type:
Soil-Gas: ☐
Sub-Slab: ☐
Indoor-Air: ☒

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Air Sample ID	Media Type (see code above)	Coll. Date (Grab/Comp Start)	Coll. Time (Grab/Comp Start)	Coll. Date (Comp. End)	Coll. Time (Comp. End)	TO-15 Full List	TO-15 Short List			Canister Serial #	Flow Controller Serial #	Canister Pressure / Vacuum: Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
6140-OA-1	6LC	5/15/14	0730	5/15/14	1530	X				14113	03059	-29	-10	-10	14-910
6140-1536-IA-1-1	6LC	5/15/14	0745	5/15/14	1545	X				16021	05218	-28	-11.5	-11	14-911
6140-1536-IA-B-1	6LC	5/15/14	0750	5/15/14	1550	X				16025	05301	-29	-11	-10	14-912
6140-1536-IA-B-2	6LC	5/15/14	0755	5/15/14	1555	X				4691	05299	-28	-10	-9	14-913

Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	5/16/14		[signature]	5/20/14	8:30

CHAIN OF CUSTODY RECORD

EnvisionAir | 1437 Sadlier Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-0885 | Fax: (317) 351-0882

Client: Enviro Forensics	P.O. Number:
Report Address: N16 W23396 Stone Ridge Dr Waukesha WI 53188	Project Name or Number: 6140 OHM-Subwaterosa
Report To: W. Fassbender	Sampled by: K. Heimstead
Phone: 317-972-7870	QA/QC Required: (circle if applicable) Level III (Level IV)
Invoice Address:	Reporting Units needed: (circle) (ug/m³) mg/m³ PPBV PPMV
Desired TAT: (Please Circle One) 1 day 2 days 3 days Std (5 bus. days)	Media type: 1LC = 1 Liter Canister, 6LC = 6 Liter Canister, TB = Tedlar Bag, TD = Thermal Desorption Tube

REQUESTED PARAMETERS

TO-15 Full List

TO-15 Short List

Sampling Type:
Soil-Gas: ☐
Sub-Slab: ☒
Indoor-Air: ☐

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Air Sample ID	Media Type (see code above)	Coll. Date (Grab/Comp Start)	Coll. Time (Grab/Comp Start)	Coll. Date (Comp. End)	Coll. Time (Comp. End)	TO-15 Full List	TO-15 Short List			Canister Serial #	Flow Controller Serial #	Canister Pressure / Vacuum: Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
6140-1536-SSV-1	1LC	5/15/14	1640	5/15/14	1645	X				83723	N/A	-30	-2	-1	14-914
6140-1536-SSV-2	1LC	5/15/14	1710	5/15/14	1715	X				83946	N/A	-30	-2	-1	14-915
6140-1536-SSV-3	1LC	5/15/14	1740	5/15/14	1745	X				85815	N/A	-30	-2	-1	14-916

Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	5/16/14		Suzanne Vick	5/20/14	8:30

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Ms. Brenda Ruenger
Enviroforensics
N16 W. 23390 Stone Ridge Dr
Suite G
Waukesha, WI 53188

September 30, 2014

ENVision Project Number: 2014-429
Client Project Name: 6140 – OHM-Wauwatosa

Dear Ms. Ruenger,

Please find the attached analytical report for the samples received September 17, 2014. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

Feel free to contact me if you have any questions or comments regarding your analytical report or service.

Thank you for your business. EnvisionAir looks forward to working with you on your next project.

Yours Sincerely,

David Norris

Client Services Manager
EnvisionAir

EnvisionAir
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Client Name: ENVIROFORENSICS

Project ID: 6140 OHM-WAUWATOSA

Client Project Manager: BRENDA RUENGER

EnvisionAir Project Number: 2014-429

Sample Summary

Canister Pressure / Vacuum

Laboratory Sample Number:	Sample Description:	Matrix:	START Date Collected:	START Time Collected:	End Date Collected:	End Time Collected:	Date Received:	Time Received	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)
14-1691	6140-6721-OA	A	9/11/14	17:10	9/12/14	17:10	9/17/14	14:08	-29.5	-2	-2
14-1692	6140-6721-IA-1	A	9/11/14	17:15	9/12/14	17:15	9/17/14	14:08	-30	-5	-5
14-1693	6140-6721-IA-2	A	9/11/14	17:20	9/12/14	17:20	9/17/14	14:08	-30	-4	-4
14-1694	6140-6721-IA-B	A	9/11/14	17:25	9/12/14	17:25	9/17/14	14:08	-29.5	-10	-10
14-1695	6140-6721-SS-1	A	9/12/14	17:50	9/12/14	17:55	9/17/14	14:08	-28	-2	-2
14-1696	6140-6721-SS-2	A	9/12/14	18:35	9/12/14	18:40	9/17/14	14:08	-29	-1	-1

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Client Name: ENVIROFORENSICS

Project ID: 6140 OHM-WAUWATOSA

Client Project Manager: BRENDA RUENGER

EnvisionAir Project Number: 2014-429

Analytical Method: TO-15
Analytical Batch: 091914AIR

Client Sample ID: 6140-6721-OA
Envision Sample Number: 14-1691
Sample Matrix: AIR

Sample Collection START Date/Time: 9/11/14 17:10
Sample Collection END Date/Time: 9/12/14 17:10
Sample Received Date/Time: 9/17/14 14:08

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,1-Dichloropropene	< 45.4	45.4	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 1800	1800	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichlorethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	111%		
Analysis Date/Time:	09-19-14/15:36		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140 OHM-WAUWATOSA

Client Project Manager: BRENDA RUENGER

EnvisionAir Project Number: 2014-429

Analytical Method: TO-15
Analytical Batch: 091914AIR

Client Sample ID: 6140-6721-IA-1
Envision Sample Number: 14-1692
Sample Matrix: AIR

Sample Collection START Date/Time: 9/11/14 17:15
Sample Collection END Date/Time: 9/12/14 17:15
Sample Received Date/Time: 9/17/14 14:08

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,1-Dichloropropene	< 45.4	45.4	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 1800	1800	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichlorethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	114%		
Analysis Date/Time:	09-19-14/22:39		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140 OHM-WAUWATOSA

Client Project Manager: BRENDA RUENGER

EnvisionAir Project Number: 2014-429

Analytical Method: TO-15
Analytical Batch: 091914AIR

Client Sample ID: 6140-6721-IA-2
Envision Sample Number: 14-1693
Sample Matrix: AIR

Sample Collection START Date/Time: 9/11/14 17:20
Sample Collection END Date/Time: 9/12/14 17:20
Sample Received Date/Time: 9/17/14 14:08

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,1-Dichloropropene	< 45.4	45.4	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 1800	1800	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichlorethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	121%		
Analysis Date/Time:	09-19-14/23:14		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140 OHM-WAUWATOSA

Client Project Manager: BRENDA RUENGER

EnvisionAir Project Number: 2014-429

Analytical Method: TO-15
Analytical Batch: 091914AIR

Client Sample ID: 6140-6721-IA-B
Envision Sample Number: 14-1694
Sample Matrix: AIR

Sample Collection START Date/Time: 9/11/14 17:25
Sample Collection END Date/Time: 9/12/14 17:25
Sample Received Date/Time: 9/17/14 14:08

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,1-Dichloropropene	< 45.4	45.4	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 1800	1800	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichlorethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	112%		
Analysis Date/Time:	09-19-14/23:49		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140 OHM-WAUWATOSA

Client Project Manager: BRENDA RUENGER

EnvisionAir Project Number: 2014-429

Analytical Method: TO-15
Analytical Batch: 092314AIR

Client Sample ID: 6140-6721-SS-1
Envision Sample Number: 14-1695
Sample Matrix: AIR

Sample Collection START Date/Time: 9/12/14 17:50
Sample Collection END Date/Time: 9/12/14 17:55
Sample Received Date/Time: 9/17/14 14:08

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 4920	4920	2
4-Methyl-2-pentanone (MIBK)	< 20500	20500	2
1,1,1-Trichloroethane	< 5460	5460	2
1,1,2,2-Tetrachloroethane	< 3.36	3.36	1,2
1,1,2-Trichloroethane	< 2.10	2.10	1,2
1,1-Dichloroethane	< 40.5	40.5	2
1,1-Dichloroethene	< 1980	1980	2
1,1-Dichloropropene	< 454	454	2
1,2,4-Trichlorobenzene	< 7.42	7.42	2
1,2,4-Trimethylbenzene	< 49.2	49.2	2
1,2-dibromoethane (EDB)	< 0.32	0.32	1,2
1,2-Dichlorobenzene	< 601	601	2
1,2-Dichloroethane	< 4.05	4.05	2
1,2-Dichloropropane	< 4.62	4.62	2
1,3,5-Trimethylbenzene	< 49.2	49.2	2
1,3-Butadiene	< 2.21	2.21	2
1,3-Dichlorobenzene	< 601	601	2
1,4-Dichlorobenzene	< 6.01	6.01	2
1,4-Dioxane	< 18.0	18.0	2
2-Butanone (MEK)	< 29500	29500	2
2-Hexanone	< 205	205	2
Acetone	< 23800	23800	2
Benzene	< 16.0	16.0	2
Benzyl Chloride	< 4.14	4.14	1,2
Bromodichloromethane	< 5.36	5.36	1,2
Bromoform	< 103	103	2
Bromomethane	< 38.8	38.8	2
Carbon Disulfide	< 3110	3110	2
Carbon Tetrachloride	< 6.29	6.29	2
Chlorobenzene	< 230	230	2
Chloroethane	< 132	132	2

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 8.30	8.30	2
Chloromethane	< 206	206	2
cis-1,2-Dichloroethene	< 198	198	2
cis-1,3-Dichloropropene	< 45.4	45.4	2
Cyclohexane	< 55100	55100	2
Dibromochloromethane	< 8.52	8.52	2
Dichlorodifluoromethane	< 495	495	2
Ethyl Acetate	< 18000	18000	2
Ethylbenzene	< 86.8	86.8	2
Hexachloro-1,3-butadiene	< 10.7	10.7	2
Isooctane	< 4670	4670	2
m,p-Xylene	< 434	434	2
Methylene Chloride	< 417	417	2
Methyl-tert-butyl ether	< 361	361	2
N-Heptane	< 4100	4100	2
N-Hexane	< 1760	1760	2
o-Xylene	< 434	434	2
Propylene	< 1720	1720	2
Styrene	< 4260	4260	2
Tetrachloroethene	**1,050**	31.9	2
Tetrahydrofuran	< 2950	2950	2
Toluene	< 37700	37700	2
trans-1,2-Dichloroethene	< 396	396	2
trans-1,3-Dichloropropene	< 45.4	45.4	2
Trichlorethene	< 10.7	10.7	2
Trichlorofluoromethane	< 5620	5620	2
Vinyl Acetate	< 1760	1760	2
Vinyl Bromide	< 4.37	4.37	2
Vinyl Chloride	< 12.8	12.8	2
4-bromofluorobenzene (surrogate)	96%		
Analysis Date/Time:	09-23-14/11:34		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140 OHM-WAUWATOSA

Client Project Manager: BRENDA RUENGER

EnvisionAir Project Number: 2014-429

Analytical Method: TO-15
Analytical Batch: 092314AIR

Client Sample ID: 6140-6721-SS-2
Envision Sample Number: 14-1696
Sample Matrix: AIR

Sample Collection START Date/Time: 9/12/14 18:35
Sample Collection END Date/Time: 9/12/14 18:40
Sample Received Date/Time: 9/17/14 14:08

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
4-Ethyltoluene	< 4920	4920	2
4-Methyl-2-pentanone (MIBK)	< 20500	20500	2
1,1,1-Trichloroethane	< 5460	5460	2
1,1,2,2-Tetrachloroethane	< 3.36	3.36	1,2
1,1,2-Trichloroethane	< 2.10	2.10	1,2
1,1-Dichloroethane	< 40.5	40.5	2
1,1-Dichloroethene	< 1980	1980	2
1,1-Dichloropropene	< 454	454	2
1,2,4-Trichlorobenzene	< 7.42	7.42	2
1,2,4-Trimethylbenzene	< 49.2	49.2	2
1,2-dibromoethane (EDB)	< 0.32	0.32	1,2
1,2-Dichlorobenzene	< 601	601	2
1,2-Dichloroethane	< 4.05	4.05	2
1,2-Dichloropropane	< 4.62	4.62	2
1,3,5-Trimethylbenzene	< 49.2	49.2	2
1,3-Butadiene	< 2.21	2.21	2
1,3-Dichlorobenzene	< 601	601	2
1,4-Dichlorobenzene	< 6.01	6.01	2
1,4-Dioxane	< 18.0	18.0	2
2-Butanone (MEK)	< 29500	29500	2
2-Hexanone	< 205	205	2
Acetone	< 23800	23800	2
Benzene	< 16.0	16.0	2
Benzyl Chloride	< 4.14	4.14	1,2
Bromodichloromethane	< 5.36	5.36	1,2
Bromoform	< 103	103	2
Bromomethane	< 38.8	38.8	2
Carbon Disulfide	< 3110	3110	2
Carbon Tetrachloride	< 6.29	6.29	2
Chlorobenzene	< 230	230	2
Chloroethane	< 132	132	2

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Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
Chloroform	< 8.30	8.30	2
Chloromethane	< 206	206	2
cis-1,2-Dichloroethene	< 198	198	2
cis-1,3-Dichloropropene	< 45.4	45.4	2
Cyclohexane	< 55100	55100	2
Dibromochloromethane	< 8.52	8.52	2
Dichlorodifluoromethane	< 495	495	2
Ethyl Acetate	< 18000	18000	2
Ethylbenzene	< 86.8	86.8	2
Hexachloro-1,3-butadiene	< 10.7	10.7	2
Isooctane	< 4670	4670	2
m,p-Xylene	< 434	434	2
Methylene Chloride	< 417	417	2
Methyl-tert-butyl ether	< 361	361	2
N-Heptane	< 4100	4100	2
N-Hexane	< 1760	1760	2
o-Xylene	< 434	434	2
Propylene	< 1720	1720	2
Styrene	< 4260	4260	2
Tetrachloroethene	**340**	31.9	2
Tetrahydrofuran	< 2950	2950	2
Toluene	< 37700	37700	2
trans-1,2-Dichloroethene	< 396	396	2
trans-1,3-Dichloropropene	< 45.4	45.4	2
Trichlorethene	< 10.7	10.7	2
Trichlorofluoromethane	< 5620	5620	2
Vinyl Acetate	< 1760	1760	2
Vinyl Bromide	< 4.37	4.37	2
Vinyl Chloride	< 12.8	12.8	2
4-bromofluorobenzene (surrogate)	99%		
Analysis Date/Time:	09-23-14/12:10		
Analyst Initials	tjg		

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Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 092214AIR

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
4-Ethyltoluene	< 100	100	
4-Methyl-2-pentanone (MIBK)	< 500	500	
1,1,1-Trichloroethane	< 100	100	
1,1,2,2-Tetrachloroethane	< 0.049	0.049	1
1,1,2-Trichloroethane	< 0.038	0.038	1
1,1-Dichloroethane	< 1	1	
1,1-Dichloroethene	< 50	50	
1,1-Dichloropropene	< 10	10	
1,2,4-Trichlorobenzene	< 0.1	0.1	
1,2,4-Trimethylbenzene	< 1	1	
1,2-dibromoethane (EDB)	< 0.0041	0.0041	1
1,2-Dichlorobenzene	< 10	10	
1,2-Dichloroethane	< 0.1	0.1	
1,2-Dichloropropane	< 0.1	0.1	
1,3,5-Trimethylbenzene	< 1	1	
1,3-Butadiene	< 0.1	0.1	
1,3-Dichlorobenzene	< 10	10	
1,4-Dichlorobenzene	< 0.1	0.1	
1,4-Dioxane	< 0.5	0.5	
2-Butanone (MEK)	< 1000	1000	
2-Hexanone	< 5	5	
Acetone	< 1000	1000	
Benzene	< 0.5	0.5	
Benzyl Chloride	< 0.08	0.08	1
Bromodichloromethane	< 0.08	0.08	1
Bromoform	< 1	1	
Bromomethane	< 1	1	
Carbon Disulfide	< 100	100	
Carbon Tetrachloride	< 0.1	0.1	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
Chloroform	< 0.17	0.17	
Chloromethane	< 10	10	
cis-1,2-Dichloroethene	< 5	5	
cis-1,3-Dichloropropene	< 1	1	
Cyclohexane	< 1600	1600	
Dibromochloromethane	< 0.1	0.1	
Dichlorodifluoromethane	< 10	10	
Ethyl Acetate	< 500	500	
Ethylbenzene	< 2	2	
Hexachloro-1,3-butadiene	< 0.1	0.1	
Isooctane	< 100	100	
m,p-Xylene	< 10	10	
Methylene Chloride	< 12	12	
Methyl-tert-butyl ether	< 10	10	
N-Heptane	< 100	100	
N-Hexane	< 50	50	
o-Xylene	< 10	10	
Propylene	< 100	100	
Styrene	< 100	100	
Tetrachloroethene	< 0.47	0.47	
Tetrahydrofuran	< 100	100	

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Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
Toluene	< 1000	1000	
trans-1,2-Dichloroethene	< 10	10	
trans-1,3-Dichloropropene	< 1	1	
Trichlorethene	< 0.2	0.2	
Trichlorofluoromethane	< 100	100	
Vinyl Acetate	< 50	50	
Vinyl Bromide	< 0.1	0.1	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	104%		
Analysis Date/Time:	09-22-14/17:34		
Analyst Initials	tjg		

Laboratory Control Standard (LCS):	LCS Results (ppbv)	LCS Conc(ppbv)	% Rec	Flag
Propylene	11.6	10	116%	
Dichlorodifluoromethane	8.8	10	88%	
Chloromethane	9.11	10	91%	
Vinyl Chloride	11	10	110%	
1,3-Butadiene	10.9	10	109%	
Bromomethane	11.3	10	113%	
Chloroethane	10.9	10	109%	
Vinyl Bromide	10.1	10	101%	
Trichlorofluoromethane	9.54	10	95%	
Acetone	10.6	10	106%	
1,1-Dichloroethene	9.75	10	98%	
Methylene Chloride	9.77	10	98%	
Carbon Disulfide	9.67	10	97%	
trans-1,2-Dichloroethene	10.5	10	105%	
Methyl-tert-butyl ether	11.6	10	116%	
1,1-Dichloroethane	10.3	10	103%	
Vinyl Acetate	10.8	10	108%	
N-Hexane	10.6	10	106%	
2-Butanone (MEK)	11.3	10	113%	
cis-1,2-Dichloroethene	10.9	10	109%	
Ethyl Acetate	11.7	10	117%	
Chloroform	8.67	10	87%	
Tetrahydrofuran	10.8	10	108%	
1,2-Dichloroethane	9.61	10	96%	
1,1,1-Trichloroethane	9.39	10	94%	
1,1-Dichloropropene	11.2	10	112%	
Carbon Tetrachloride	9.28	10	93%	
Benzene	9.75	10	98%	
Cyclohexane	10.8	10	108%	
1,2-Dichloropropane	9.97	10	100%	
Trichlorethene	9.37	10	94%	
Bromodichloromethane	9.41	10	94%	
1,4-Dioxane	10.3	10	103%	
Isooctane	10.2	10	102%	
N-Heptane	9.94	10	99%	
cis-1,3-Dichloropropene	10.8	10	108%	
4-Methyl-2-pentanone (MIBK)	10.5	10	105%	
trans-1,3-Dichloropropene	11.1	10	111%	
1,1,2-Trichloroethane	9.25	10	93%	
Toluene	10.4	10	104%	
2-Hexanone	10.9	10	109%	
Dibromochloromethane	9.6	10	96%	
1,2-dibromoethane (EDB)	9.89	10	99%	
Tetrachloroethene	10.5	10	105%	
Chlorobenzene	9.45	10	95%	
Ethylbenzene	10.9	10	109%	
m,p-Xylene	19.8	20	99%	
Bromoform	9.62	10	96%	

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Laboratory Control Standard (LCS):	LCS Results (ppbv)	LCS Conc(ppbv)	% Rec	Flag
Styrene	10.6	10	106%	
1,1,2,2-Tetrachloroethane	9.54	10	95%	
o-Xylene	9.67	10	97%	
4-Ethyltoluene	9.72	10	97%	
1,3,5-Trimethylbenzene	9.1	10	91%	
1,2,4-Trimethylbenzene	9.25	10	93%	
1,3-Dichlorobenzene	8.9	10	89%	
Benzyl Chloride	9.7	10	97%	
1,4-Dichlorobenzene	9.41	10	94%	
1,2-Dichlorobenzene	8.81	10	88%	
1,2,4-Trichlorobenzene	10.2	10	102%	
Hexachloro-1,3-butadiene	8.57	10	86%	
4-bromofluorobenzene (surrogate)	103%			
Analysis Date/Time:	09-22-14/17:00			
Analyst Initials	tjg			

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Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 091914AIR

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
4-Ethyltoluene	< 100	100	
4-Methyl-2-pentanone (MIBK)	< 500	500	
1,1,1-Trichloroethane	< 100	100	
1,1,2,2-Tetrachloroethane	< 0.049	0.049	1
1,1,2-Trichloroethane	< 0.038	0.038	1
1,1-Dichloroethane	< 1	1	
1,1-Dichloroethene	< 50	50	
1,1-Dichloropropene	< 10	10	
1,2,4-Trichlorobenzene	< 0.1	0.1	
1,2,4-Trimethylbenzene	< 1	1	
1,2-dibromoethane (EDB)	< 0.0041	0.0041	1
1,2-Dichlorobenzene	< 10	10	
1,2-Dichloroethane	< 0.1	0.1	
1,2-Dichloropropane	< 0.1	0.1	
1,3,5-Trimethylbenzene	< 1	1	
1,3-Butadiene	< 0.1	0.1	
1,3-Dichlorobenzene	< 10	10	
1,4-Dichlorobenzene	< 0.1	0.1	
1,4-Dioxane	< 0.5	0.5	
2-Butanone (MEK)	< 1000	1000	
2-Hexanone	< 5	5	
Acetone	< 1000	1000	
Benzene	< 0.5	0.5	
Benzyl Chloride	< 0.08	0.08	1
Bromodichloromethane	< 0.08	0.08	1
Bromoform	< 1	1	
Bromomethane	< 1	1	
Carbon Disulfide	< 100	100	
Carbon Tetrachloride	< 0.1	0.1	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
Chloroform	< 0.17	0.17	
Chloromethane	< 10	10	
cis-1,2-Dichloroethene	< 5	5	
cis-1,3-Dichloropropene	< 1	1	
Cyclohexane	< 1600	1600	
Dibromochloromethane	< 0.1	0.1	
Dichlorodifluoromethane	< 10	10	
Ethyl Acetate	< 500	500	
Ethylbenzene	< 2	2	
Hexachloro-1,3-butadiene	< 0.1	0.1	
Isooctane	< 100	100	
m,p-Xylene	< 10	10	
Methylene Chloride	< 12	12	
Methyl-tert-butyl ether	< 10	10	
N-Heptane	< 100	100	
N-Hexane	< 50	50	
o-Xylene	< 10	10	
Propylene	< 100	100	
Styrene	< 100	100	
Tetrachloroethene	< 0.47	0.47	
Tetrahydrofuran	< 100	100	

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Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
Toluene	< 1000	1000	
trans-1,2-Dichloroethene	< 10	10	
trans-1,3-Dichloropropene	< 1	1	
Trichlorethene	< 0.2	0.2	
Trichlorofluoromethane	< 100	100	
Vinyl Acetate	< 50	50	
Vinyl Bromide	< 0.1	0.1	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	99%		
Analysis Date/Time:	09-19-14/15:02		
Analyst Initials	tjg		

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Propylene	9.63	9.28	10	96%	93%	3.7%	
Dichlorodifluoromethane	9.18	10.5	10	92%	105%	13.4%	
Chloromethane	9	8.92	10	90%	89%	0.9%	
Vinyl Chloride	10.5	9.9	10	105%	99%	5.9%	
1,3-Butadiene	8.84	9.5	10	88%	95%	7.2%	
Bromomethane	10.5	10.8	10	105%	108%	2.8%	
Chloroethane	11.5	9.78	10	115%	98%	16.2%	
Vinyl Bromide	11.2	10.5	10	112%	105%	6.5%	
Trichlorofluoromethane	10.5	11.7	10	105%	117%	10.8%	
Acetone	10.1	10.5	10	101%	105%	3.9%	
1,1-Dichloroethene	10.4	8.48	10	104%	85%	20.3%	3
Methylene Chloride	9.96	9.48	10	100%	95%	4.9%	
Carbon Disulfide	9.88	9.95	10	99%	100%	0.7%	
trans-1,2-Dichloroethene	11.6	10.1	10	116%	101%	13.8%	
Methyl-tert-butyl ether	11.4	10.5	10	114%	105%	8.2%	
1,1-Dichloroethane	9.86	10.1	10	99%	101%	2.4%	
Vinyl Acetate	10.3	10.2	10	103%	102%	1.0%	
N-Hexane	10.1	9.85	10	101%	99%	2.5%	
2-Butanone (MEK)	9.96	9.74	10	100%	97%	2.2%	
cis-1,2-Dichloroethene	11.7	11.8	10	117%	118%	0.9%	
Ethyl Acetate	11.5	11.9	10	115%	119%	3.4%	
Chloroform	10.7	10.6	10	107%	106%	0.9%	
Tetrahydrofuran	9.9	9.44	10	99%	94%	4.8%	
1,2-Dichloroethane	10.9	12.1	10	109%	121%	10.4%	
1,1,1-Trichloroethane	9.82	10.8	10	98%	108%	9.5%	
1,1-Dichloropropene	9.29	11.8	10	93%	118%	23.8%	3
Carbon Tetrachloride	10	11	10	100%	110%	9.5%	
Benzene	9.71	9.68	10	97%	97%	0.3%	
Cyclohexane	9.62	10.2	10	96%	102%	5.9%	
1,2-Dichloropropane	9.23	10.1	10	92%	101%	9.0%	
Trichlorethene	8.58	9.91	10	86%	99%	14.4%	
Bromodichloromethane	8.86	9.77	10	89%	98%	9.8%	
1,4-Dioxane	9.11	9.83	10	91%	98%	7.6%	
Isooctane	9.8	8.81	10	98%	88%	10.6%	
N-Heptane	9.62	8.76	10	96%	88%	9.4%	
cis-1,3-Dichloropropene	9.63	10.5	10	96%	105%	8.6%	
4-Methyl-2-pentanone (MIBK)	8.55	9.74	10	86%	97%	13.0%	
trans-1,3-Dichloropropene	10.3	11.3	10	103%	113%	9.3%	
1,1,2-Trichloroethane	8.66	9.64	10	87%	96%	10.7%	
Toluene	9.64	10.5	10	96%	105%	8.5%	
2-Hexanone	10	11.1	10	100%	111%	10.4%	
Dibromochloromethane	9.85	9.71	10	99%	97%	1.4%	
1,2-dibromoethane (EDB)	10.2	10.3	10	102%	103%	1.0%	
Tetrachloroethene	9.75	9.7	10	98%	97%	0.5%	
Chlorobenzene	10.5	10	10	105%	100%	4.9%	
Ethylbenzene	9.99	9.86	10	100%	99%	1.3%	
m,p-Xylene	20.8	20.3	20	104%	102%	2.4%	
Bromoform	9.48	9.21	10	95%	92%	2.9%	

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Analytical Report

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Styrene	10.9	10.4	10	109%	104%	4.7%	
1,1,2,2-Tetrachloroethane	10.1	9.97	10	101%	100%	1.3%	
o-Xylene	10.8	10.7	10	108%	107%	0.9%	
4-Ethyltoluene	11	10.7	10	110%	107%	2.8%	
1,3,5-Trimethylbenzene	11.1	10.6	10	111%	106%	4.6%	
1,2,4-Trimethylbenzene	11.4	11.5	10	114%	115%	0.9%	
1,3-Dichlorobenzene	8.89	9.6	10	89%	96%	7.7%	
Benzyl Chloride	11.7	12.3	10	117%	123%	5.0%	
1,4-Dichlorobenzene	11.3	10.8	10	113%	108%	4.5%	
1,2-Dichlorobenzene	8.66	8.54	10	87%	85%	1.4%	
1,2,4-Trichlorobenzene	9.22	11.4	10	92%	114%	21.1%	3
Hexachloro-1,3-butadiene	10.6	9.81	10	106%	98%	7.7%	
4-bromofluorobenzene (surrogate)	96%	90%					
Analysis Date/Time:	09-19-14/12:41	09-19-14/13:18					
Analyst Initials	tjg	tjg					

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Flag Number	Comments
1	Reporting limit is supported by MDL. TJG
2	Reported value is from a 10x dilution. TJG 09-30-14
3	RPD is biased high but recoveries are within control.

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EnvisionAir Proj# 2014-429 Page 1 of 1

BWR

CHAIN OF CUSTODY RECORD

EnvisionAir | 1437 Sadlier Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-0885 | Fax: (317) 351-0882

Client: EnviroForensics	P.O. Number: 2014487
Report Address: N16 W23390 Stone Ridge Dr Waukesha WI 53188	Project Name or Number: 6140 OHM-Wauwatosa
Report To: B. Rueger	Sampled by: K. Hemmstead
Phone: 317-972-7870	QA/QC Required: (circle if applicable) Level III Level IV
Invoice Address:	Reporting Units needed: (circle) ug/m³ mg/m³ PPBV PPMV
Desired TAT: (Please Circle One) 1 day 2 days 3 days Std (5 bus. days)	Media type: 1LC = 1 Liter Canister; 6LC = 6 Liter Canister; TB = Tedlar Bag; TD = Thermal Desorption Tube

REQUESTED PARAMETERS

TO-15 Full List | TO-15 Short List

Sampling Type:
Soil-Gas: ☐
Sub-Slab: ☐
Indoor-Air: ☒

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Air Sample ID	Media Type (see code above)	Coll. Date (Grab/Comp Start)	Coll. Time (Grab/Comp Start)	Coll. Date (Comp. End)	Coll. Time (Comp. End)	TO-15 Full List	TO-15 Short List			Canister Serial #	Flow Controller Serial #	Canister Pressure / Vacuum: Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
6140-6721-OA	6LC	9/11/14	1710	9/12/14	1710	X				80637	07433	-29.5	-2	-2	14-1691
6140-6721-IA-1	6LC	9/11/14	1715	9/12/14	1715	X				91575	05717	-30	-5	-5	14-1692
6140-6721-IA-2	6LC	9/11/14	1720	9/12/14	1720	X				11083	04140	-30	-4	-4	14-1693
6140-6721-IA-B	6LC	9/11/14	1725	9/12/14	1725	X				10349	05257	-29.5	-10	-10	14-1694
6140-6721-SS-1	1LC	9/12/14	1750	9/12/14	1755	X				83679	-	-28	-2	-2	14-1695
6140-6721-SS-2	1LC	9/12/14	1835	9/12/14	1840	X				85945	-	-29	-1	-1	14-1696

Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	9-15-14	8:00am	Brenda Rueger to FedEx	9-15-14	8:00am
			Suzanne Vitale	9/17/14	14:05

EnvisionAir
1441 Sadlier Circle West Drive
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Fax: 317-351-0882
www.envision-air.com

Mr. W. Fassbender
Enviroforensics
N16 W. 23390 Stone Ridge Dr
Suite G
Waukesha, WI 53188

February 5, 2015

ENVision Project Number: 2015-61
Client Project Name: 6140.13h/OHM-Wawuatosa

Dear Mr. Fassbender,

Please find the attached analytical report for the samples received January 28, 2015. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

Feel free to contact me if you have any questions or comments regarding your analytical report or service.

Thank you for your business. EnvisionAir looks forward to working with you on your next project.

Yours Sincerely,

David Norris

Client Services Manager
EnvisionAir

EnvisionAir
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www.envision-air.com

Client Name: ENVIROFORENSICS

Project ID: 6140.13H OHM WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-61

Sample Summary

Canister Pressure / Vacuum

Laboratory Sample Number:	Sample Description:	Matrix:	START Date Collected:	START Time Collected:	End Date Collected:	End Time Collected:	Date Received:	Time Received	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)
15-265	6140-OA-1	A	1/22/15	7:55	1/22/15	15:55	1/28/15	14:43	-28.5	-8	-8
15-266	6140-1536-IA-1	A	1/22/15	8:00	1/22/15	16:00	1/28/15	14:43	-28.5	-9	-9
15-267	6140-1536-IA-B-1	A	1/22/15	8:05	1/22/15	16:05	1/28/15	14:43	-28.5	-7	-7
15-268	6140-1536-IA-B-2	A	1/22/15	8:10	1/22/15	16:10	1/28/15	14:43	-28.5	-5	-5
15-269	6140-1536-SSV-1	A	1/23/15	12:50	1/23/15	12:58	1/28/15	14:43	-28	-2	-2
15-270	6140-1536-SSV-2	A	1/23/15	13:40	1/23/15	13:46	1/28/15	14:43	-28	-2	-2
15-271	6140-1536-SSV-3	A	1/23/15	14:30	1/23/15	14:35	1/28/15	14:43	-28.5	-2	-2

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Client Name: ENVIROFORENSICS

Project ID: 6140.13H OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-61

Analytical Method: TO-15
Analytical Batch: 020215AIR

Client Sample ID: 6140-OA-1
Envision Sample Number: 15-265
Sample Matrix: AIR

Sample Collection START Date/Time: 1/22/15 7:55
Sample Collection END Date/Time: 1/22/15 15:55
Sample Received Date/Time: 1/28/15 14:43

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 19.8	19.8	
Tetrachloroethene	< 3.19	3.19	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichlorethene	< 1.07	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	104%		
Analysis Date/Time:	2-2-15/20:12		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140.13H OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-61

Analytical Method: TO-15
Analytical Batch: 020515AIR

Client Sample ID: 6140-1536-IA-1
Envision Sample Number: 15-266
Sample Matrix: AIR

Sample Collection START Date/Time: 1/22/15 8:00
Sample Collection END Date/Time: 1/22/15 16:00
Sample Received Date/Time: 1/28/15 14:43

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 19.8	19.8	
Tetrachloroethene	**4.61**	3.19	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichlorethene	< 1.07	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	126%		
Analysis Date/Time:	2-2-15/21:30		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140.13H OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-61

Analytical Method: TO-15
Analytical Batch: 020215AIR

Client Sample ID: 6140-1536-IA-B-1
Envision Sample Number: 15-267
Sample Matrix: AIR

Sample Collection START Date/Time: 1/22/15 8:05
Sample Collection END Date/Time: 1/22/15 16:05
Sample Received Date/Time: 1/28/15 14:43

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 19.8	19.8	
Tetrachloroethene	< 3.19	3.19	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichlorethene	< 1.07	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	112%		
Analysis Date/Time:	2-2-15/22:11		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140.13H OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-61

Analytical Method: TO-15
Analytical Batch: 020215AIR

Client Sample ID: 6140-1536-IA-B-2
Envision Sample Number: 15-268
Sample Matrix: AIR

Sample Collection START Date/Time: 1/22/15 8:10
Sample Collection END Date/Time: 1/22/15 16:10
Sample Received Date/Time: 1/28/15 14:43

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 19.8	19.8	
Tetrachloroethene	< 3.19	3.19	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichlorethene	< 1.07	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	107%		
Analysis Date/Time:	2-2-15/22:51		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140.13H OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-61

Analytical Method: TO-15
Analytical Batch: 020215AIR

Client Sample ID: 6140-1536-SSV-1
Envision Sample Number: 15-269
Sample Matrix: AIR

Sample Collection START Date/Time: 1/23/15 12:50
Sample Collection END Date/Time: 1/23/15 12:58
Sample Received Date/Time: 1/28/15 14:43

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 198	198	1
Tetrachloroethene	**1,110**	31.9	1
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	< 10.7	10.7	1
Vinyl Chloride	< 12.8	12.8	1
4-bromofluorobenzene (surrogate)	126%		
Analysis Date/Time:	2-3-15/01:27		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140.13H OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-61

Analytical Method: TO-15
Analytical Batch: 020215AIR

Client Sample ID: 6140-1536-SSV-2
Envision Sample Number: 15-270
Sample Matrix: AIR

Sample Collection START Date/Time: 1/23/15 13:40
Sample Collection END Date/Time: 1/23/15 13:46
Sample Received Date/Time: 1/28/15 14:43

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 198	198	1
Tetrachloroethene	**337**	31.9	1
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	< 10.7	10.7	1
Vinyl Chloride	< 12.8	12.8	1
4-bromofluorobenzene (surrogate)	114%		
Analysis Date/Time:	2-3-15/02:03		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140.13H OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-61

Analytical Method: TO-15
Analytical Batch: 020215AIR

Client Sample ID: 6140-1536-SSV-3
Envision Sample Number: 15-271
Sample Matrix: AIR

Sample Collection START Date/Time: 1/23/15 14:30
Sample Collection END Date/Time: 1/23/15 14:35
Sample Received Date/Time: 1/28/15 14:43

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 198	198	1
Tetrachloroethene	**195**	31.9	1
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	< 10.7	10.7	1
Vinyl Chloride	< 12.8	12.8	1
4-bromofluorobenzene (surrogate)	116%		
Analysis Date/Time:	2-3-15/02:39		
Analyst Initials	tjg		

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Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 020215AIR

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
cis-1,2-Dichloroethene	< 5	5	
Tetrachloroethene	< 0.47	0.47	
trans-1,2-Dichloroethene	< 10	10	
Trichlorethene	< 0.2	0.2	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	113%		
Analysis Date/Time:	2-2-15/15:37		
Analyst Initials	tjg		

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Vinyl Chloride	10.7	10.3	10	107%	103%	3.8%	
trans-1,2-Dichloroethene	10.6	10.1	10	106%	101%	4.8%	
cis-1,2-Dichloroethene	10.5	9.92	10	105%	99%	5.7%	
Trichlorethene	9.57	10.2	10	96%	102%	6.4%	
Tetrachloroethene	9.1	9.81	10	91%	98%	7.5%	
4-bromofluorobenzene (surrogate)	98%	98%					
Analysis Date/Time:	2-2-15/14:21	2-2-15/15:02					
Analyst Initials	tjg	tjg					

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Flag Number	Comments
1	Reported value is from a 10x dilution. DAE 2-4-15

EnvisionAir Proj#: 2015-61 Page 1 of 1

CHAIN OF CUSTODY RECORD

1 of

EnvisionAir | 1441 Sadlier Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-0885 | Fax: (317) 351-0882

Client: Enviro Forensics	P.O. Number: 20,448 7
Report N16 W23390 Stone Ridge Dr Address: Waukesha WI 53188	Project Name or Number: 6140.13h OHM-Wawatosa
Report To: W. Fassbender	Sampled by: K. Hemstead
Phone: 317-972-7870	QA/QC Required: (circle if applicable) Level III Level IV
Invoice Address:	Reporting Units needed: (circle) ug/m³ mg/m³ PPBV PPMV
Desired TAT: (Please Circle One) 1 day 2 days 3 days Std (5 bus. days)	Media type: 1LC = 1 Liter Canister, 6LC = 6 Liter Canister, TB = Tedlar Bag, TD = Thermal Desorption Tube

REQUESTED PARAMETERS

ENVISIONAIR

Sampling Type:
Soil-Gas: ☐
Sub-Slab: ☐
Indoor-Air: ☑

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Air Sample ID	Media Type (see code above)	Coll. Date (Grab/Comp Start)	Coll. Time (Grab/Comp Start)	Coll. Date (Comp. End)	Coll. Time (Comp. End)	TO-15 Full List	TO-15 Short List			Canister Serial #	Flow Controller Serial #	Canister Pressure / Vacuum: Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
6140-OA-1	6LC	1-22-15	755	1-22-15	1555		X			80638	05254	-28.5	-8	-8	15-265
6140-1536-IA-1	6LC	1-22-15	800	1-22-15	1600		X			80639	02231	-28.5	-9	-9	15-266
6140-1536-IA-B-1	6LC	1-22-15	805	1-22-15	1605		X			11074	05252	-28.5	-7	-7	15-267
6140-1536-IA-B-2	6LC	1-22-15	810	1-22-15	1610		X			91577	02225	-28.5	-5	-5	15-268
6140-1536-SSV-1	1LC	1-22-15	1250	1-23-15	1258		X			83944	-	-28	-2	-2	15-269
6140-1536-SSV-2	1LC	1-23-15	1340	1-23-15	1346		X			J1709	-	-28	-2	-2	15-270
6140-1536-SSV-3	1LC	1-23-15	1430	1-23-15	1435		X			J1712	-	-28.5	-2	-2	15-271

Comments: Level IV for 6LC only.

Relinquished by:	Date	Time	Received by:	Date	Time
	1-26-15		Siegmund Vick	1/28/15	14:43

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Mr. W. Fassbender
Enviroforensics
N16 W. 23390 Stone Ridge Dr
Suite G
Waukesha, WI 53188

February 5, 2015

ENVision Project Number: 2015-62
Client Project Name: 6140.13h/OHM-Wauwatosa

Dear Mr. Fassbender,

Please find the attached analytical report for the samples received January 28, 2015. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

Feel free to contact me if you have any questions or comments regarding your analytical report or service.

Thank you for your business. EnvisionAir looks forward to working with you on your next project.

Yours Sincerely,

David Norris

Client Services Manager
EnvisionAir

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Client Name: ENVIROFORENSICS

Project ID: 6140.13H OHM WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-62

Sample Summary

Canister Pressure / Vacuum

Laboratory Sample Number:	Sample Description:	Matrix:	START Date Collected:	START Time Collected:	End Date Collected:	End Time Collected:	Date Received:	Time Received	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)
15-272	6140-6721-OA	A	1/22/15	15:10	1/23/15	15:10	1/28/15	14:43	-28	-2.5	-2.5
15-273	6140-6721-IA-B	A	1/22/15	15:15	1/23/15	15:15	1/28/15	14:43	-28	-2	-2
15-274	6140-6721-IA-1	A	1/22/15	15:20	1/23/15	15:20	1/28/15	14:43	-28.5	0	0
15-275	6140-6721-IA-2	A	1/22/15	15:25	1/23/15	15:25	1/28/15	14:43	-28.5	-2	-2
15-276	6140-6721-SS-1	A	1/23/15	15:50	1/23/15	16:01	1/28/15	14:43	-29	-2	-2
15-277	6140-6721-SS-2	A	1/23/15	16:29	1/23/15	16:35	1/28/15	14:43	-29	-2	-2

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Client Name: ENVIROFORENSICS

Project ID: 6140.13H OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-62

Analytical Method: TO-15
Analytical Batch: 020215AIR

Client Sample ID: 6140-6721-OA
Envision Sample Number: 15-272
Sample Matrix: AIR

Sample Collection START Date/Time: 1/22/15 15:10
Sample Collection END Date/Time: 1/23/15 15:10
Sample Received Date/Time: 1/28/15 14:43

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 19.8	19.8	
Tetrachloroethene	< 3.19	3.19	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichlorethene	< 1.07	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	121%		
Analysis Date/Time:	2-2-15/20:48		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140.13H OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-62

Analytical Method: TO-15
Analytical Batch: 020215AIR

Client Sample ID: 6140-6721-IA-B
Envision Sample Number: 15-273
Sample Matrix: AIR

Sample Collection START Date/Time: 1/22/15 15:15
Sample Collection END Date/Time: 1/23/15 15:15
Sample Received Date/Time: 1/28/15 14:43

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 19.8	19.8	
Tetrachloroethene	< 3.19	3.19	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichlorethene	< 1.07	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	115%		
Analysis Date/Time:	2-2-15/23:30		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140.13H OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-62

Analytical Method: TO-15
Analytical Batch: 020215AIR

Client Sample ID: 6140-6721-IA-1
Envision Sample Number: 15-274
Sample Matrix: AIR

Sample Collection START Date/Time: 1/22/15 15:20
Sample Collection END Date/Time: 1/23/15 15:20
Sample Received Date/Time: 1/28/15 14:43

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 19.8	19.8	
Tetrachloroethene	< 3.19	3.19	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichlorethene	< 1.07	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	113%		
Analysis Date/Time:	2-3-15/00:10		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140.13H OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-62

Analytical Method: TO-15
Analytical Batch: 020315AIR

Client Sample ID: 6140-6721-IA-2
Envision Sample Number: 15-275
Sample Matrix: AIR

Sample Collection START Date/Time: 1/22/15 15:25
Sample Collection END Date/Time: 1/23/15 15:25
Sample Received Date/Time: 1/28/15 14:43

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 19.8	19.8	
Tetrachloroethene	< 3.19	3.19	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichlorethene	< 1.07	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	100%		
Analysis Date/Time:	2-4-15/07:11		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140.13H OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-62

Analytical Method: TO-15
Analytical Batch: 020215AIR

Client Sample ID: 6140-6721-SS-1
Envision Sample Number: 15-276
Sample Matrix: AIR

Sample Collection START Date/Time: 1/23/15 15:50
Sample Collection END Date/Time: 1/23/15 16:01
Sample Received Date/Time: 1/28/15 14:43

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 198	198	1
Tetrachloroethene	**741**	31.9	1
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	< 10.7	10.7	1
Vinyl Chloride	< 12.8	12.8	1
4-bromofluorobenzene (surrogate)	103%		
Analysis Date/Time:	2-3-15/03:16		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140.13H OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-62

Analytical Method: TO-15
Analytical Batch: 020315AIR

Client Sample ID: 6140-6721-SS-2
Envision Sample Number: 15-277
Sample Matrix: AIR

Sample Collection START Date/Time: 1/23/15 16:29
Sample Collection END Date/Time: 1/23/15 16:35
Sample Received Date/Time: 1/28/15 14:43

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 198	198	1
Tetrachloroethene	**454**	31.9	1
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	< 10.7	10.7	1
Vinyl Chloride	< 12.8	12.8	1
4-bromofluorobenzene (surrogate)	100%		
Analysis Date/Time:	2-4-15/03:59		
Analyst Initials	tjg		

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Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 020215AIR

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
cis-1,2-Dichloroethene	< 5	5	
Tetrachloroethene	< 0.47	0.47	
trans-1,2-Dichloroethene	< 10	10	
Trichlorethene	< 0.2	0.2	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	113%		
Analysis Date/Time:	2-2-15/15:37		
Analyst Initials	tjg		

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Vinyl Chloride	10.7	10.3	10	107%	103%	3.8%	
trans-1,2-Dichloroethene	10.6	10.1	10	106%	101%	4.8%	
cis-1,2-Dichloroethene	10.5	9.92	10	105%	99%	5.7%	
Trichlorethene	9.57	10.2	10	96%	102%	6.4%	
Tetrachloroethene	9.1	9.81	10	91%	98%	7.5%	
4-bromofluorobenzene (surrogate)	98%	98%					
Analysis Date/Time:	2-2-15/14:21	2-2-15/15:02					
Analyst Initials	tjg	tjg					

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Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 020315AIR

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
cis-1,2-Dichloroethene	< 5	5	
Tetrachloroethene	< 0.47	0.47	
trans-1,2-Dichloroethene	< 10	10	
Trichlorethene	< 0.2	0.2	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	104%		
Analysis Date/Time:	2-3-15/16:38		
Analyst Initials	tjg		

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Vinyl Chloride	10.8	10.5	10	108%	105%	2.8%	
trans-1,2-Dichloroethene	10.1	9.88	10	101%	99%	2.2%	
cis-1,2-Dichloroethene	10	9.66	10	100%	97%	3.5%	
Trichlorethene	9.26	9.1	10	93%	91%	1.7%	
Tetrachloroethene	10.2	9.85	10	102%	99%	3.5%	
4-bromofluorobenzene (surrogate)	98%	100%					
Analysis Date/Time:	2-3-15/15:22	2-3-15/16:02					
Analyst Initials	tjg	tjg					

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Flag Number	Comments
1	Reported value is from a 10x dilution. DAE 2-4-15

EnvisionAir Proj#: 2015-62 Page 1 of 1

CHAIN OF CUSTODY RECORD

WDF

EnvisionAir | 1441 Sadlier Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-0885 | Fax: (317) 351-0882

Client: EnviroForensics	P.O. Number: 2014487
Report Address: N16 W23390 Stone Ridge Dr. Waukesha WI 53188	Project Name or Number: 6140.131 OHM-Wauwatosa
Report To: W. Fassbender	Sampled by: K. Heimstead
Phone: 317-972-7870	QA/QC Required: (circle if applicable) Level III **Level IV**
Invoice Address:	Reporting Units needed: (circle) **ug/m³** mg/m³ PPBV PPMV
Desired TAT: (Please Circle One) **1 day 2 days 3 days Std (5 bus. days)**	Media type: 1LC = 1 Liter Canister, 6LC = 6 Liter Canister, TB = Tedlar Bag, TD = Thermal Desorption Tube

REQUESTED PARAMETERS

TO-15 Full List | TO-15 Short List

ENVISIONAIR

Sampling Type:
Soil-Gas: ☐
Sub-Slab: ☐
Indoor-Air: ☒

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Canister Pressure / Vacuum

Air Sample ID	Media Type (see code above)	Coll. Date (Grab/Comp Start)	Coll. Time (Grab/Comp Start)	Coll. Date (Comp. End)	Coll. Time (Comp. End)	TO-15 Full List	TO-15 Short List			Canister Serial #	Flow Controller Serial #	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
6140-6721-OA	6LC	1-22-15	1510	1-23-15	1510		X			91578	C7622	-28	-2.5	-2.5	15-272
6140-6721-IA-B	6LC	1-22-15	1515	1-23-15	1515		X			16016	C7462	-28	-2	-2	15-273
6140-6721-IA-1	6LC	1-22-15	1520	1-23-15	1520		X			H3418	C7310	-28.5	0	0	15-274
6140-6721-IA-2	6LC	1-22-15	1525	1-23-15	1525		X			H3417	04654	-28	-2	-2	15-275
6140-6721-SS-1	1LC	1-23-15	1550	1-23-15	1601		X			2219	-	-29	-2	-2	15-276
6140-6721-SS-2	1LC	1-23-15	1629	1-23-15	1635		X			2208	-	-29	-2	-2	15-277

Comments:
Level IV for 6LC only

Relinquished by:	Date	Time	Received by:	Date	Time
	1-26-15			1/28/15	14:43

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Mr. W. Fassbender
Enviroforensics
N16 W. 23390 Stone Ridge Dr
Suite G
Waukesha, WI 53188

February 20, 2015

ENVision Project Number: 2015-107
Client Project Name: 6140 – OHM-Wauwatosa

Dear Mr. Fassbender,

Please find the attached analytical report for the samples received February 10, 2015. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

Feel free to contact me if you have any questions or comments regarding your analytical report or service.

Thank you for your business. EnvisionAir looks forward to working with you on your next project.

Yours Sincerely,

David Norris

Client Services Manager
EnvisionAir

EnvisionAir
1441 Sadlier Circle West Drive
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Client Name: ENVIROFORENSICS

Project ID: 6140 OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER/K. HEIMSTEAD

EnvisionAir Project Number: 2015-107

Sample Summary

Canister Pressure / Vacuum

Laboratory Sample Number:	Sample Description:	Matrix:	START Date Collected:	START Time Collected:	End Date Collected:	End Time Collected:	Date Received:	Time Received	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)
15-401	6140-SG-4D	A	2/6/15	9:20	2/6/15	9:26	2/10/15	14:41	-29	-2	-2
15-402	6140-SG-4S	A	2/6/15	10:10	2/6/15	10:15	2/10/15	14:41	-29	-2	-2
15-403	6140-SG-5D	A	2/6/15	11:05	2/6/15	11:12	2/10/15	14:41	-29	-2	-2
15-404	6140-SG-5S	A	2/6/15	12:00	2/6/15	12:08	2/10/15	14:41	-29	-2	-2
15-405	6140-SG-6D	A	2/6/15	13:05	2/6/15	13:10	2/10/15	14:41	-29	-2	-2
15-406	6140-SG-6S	A	2/6/15	13:50	2/6/15	13:57	2/10/15	14:41	-29	-2	-2
15-407	6140-SG-7D	A	2/6/15	14:35	2/6/15	14:41	2/10/15	14:41	-29	-2	-2
15-408	6140-SG-7S	A	2/6/15	15:20	2/6/15	15:25	2/10/15	14:41	-29	-0.5	-0.5

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Client Name: ENVIROFORENSICS

Project ID: 6140 OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER/K. HEIMSTEAD

EnvisionAir Project Number: 2015-107

Analytical Method: TO-15
Analytical Batch: 021415CAIR

Client Sample ID: 6140-SG-4D
Envision Sample Number: 15-401
Sample Matrix: AIR

Sample Collection START Date/Time: 2/6/15 9:20
Sample Collection END Date/Time: 2/6/15 9:26
Sample Received Date/Time: 2/10/15 14:41

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 198	198	1
Tetrachloroethene	**1,870**	63.8	2
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	< 10.7	10.7	1
Vinyl Chloride	< 12.8	12.8	1
4-bromofluorobenzene (surrogate)	113%		
Analysis Date/Time:	2-15-15/00:38		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140 OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER/K. HEIMSTEAD

EnvisionAir Project Number: 2015-107

Analytical Method: TO-15
Analytical Batch: 021415CAIR

Client Sample ID: 6140-SG-4S
Envision Sample Number: 15-402
Sample Matrix: AIR

Sample Collection START Date/Time: 2/6/15 10:10
Sample Collection END Date/Time: 2/6/15 10:15
Sample Received Date/Time: 2/10/15 14:41

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 198	198	1
Tetrachloroethene	**468**	31.9	1
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	< 10.7	10.7	1
Vinyl Chloride	< 12.8	12.8	1
4-bromofluorobenzene (surrogate)	116%		
Analysis Date/Time:	2-15-15/01:14		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140 OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER/K. HEIMSTEAD

EnvisionAir Project Number: 2015-107

Analytical Method: TO-15
Analytical Batch: 021415CAIR

Client Sample ID: 6140-SG-4D
Envision Sample Number: 15-403
Sample Matrix: AIR

Sample Collection START Date/Time: 2/6/15 11:05
Sample Collection END Date/Time: 2/6/15 11:12
Sample Received Date/Time: 2/10/15 14:41

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 198	198	1
Tetrachloroethene	**1,240**	31.9	1
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	< 10.7	10.7	1
Vinyl Chloride	< 12.8	12.8	1
4-bromofluorobenzene (surrogate)	123%		
Analysis Date/Time:	2-15-15/01:50		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140 OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER/K. HEIMSTEAD

EnvisionAir Project Number: 2015-107

Analytical Method: TO-15
Analytical Batch: 021415CAIR

Client Sample ID: 6140-SG-5S
Envision Sample Number: 15-404
Sample Matrix: AIR

Sample Collection START Date/Time: 2/6/15 12:00
Sample Collection END Date/Time: 2/6/15 12:08
Sample Received Date/Time: 2/10/15 14:41

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 198	198	1
Tetrachloroethene	**686**	31.9	1
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	< 10.7	10.7	1
Vinyl Chloride	< 12.8	12.8	1
4-bromofluorobenzene (surrogate)	114%		
Analysis Date/Time:	2-15-15/02:27		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140 OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER/K. HEIMSTEAD

EnvisionAir Project Number: 2015-107

Analytical Method: TO-15
Analytical Batch: 021415CAIR

Client Sample ID: 6140-SG-6D
Envision Sample Number: 15-405
Sample Matrix: AIR

Sample Collection START Date/Time: 2/6/15 13:05
Sample Collection END Date/Time: 2/6/15 13:10
Sample Received Date/Time: 2/10/15 14:41

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 198	198	1
Tetrachloroethene	**4,710**	128	3
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	< 10.7	10.7	1
Vinyl Chloride	< 12.8	12.8	1
4-bromofluorobenzene (surrogate)	115%		
Analysis Date/Time:	2-15-15/03:03		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140 OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER/K. HEIMSTEAD

EnvisionAir Project Number: 2015-107

Analytical Method: TO-15
Analytical Batch: 021415CAIR

Client Sample ID: 6140-SG-6S
Envision Sample Number: 15-406
Sample Matrix: AIR

Sample Collection START Date/Time: 2/6/15 13:50
Sample Collection END Date/Time: 2/6/15 13:57
Sample Received Date/Time: 2/10/15 14:41

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 198	198	1
Tetrachloroethene	**475**	31.9	1
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	< 10.7	10.7	1
Vinyl Chloride	< 12.8	12.8	1
4-bromofluorobenzene (surrogate)	111%		
Analysis Date/Time:	2-15-15/04:16		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140 OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER/K. HEIMSTEAD

EnvisionAir Project Number: 2015-107

Analytical Method: TO-15
Analytical Batch: 021415CAIR

Client Sample ID: 6140-SG-7D
Envision Sample Number: 15-407
Sample Matrix: AIR

Sample Collection START Date/Time: 2/6/15 14:35
Sample Collection END Date/Time: 2/6/15 14:41
Sample Received Date/Time: 2/10/15 14:41

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 198	198	1
Tetrachloroethene	**2,130**	128	3
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	**19.3**	10.7	1
Vinyl Chloride	< 12.8	12.8	1
4-bromofluorobenzene (surrogate)	118%		
Analysis Date/Time:	2-15-15/04:53		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140 OHM-WAUWATOSA

Client Project Manager: W. FASSBENDER/K. HEIMSTEAD

EnvisionAir Project Number: 2015-107

Analytical Method: TO-15
Analytical Batch: 021415CAIR

Client Sample ID: 6140-SG-7S
Envision Sample Number: 15-408
Sample Matrix: AIR

Sample Collection START Date/Time: 2/6/15 15:20
Sample Collection END Date/Time: 2/6/15 15:25
Sample Received Date/Time: 2/10/15 14:41

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 198	198	1
Tetrachloroethene	< 31.9	31.9	1
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	< 10.7	10.7	1
Vinyl Chloride	< 12.8	12.8	1
4-bromofluorobenzene (surrogate)	111%		
Analysis Date/Time:	2-15-15/06:06		
Analyst Initials	tjg		

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Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 021415CAIR

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
cis-1,2-Dichloroethene	< 5	5	
Tetrachloroethene	< 0.47	0.47	
trans-1,2-Dichloroethene	< 10	10	
Trichlorethene	< 0.2	0.2	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	114%		
Analysis Date/Time:	2-14-15/21:10		
Analyst Initials	tjg		

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Vinyl Chloride	9.73	10	10	97%	100%	2.7%	
trans-1,2-Dichloroethene	10	9.99	10	100%	100%	0.1%	
cis-1,2-Dichloroethene	9.94	9.92	10	99%	99%	0.2%	
Trichlorethene	9.81	10.1	10	98%	101%	2.9%	
Tetrachloroethene	9.91	10.5	10	99%	105%	5.8%	
4-bromofluorobenzene (surrogate)	99%	101%					
Analysis Date/Time:	2-14-15/19:40	2-14-15/20:22					
Analyst Initials	tjg	tjg					

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Flag Number	Comments
1	Reported value is from a 10x dilution. TJG 2-19-15
2	Reported value is from a 20x dilution. TJG 2-19-15
3	Reported value is from a 40x dilution. TJG 2-19-15

EnvisionAir Proj#: 2015-107 Page 1 of 1

CHAIN OF CUSTODY RECORD

EnvisionAir | 1441 Sadlier Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-0885 | Fax: (317) 351-0882

Client: Envirio Forensics	P.O. Number: 2015 111
Report Address: N16 W23390 Stone Ridge Pt. Waukesha WI 53188	Project Name or Number: 6140 OHM - Wauwatosa
Report To: W. Fassbender / K. Hunstead	Sampled by: K. Hunstead
Phone: 317-972-7870	QA/QC Required: (circle if applicable) Level III Level IV
Invoice Address:	Reporting Units needed: (circle) ug/m³ mg/m³ PPBV PPMV
Desired TAT: (Please Circle One) 1 day 2 days 3 days ~~Std (5 bus. days)~~	Media type: 1LC = 1 Liter Canister; 6LC = 6 Liter Canister; TB = Tedlar Bag; TD = Thermal Desorption Tube

REQUESTED PARAMETERS

TO-15 Full List

TO-15 Short List

ENVISIONAIR

Sampling Type:
Soil-Gas: ☒
Sub-Slab: ☐
Indoor-Air: ☐

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Air Sample ID	Media Type (see code above)	Coll. Date (Grab/Comp Start)	Coll. Time (Grab/Comp Start)	Coll. Date (Comp. End)	Coll. Time (Comp. End)	TO-15 Full List	TO-15 Short List	Canister Serial #	Flow Controller Serial #	Canister Pressure / Vacuum: Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
6140-SG-4d	1LC	2-6-15	920	2-6-15	926		X	2212	-	-29	-2	-2	15-401
6140-SG-4s	1LC	2-6-15	1010	2-6-15	1015		X	83940	-	-29	-2	-2	15-402
6140-SG-5d	1LC	2-6-15	1105	2-6-15	1112		X	2210	-	-29	-2	-2	15-403
6140-SG-5s	1LC	2-6-15	1200	2-6-15	1208		X	84050	-	-29	-2	-2	15-404
6140-SG-6d	1LC	2-6-15	1305	2-6-15	1310		X	2098	-	-29	-2	-2	15-405
6140-SG-6s	1LC	2-6-15	1350	2-6-15	1357		X	83918	-	-29	-2	-2	15-406
6140-SG-7d	1LC	2-6-15	1435	2-6-15	1441		X	83739	-	-29	-2	-2	15-407
6140-SG-7s	1LC	2-6-15	1520	2-6-15	1525		X	521	-	-29	-0.5	-0.5	15-408

Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
	2-9-15	14:41	Siegmund Vicik	2/10/15	14:41

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Mr. W-Fassbender
Enviroforensics
N16 W. 23390 Stone Ridge Dr
Suite G
Waukesha, WI 53188

May 1, 2015

ENVision Project Number: 2015-280
Client Project Name: 6140 – OHM-Wauwatosa

Dear Mr. Fassbender,

Please find the attached analytical report for the samples received April 21, 2015. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

Feel free to contact me if you have any questions or comments regarding your analytical report or service.

Thank you for your business. EnvisionAir looks forward to working with you on your next project.

Yours Sincerely,

David Norris

Client Services Manager
EnvisionAir

EnvisionAir
1441 Sadlier Circle West Drive
Indianapolis, IN 46239
Ph: 317-351-0885
Fax: 317-351-0882
www.envision-air.com

Client Name: ENVIROFORENSICS

Project ID: 6140-OHM WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-280

Sample Summary

Canister Pressure / Vacuum

Laboratory Sample Number:	Sample Description:	Matrix:	START Date Collected:	START Time Collected:	End Date Collected:	End Time Collected:	Date Received:	Time Received	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)
15-1102	6140-SG-4S	A	4/16/15	9:20	4/16/15	9:25	4/21/15	11:00	-25	-2	-2
15-1103	6140-SG-4D	A	4/16/15	10:005	4/16/15	10:10	4/21/15	11:00	-25	-2	-2
15-1104	6140-SG-5S	A	4/16/15	10:40	4/16/15	10:46	4/21/15	11:00	-30	-2	-2
15-1105	6140-SG-5D	A	4/16/15	11:20	4/16/15	11:26	4/21/15	11:00	-29	-2	-2
15-1106	6140-SG-6S	A	4/16/15	12:15	4/16/15	12:20	4/21/15	11:00	-30	-1.5	-1.5
15-1107	6140-SG-6D	A	4/16/15	13:15	4/16/15	13:21	4/21/15	11:00	-30	-2	-1.5
15-1108	6140-SG-7S	A	4/16/15	15:05	4/16/15	15:10	4/21/15	11:00	-28	-1.5	-1.5
15-1109	6140-SG-7D	A	4/16/15	14:05	4/16/15	14:12	4/21/15	11:00	-28.5	-2	-2

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Client Name: ENVIROFORENSICS

Project ID: 6140-OHM WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-280

Analytical Method: TO-15
Analytical Batch: 042515CAIR

Client Sample ID: 6140-SG-4S
Envision Sample Number: 15-1102
Sample Matrix: AIR

Sample Collection START Date/Time: 4/16/15 9:20
Sample Collection END Date/Time: 4/16/15 9:25
Sample Received Date/Time: 4/21/15 11:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 198	198	1
Tetrachloroethene	**241**	31.9	1
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	< 10.7	10.7	1
Vinyl Chloride	< 12.8	12.8	1
4-bromofluorobenzene (surrogate)	107%		
Analysis Date/Time:	4-25-15/22:22		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140-OHM WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-280

Analytical Method: TO-15
Analytical Batch: 042515CAIR

Client Sample ID: 6140-SG-4D
Envision Sample Number: 15-1103
Sample Matrix: AIR

Sample Collection START Date/Time: 4/16/15 10:05
Sample Collection END Date/Time: 4/16/15 10:10
Sample Received Date/Time: 4/21/15 11:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 198	198	1
Tetrachloroethene	**1,180**	31.9	1
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	< 10.7	10.7	1
Vinyl Chloride	< 12.8	12.8	1
4-bromofluorobenzene (surrogate)	95%		
Analysis Date/Time:	4-25-15/22:57		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140-OHM WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-280

Analytical Method: TO-15
Analytical Batch: 042515CAIR

Client Sample ID: 6140-SG-5S
Envision Sample Number: 15-1104
Sample Matrix: AIR

Sample Collection START Date/Time: 4/16/15 10:40
Sample Collection END Date/Time: 4/16/15 10:46
Sample Received Date/Time: 4/21/15 11:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 198	198	1
Tetrachloroethene	**321**	31.9	1
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	< 10.7	10.7	1
Vinyl Chloride	< 12.8	12.8	1
4-bromofluorobenzene (surrogate)	96%		
Analysis Date/Time:	4-25-15/23:33		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140-OHM WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-280

Analytical Method: TO-15
Analytical Batch: 042515CAIR

Client Sample ID: 6140-SG-5D
Envision Sample Number: 15-1105
Sample Matrix: AIR

Sample Collection START Date/Time: 4/16/15 11:20
Sample Collection END Date/Time: 4/16/15 11:26
Sample Received Date/Time: 4/21/15 11:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 198	198	1
Tetrachloroethene	**952**	31.9	1
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	< 10.7	10.7	1
Vinyl Chloride	< 12.8	12.8	1
4-bromofluorobenzene (surrogate)	93%		
Analysis Date/Time:	4-26-15/00:09		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140-OHM WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-280

Analytical Method: TO-15
Analytical Batch: 042515CAIR

Client Sample ID: 6140-SG-6S
Envision Sample Number: 15-1106
Sample Matrix: AIR

Sample Collection START Date/Time: 4/16/15 12:15
Sample Collection END Date/Time: 4/16/15 12:20
Sample Received Date/Time: 4/21/15 11:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 198	198	1
Tetrachloroethene	**334**	31.9	1
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	**11.8**	10.7	1
Vinyl Chloride	< 12.8	12.8	1
4-bromofluorobenzene (surrogate)	93%		
Analysis Date/Time:	4-26-15/00:45		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140-OHM WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-280

Analytical Method: TO-15
Analytical Batch: 042515CAIR

Client Sample ID: 6140-SG-6D
Envision Sample Number: 15-1107
Sample Matrix: AIR

Sample Collection START Date/Time: 4/16/15 13:15
Sample Collection END Date/Time: 4/16/15 13:21
Sample Received Date/Time: 4/21/15 11:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 198	198	1
Tetrachloroethene	**1,330**	31.9	1
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	< 10.7	10.7	1
Vinyl Chloride	< 12.8	12.8	1
4-bromofluorobenzene (surrogate)	85%		
Analysis Date/Time:	4-26-15/01:21		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140-OHM WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-280

Analytical Method: TO-15
Analytical Batch: 042515CAIR

Client Sample ID: 6140-SG-7S
Envision Sample Number: 15-1108
Sample Matrix: AIR

Sample Collection START Date/Time: 4/16/15 15:05
Sample Collection END Date/Time: 4/16/15 15:10
Sample Received Date/Time: 4/21/15 11:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 198	198	1
Tetrachloroethene	**625**	31.9	1
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	< 10.7	10.7	1
Vinyl Chloride	< 12.8	12.8	1
4-bromofluorobenzene (surrogate)	92%		
Analysis Date/Time:	4-26-15/02:32		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140-OHM WAUWATOSA

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-280

Analytical Method: TO-15
Analytical Batch: 042515CAIR

Client Sample ID: 6140-SG-7D
Envision Sample Number: 15-1109
Sample Matrix: AIR

Sample Collection START Date/Time: 4/16/15 14:05
Sample Collection END Date/Time: 4/16/15 14:12
Sample Received Date/Time: 4/21/15 11:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 198	198	1
Tetrachloroethene	**1,480**	255	2
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	< 10.7	10.7	1
Vinyl Chloride	< 12.8	12.8	1
4-bromofluorobenzene (surrogate)	98%		
Analysis Date/Time:	4-26-15/03:08		
Analyst Initials	tjg		

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Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 042515CAIR

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
cis-1,2-Dichloroethene	< 5	5	
Tetrachloroethene	< 0.47	0.47	
trans-1,2-Dichloroethene	< 10	10	
Trichlorethene	< 0.2	0.2	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	91%		
Analysis Date/Time:	4-25-15/21:03		
Analyst Initials	tjg		

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Vinyl Chloride	10.1	9.92	10	101%	99%	1.8%	
trans-1,2-Dichloroethene	9.92	9.93	10	99%	99%	0.1%	
cis-1,2-Dichloroethene	9.99	9.63	10	100%	96%	3.7%	
Trichlorethene	9.14	9.89	10	91%	99%	7.9%	
Tetrachloroethene	10.4	11.2	10	104%	112%	7.4%	
4-bromofluorobenzene (surrogate)	99%	100%					
Analysis Date/Time:	4-25-15/19:10	4-25-15/20:26					
Analyst Initials	tjg	tjg					

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Flag Number	Comments
1	Reported value is from a 10x dilution. TJG 4-30-15
2	Reported value is from a 80x dilution. TJG 4-30-15

WAF EnvisionAir Proj#: 2015-280 Page 1 of 1

CHAIN OF CUSTODY RECORD

EnvisionAir | 1441 Sadlier Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-0885 | Fax: (317) 351-0882

Client: EnviroForensics	P.O. Number: 295289
Report Address: N16 W23350 Stone Ridge Dr. Waukesha WI 53188	Project Name or Number: 6140 OHM-Wauwatosa
Report To: W. Fassbender / K. Heimstead	Sampled by: K. Heimstead
Phone: 317-972-7870	QA/QC Required: (circle if applicable) Level III Level IV
Invoice Address:	Reporting Units needed: (circle) ug/m³ mg/m³ PPBV PPMV
Desired TAT: (Please Circle One) 1 day 2 days 3 days Std (5 bus. days)	Media type: 1LC = 1 Liter Canister, 6LC = 6 Liter Canister, TB = Tedlar Bag, TD = Thermal Desorption Tube

REQUESTED PARAMETERS

TO-15 Full List | TO-15 Short List

ENVISIONAIR

Sampling Type:
Soil-Gas: ☒
Sub-Slab: ☐
Indoor-Air: ☐

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Canister Pressure / Vacuum

Air Sample ID	Media Type (see code above)	Coll. Date (Grab/Comp Start)	Coll. Time (Grab/Comp Start)	Coll. Date (Comp. End)	Coll. Time (Comp. End)					Canister Serial #	Flow Controller Serial #	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
6140-SG-4S	1LC	4-16-15	920	4-16-15	925		X			2538	–	-25	-2	-2	15-1102
6140-SG-4d	1LC	4-16-15	1005	4-16-15	1010		X			2217	–	-25	-2	-2	15-1103
6140-SG-5S	1LC	4-16-15	1040	4-16-15	1046		X			83834	–	-30	-2	-2	15-1104
6140-SG-5d	1LC	4-16-15	1120	4-16-15	1126		X			2231	–	-29	-2	-2	15-1105
6140-SG-6S	1LC	4-16-15	1215	4-16-15	1220		X			83728	–	-30	-1.5	-1.5	15-1106
6140-SG-6d	1LC	4-16-15	1315	4-16-15	1321		X			2232	–	-30	-2	-1.5	15-1107
~~6140-SG-6S~~															
6140-SG-7S	1LC	4-16-15	1505	4-16-15	1510		X			83143	–	-28	-1.5	-1.5	15-1108
6140-SG-7d	1LC	4-16-15	1405	4-16-15	1412		X			83815	–	-28.5	-2	-2	15-1109

Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	4/20/15	11:00	[signature]	4-21-15	11:00

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Mr. W. Fassbender
Enviroforensics
N16 W. 23390 Stone Ridge Dr
Suite G
Waukesha, WI 53188

May 19, 2015

ENVision Project Number: 2015-303
Client Project Name: 6140.14e

Dear Mr. Fassbender,

Please find the attached analytical report for the samples received May 8, 2015. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

Feel free to contact me if you have any questions or comments regarding your analytical report or service.

Thank you for your business. EnvisionAir looks forward to working with you on your next project.

Yours Sincerely,

David Norris

Client Services Manager
EnvisionAir

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Client Name: ENVIROFORENSICS

Project ID: 6140.14E

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-303

Sample Summary

Canister Pressure / Vacuum

Laboratory Sample Number:	Sample Description:	Matrix:	START Date Collected:	START Time Collected:	End Date Collected:	End Time Collected:	Date Received:	Time Received	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)
15-1173	6140-1536-IA-B-1	A	5/5/15	8:56	5/6/15	8:28	5/8/15	11:00	-26.5	-1.5	-1.5
15-1174	6140-1536-IA-B-2	A	5/5/15	8:58	5/6/15	8:30	5/8/15	11:00	-28	-2.8	-3
15-1175	6140-1536-IA-1	A	5/5/15	9:04	5/6/15	8:31	5/8/15	11:00	-30	-3.2	-3
15-1176	6140-1536-OA	A	5/5/15	9:15	5/6/15	8:34	5/8/15	11:00	-30.5	-4.5	-4.5
15-1177	6140-6271-IA-B	A	5/5/15	10:01	5/6/15	9:05	5/8/15	11:00	-29.5	-3	-3
15-1178	6140-6271-IA-1	A	5/5/15	10:05	5/6/15	9:07	5/8/15	11:00	-29.5	-7.5	-7.5
15-1179	6140-6271-IA-2	A	5/5/15	10:08	5/6/15	9:08	5/8/15	11:00	-29	-6	-6
15-1180	6140-6271-OA	A	5/5/15	10:12	5/6/15	9:11	5/8/15	11:00	-29.5	-4.5	-4.5

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Client Name: ENVIROFORENSICS

Project ID: 6140.14E

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-303

Analytical Method: TO-15
Analytical Batch: 051215AIR

Client Sample ID: 6140-1536-IA-B-1

Envision Sample Number: 15-1173
Sample Matrix: AIR

Sample Collection START Date/Time: 5/5/15 8:56
Sample Collection END Date/Time: 5/6/15 8:28
Sample Received Date/Time: 5/8/15 11:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 19.8	19.8	
Tetrachloroethene	< 3.19	3.19	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichlorethene	< 1.07	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	93%		
Analysis Date/Time:	5-12-15/16:47		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140.14E

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-303

Analytical Method: TO-15
Analytical Batch: 051215AIR

Client Sample ID: 6140-1536-IA-B-2

Envision Sample Number: 15-1174
Sample Matrix: AIR

Sample Collection START Date/Time: 5/5/15 8:58
Sample Collection END Date/Time: 5/6/15 8:30
Sample Received Date/Time: 5/8/15 11:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 19.8	19.8	
Tetrachloroethene	< 3.19	3.19	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichlorethene	< 1.07	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	91%		
Analysis Date/Time:	5-12-15/20:36		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140.14E

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-303

Analytical Method: TO-15
Analytical Batch: 051415AIR

Client Sample ID: 6140-1536-IA-1

Envision Sample Number: 15-1175
Sample Matrix: AIR

Sample Collection START Date/Time: 5/5/15 9:04
Sample Collection END Date/Time: 5/6/15 8:31
Sample Received Date/Time: 5/8/15 11:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 19.8	19.8	
Tetrachloroethene	< 3.19	3.19	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichlorethene	< 1.07	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	122%		
Analysis Date/Time:	5-14-15/19:04		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140.14E

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-303

Analytical Method: TO-15
Analytical Batch: 051415AIR

Client Sample ID: 6140-1536-OA

Envision Sample Number: 15-1176
Sample Matrix: AIR

Sample Collection START Date/Time: 5/5/15 9:15
Sample Collection END Date/Time: 5/6/15 8:34
Sample Received Date/Time: 5/8/15 11:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 19.8	19.8	
Tetrachloroethene	< 3.19	3.19	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichlorethene	< 1.07	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	105%		
Analysis Date/Time:	5-14-15/17:47		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140.14E

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-303

Analytical Method: TO-15
Analytical Batch: 051415AIR

Client Sample ID: 6140-6271-IA-B

Envision Sample Number: 15-1177
Sample Matrix: AIR

Sample Collection START Date/Time: 5/5/15 10:01
Sample Collection END Date/Time: 5/6/15 9:05
Sample Received Date/Time: 5/8/15 11:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 19.8	19.8	
Tetrachloroethene	< 3.19	3.19	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichlorethene	< 1.07	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	100%		
Analysis Date/Time:	5-14-15/19:45		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140.14E

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-303

Analytical Method: TO-15
Analytical Batch: 051215AIR

Client Sample ID: 6140-6271-IA-1

Envision Sample Number: 15-1178
Sample Matrix: AIR

Sample Collection START Date/Time: 5/5/15 10:05
Sample Collection END Date/Time: 5/6/15 9:07
Sample Received Date/Time: 5/8/15 11:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 19.8	19.8	
Tetrachloroethene	< 3.19	3.19	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichlorethene	< 1.07	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	98%		
Analysis Date/Time:	5-12-15/21:54		
Analyst Initials	tjg		

EnvisionAir
1441 Sadlier Circle West Drive
Indianapolis, IN 46239
Ph: 317-351-0885
Fax: 317-351-0882
www.envision-air.com

Client Name: ENVIROFORENSICS

Project ID: 6140.14E

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-303

Analytical Method: TO-15
Analytical Batch: 051215AIR

Client Sample ID: 6140-6271-IA-2

Envision Sample Number: 15-1179
Sample Matrix: AIR

Sample Collection START Date/Time: 5/5/15 10:08
Sample Collection END Date/Time: 5/6/15 9:08
Sample Received Date/Time: 5/8/15 11:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 19.8	19.8	
Tetrachloroethene	< 3.19	3.19	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichlorethene	< 1.07	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	92%		
Analysis Date/Time:	5-12-15/22:34		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140.14E

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-303

Analytical Method: TO-15
Analytical Batch: 051215AIR

Client Sample ID: 6140-6271-OA

Envision Sample Number: 15-1180
Sample Matrix: AIR

Sample Collection START Date/Time: 5/5/15 10:12
Sample Collection END Date/Time: 5/6/15 9:11
Sample Received Date/Time: 5/8/15 11:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 19.8	19.8	
Tetrachloroethene	< 3.19	3.19	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichlorethene	< 1.07	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	100%		
Analysis Date/Time:	5-12-15/12:48		
Analyst Initials	tjg		

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Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 051215AIR

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
cis-1,2-Dichloroethene	< 5	5	
Tetrachloroethene	< 0.47	0.47	
trans-1,2-Dichloroethene	< 10	10	
Trichlorethene	< 0.2	0.2	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	91%		
Analysis Date/Time:	5-12-15/12:12		
Analyst Initials	tjg		

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Vinyl Chloride	10.5	11.4	10	105%	114%	8.2%	
trans-1,2-Dichloroethene	8.15	9.04	10	82%	90%	10.4%	
cis-1,2-Dichloroethene	8.82	9.85	10	88%	99%	11.0%	
Trichlorethene	9.99	9.86	10	100%	99%	1.3%	
Tetrachloroethene	10	9.52	10	100%	95%	4.9%	
Hexachloro-1,3-butadiene	9.43	9.45	10	94%	95%	0.2%	
4-bromofluorobenzene (surrogate)	99%	99%					
Analysis Date/Time:	5-12-15/10:23	5-12-15/11:01					
Analyst Initials	tjg	tjg					

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Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 051215AIR

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
cis-1,2-Dichloroethene	< 5	5	
Tetrachloroethene	< 0.47	0.47	
trans-1,2-Dichloroethene	< 10	10	
Trichlorethene	< 0.2	0.2	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	112%		
Analysis Date/Time:	5-14-15/13:51		
Analyst Initials	tjg		

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Vinyl Chloride	11.1	10.7	10	111%	107%	3.7%	
trans-1,2-Dichloroethene	8.77	9.28	10	88%	93%	5.7%	
cis-1,2-Dichloroethene	9.33	8.79	10	93%	88%	6.0%	
Trichlorethene	9.53	8.74	10	95%	87%	8.6%	
Tetrachloroethene	9.19	8.73	10	92%	87%	5.1%	
4-bromofluorobenzene (surrogate)	100%	100%					
Analysis Date/Time:	5-14-15/12:00	5-14-15/12:41					
Analyst Initials	tjg	tjg					

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Flag Number	Comments
1	Reporting limit is supported by MDL. TJG

EnvisionAir Proj#: 2015.303 Page 1 of 1

CHAIN OF CUSTODY RECORD WAF

EnvisionAir | 1441 Sadlier Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-0885 | Fax: (317) 351-0882

Client: Enviroforensics	P.O. Number: 2015367
Report Address: N16 W23390 Stone Ridge Dr Suite G Waukesha, WI 53188	Project Name or Number: 6140.14e
Report To: W. Fassbender	Sampled by: K. Vanderheiden
Phone: 262.290.4001	QA/QC Required: (circle if applicable) Level III (Level IV)
Invoice Address: Same as above	Reporting Units needed: (circle) (ug/m³) mg/m³ PPBV PPMV
Desired TAT: (Please Circle One) 1 day 2 days 3 days Std (5 bus. days)	Media type: 1LC = 1 Liter Canister, 6LC = 6 Liter Canister, TB = Tedlar Bag, TD = Thermal Desorption Tube

REQUESTED PARAMETERS

TO-15 Full List | TO-15 Short List

ENVISIONAIR

Sampling Type:
Soil-Gas: ☐
Sub-Slab: ☐
Indoor-Air: ☒

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Canister Pressure / Vacuum

Air Sample ID	Media Type (see code above)	Coll. Date (Grab/Comp Start)	Coll. Time (Grab/Comp Start)	Coll. Date (Comp. End)	Coll. Time (Comp. End)					Canister Serial #	Flow Controller Serial #	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
6140-1536-IA-B-1	6LC	5/5	0856	5/6	0828		X			14948	07438	-26.5	-1.5	-1.5	15-1173
6140-1536-IA-B-2	6LC	5/5	0858	5/6	0830		X			16025	05721	-28	-2.8	-3.0	15-1174
6140-1536-IA-1	6LC	5/5	0904	5/6	0831		X			91548	07441	-30	-3.2	-3.0	15-1175
6140-1536-OA	6LC	5/5	0915	5/6	0834		X			91566	04147	-30.5	-4.5	-4.5	15-1176
6140-6271-IA-B	6LC	5/5	1001	5/6	0905		X			14124	07255	-29.5	-3	-3	15-1177
6140-6271-IA-1	6LC	5/5	1005	5/6	0907		X			91570	07439	-29.5	-7.5	-7.5	15-1178
6140-6271-IA-2	6LC	5/5	1008	5/6	0908		X			16332	05714	-29	-6	-6	15-1179
6140-6271-OA	6LC	5/5	1012	5/6	0911		X			4651	07617	-29.5	-4.5	-4.5	15-1180

Comments: PO# 2015367

Relinquished by:	Date	Time	Received by:	Date	Time
	5/6/15	1622		5-8-15	11:00

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Ph: 317-351-0885
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Mr. W. Fassbender
Enviroforensics
N16 W. 23390 Stone Ridge Dr
Suite G
Waukesha, WI 53188

May 20, 2015

ENVision Project Number: 2015-302
Client Project Name: 6140.14e

Dear Mr. Fassbender,

Please find the attached analytical report for the samples received May 8, 2015. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

Feel free to contact me if you have any questions or comments regarding your analytical report or service.

Thank you for your business. EnvisionAir looks forward to working with you on your next project.

Yours Sincerely,

David Norris

Client Services Manager
EnvisionAir

EnvisionAir
1441 Sadlier Circle West Drive
Indianapolis, IN 46239
Ph: 317-351-0885
Fax: 317-351-0882
www.envision-air.com

Client Name: ENVIROFORENSICS

Project ID: 6140.14E

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-302

Sample Summary

Canister Pressure / Vacuum

Laboratory Sample Number:	Sample Description:	Matrix:	START Date Collected:	START Time Collected:	End Date Collected:	End Time Collected:	Date Received:	Time Received	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)
15-1168	6140-1536-SSV-1	A	5/6/15	12:30	5/6/15	12:35	5/8/15	11:00	-27.5	-1.8	-2
15-1169	6140-1536-SSV-2	A	5/6/15	11:10	5/6/15	11:16	5/8/15	11:00	-30	-2	-2
15-1170	6140-1536-SSV-3	A	5/6/15	11:47	5/6/15	11:52	5/8/15	11:00	-28.5	-2	-2
15-1171	6140-6271-SS-1	A	5/6/15	9:48	5/6/15	9:59	5/8/15	11:00	-28	-2	-2
15-1172	6140-6271-SS-2	A	5/6/15	9:36	5/6/15	9:42	5/8/15	11:00	-27	-2	-2

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Client Name: ENVIROFORENSICS

Project ID: 6140.14E

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-302

Analytical Method: TO-15
Analytical Batch: 051415AIR

Client Sample ID: 6140-1536-SSV-1
Envision Sample Number: 15-1168
Sample Matrix: AIR

Sample Collection START Date/Time: 5/6/15 12:30
Sample Collection END Date/Time: 5/6/15 12:35
Sample Received Date/Time: 5/8/15 11:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 198	198	1
Tetrachloroethene	**3,800**	128	2
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	< 10.7	10.7	1
Vinyl Chloride	< 12.8	12.8	1
4-bromofluorobenzene (surrogate)	101%		
Analysis Date/Time:	5-14-15/22:55		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140.14E

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-302

Analytical Method: TO-15
Analytical Batch: 051415AIR

Client Sample ID: 6140-1536-SSV-2
Envision Sample Number: 15-1169
Sample Matrix: AIR

Sample Collection START Date/Time: 5/6/15 11:10
Sample Collection END Date/Time: 5/6/15 11:16
Sample Received Date/Time: 5/8/15 11:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 198	198	1
Tetrachloroethene	**157**	31.9	1
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	< 10.7	10.7	1
Vinyl Chloride	< 12.8	12.8	1
4-bromofluorobenzene (surrogate)	97%		
Analysis Date/Time:	5-14-15/23:32		
Analyst Initials	tjg		

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Client Name: ENVIROFORENSICS

Project ID: 6140.14E

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-302

Analytical Method: TO-15
Analytical Batch: 051415AIR

Client Sample ID: 6140-1536-SSV-3
Envision Sample Number: 15-1170
Sample Matrix: AIR

Sample Collection START Date/Time: 5/6/15 11:47
Sample Collection END Date/Time: 5/6/15 11:52
Sample Received Date/Time: 5/8/15 11:00

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 198	198	1
Tetrachloroethene	**157**	31.9	1
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	< 10.7	10.7	1
Vinyl Chloride	< 12.8	12.8	1
4-bromofluorobenzene (surrogate)	98%		
Analysis Date/Time:	5-15-15/00:09		
Analyst Initials	tjg		

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Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 051415AIR

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
cis-1,2-Dichloroethene	< 5	5	
Tetrachloroethene	< 0.47	0.47	
trans-1,2-Dichloroethene	< 10	10	
Trichlorethene	< 0.2	0.2	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	112%		
Analysis Date/Time:	5-14-15/13:51		
Analyst Initials	tjg		

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Vinyl Chloride	11.1	10.7	10	111%	107%	3.7%	
trans-1,2-Dichloroethene	8.77	9.28	10	88%	93%	5.7%	
cis-1,2-Dichloroethene	9.33	8.79	10	93%	88%	6.0%	
Trichlorethene	9.53	8.74	10	95%	87%	8.6%	
Tetrachloroethene	9.19	8.73	10	92%	87%	5.1%	
4-bromofluorobenzene (surrogate)	100%	100%					
Analysis Date/Time:	5-14-15/12:00	5-14-15/12:41					
Analyst Initials	tjg	tjg					

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Flag Number	Comments
1	Reported value is from a 10x dilution. TJG 5-20-15
2	Reported value is from a 40x dilution. TJG 5-20-15

EnvisionAir Proj#: 2015-302 Page 1 of 1

CHAIN OF CUSTODY RECORD WAF

EnvisionAir | 1441 Sadlier Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-0885 | Fax: (317) 351-0882

Client: Enviroforensics	P.O. Number: 2015367
Report to Address: Suite Waukesha, WI 53188	Project Name or Number: 6140.14e
Report To: W. Fassbender	Sampled by: K. VanderHeiden
Phone: 262.290.4031	QA/QC Required: (circle if applicable) Level III Level IV
Invoice Address: same as above	Reporting Units needed: (circle) ug/m³ mg/m³ PPBV PPMV
Desired TAT: (Please Circle One) 1 day 2 days 3 days Std (5 bus. days)	Media type: 1LC = 1 Liter Canister, 6LC = 6 Liter Canister, TB = Tedlar Bag, TD = Thermal Desorption Tube

REQUESTED PARAMETERS

TO-15 Full List | TO-15 Short List

ENVISIONAIR

Sampling Type:
Soil-Gas: ☐
Sub-Slab: ☒
Indoor-Air: ☐

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Canister Pressure / Vacuum

Air Sample ID	Media Type (see code above)	Coll. Date (Grab/Comp Start)	Coll. Time (Grab/Comp Start)	Coll. Date (Comp. End)	Coll. Time (Comp. End)					Canister Serial #	Flow Controller Serial #	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
6140-1536-SSV1	1LC	5/6	1230	5/6	1235		X			83734	83734	-27.5	-1.8	-2	15-1148
6140-1536-SSV2	1LC	5/6	1110	5/6	1116		X			83840	N/A	-30	-2	-2	15-1169
6140-1536-SSV3	1LC	5/6	1147	5/6	1152		X			83924	N/A	-28.5	-2	-2	15-1170
6140-6271-SS-1	1LC	5/6	0948	5/6	0959		X			2540	N/A	-28	-2	-2	15-1171
6140-6271-SS-2	1LC	5/6	0936	5/6	0942		X			2235	N/A	-27	-2	-2	15-1172

Comments: SS are NOT FIVES

PO# 2015367

Relinquished by:	Date	Time	Received by:	Date	Time
	5/6/15	1628		5-8-15	11.0

EnvisionAir
1441 Sadlier Circle West Drive
Indianapolis, IN 46239
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Mr. W. Fassbender
Enviroforensics
N16 W. 23390 Stone Ridge Dr
Suite G
Waukesha, WI 53188

June 3, 2015

ENVision Project Number: 2015-315
Client Project Name: 6140

Dear Mr. Fassbender,

Please find the attached analytical report for the samples received May 22, 2015. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

Feel free to contact me if you have any questions or comments regarding your analytical report or service.

Thank you for your business. EnvisionAir looks forward to working with you on your next project.

Yours Sincerely,

David Norris

Client Services Manager
EnvisionAir

EnvisionAir
1441 Sadlier Circle West Drive
Indianapolis, IN 46239
Ph: 317-351-0885
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www.envision-air.com

Client Name: ENVIROFORENSICS

Project ID: 6140

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-315

Sample Summary

									Canister Pressure / Vacuum		
Laboratory Sample Number:	Sample Description:	Matrix:	START Date Collected:	START Time Collected:	End Date Collected:	End Time Collected:	Date Received:	Time Received	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)
15-1212	6140-OHM-SSV-1	A	5/19/15	13:58	5/19/15	14:03	5/22/15	11:30	-28.5	-2	-2
15-1213	6140-OHM-SSV-2	A	5/19/15	14:23	5/19/15	14:28	5/22/15	11:30	-27.5	-2	-2
15-1214	6140-IA-1	A	5/18/15	13:12	5/19/15	13:12	5/22/15	11:30	-29	0	0
15-1215	6140-OA-1	A	5/18/15	13:09	5/19/15	13:09	5/22/15	11:30	-25	0	0

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Client Name: ENVIROFORENSICS

Project ID: 6140

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-315

Analytical Method: TO-15
Analytical Batch: 052715AIR(2)

Client Sample ID: 6140-OHM-SSV-1
Envision Sample Number: 15-1212
Sample Matrix: AIR

Sample Collection START Date/Time: 5/19/15 13:58
Sample Collection END Date/Time: 5/19/15 14:03
Sample Received Date/Time: 5/22/15 11:30

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 198	198	1
Tetrachloroethene	**1,220**	31.9	1
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	< 10.7	10.7	1
Vinyl Chloride	< 12.8	12.8	1
4-bromofluorobenzene (surrogate)	84%		
Analysis Date/Time:	5-28-15/08:38		
Analyst Initials	tjg		

EnvisionAir
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Client Name: ENVIROFORENSICS

Project ID: 6140

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-315

Analytical Method: TO-15
Analytical Batch: 052715AIR

Client Sample ID: 6140-OHM-SSV-2
Envision Sample Number: 15-1213
Sample Matrix: AIR

Sample Collection START Date/Time: 5/19/15 14:23
Sample Collection END Date/Time: 5/19/15 14:28
Sample Received Date/Time: 5/22/15 11:30

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 198	198	1
Tetrachloroethene	**20,600**	638	3
trans-1,2-Dichloroethene	< 396	396	1
Trichlorethene	**26.3**	10.7	1
Vinyl Chloride	< 12.8	12.8	1
4-bromofluorobenzene (surrogate)	85%		
Analysis Date/Time:	5-28-15/09:16		
Analyst Initials	tjg		

EnvisionAir
1441 Sadlier Circle West Drive
Indianapolis, IN 46239
Ph: 317-351-0885
Fax: 317-351-0882
www.envision-air.com

Client Name: ENVIROFORENSICS

Project ID: 6140

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-315

Analytical Method: TO-15
Analytical Batch: 052715AIR(1)

Client Sample ID: 6140-IA-1

Envision Sample Number: 15-1214
Sample Matrix: AIR

Sample Collection START Date/Time: 5/18/15 13:12
Sample Collection END Date/Time: 5/19/15 13:12
Sample Received Date/Time: 5/22/15 11:30

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 19.8	19.8	
Tetrachloroethene	**1,310**	63.8	2
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichlorethene	< 1.07	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	111%		
Analysis Date/Time:	5-27-15/19:08		
Analyst Initials	tjg		

EnvisionAir
1441 Sadlier Circle West Drive
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Client Name: ENVIROFORENSICS

Project ID: 6140

Client Project Manager: W. FASSBENDER

EnvisionAir Project Number: 2015-315

Analytical Method: TO-15
Analytical Batch: 052715AIR(1)

Client Sample ID: 6140-OA-1
Envision Sample Number: 15-1215
Sample Matrix: AIR

Sample Collection START Date/Time: 5/18/15 13:09
Sample Collection END Date/Time: 5/19/15 13:09
Sample Received Date/Time: 5/22/15 11:30

Compounds	Sample Results ug/m³	Reporting Limit ug/m³	Flag
cis-1,2-Dichloroethene	< 19.8	19.8	
Tetrachloroethene	< 3.19	3.19	
trans-1,2-Dichloroethene	< 39.6	39.6	
Trichlorethene	< 1.07	1.07	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	104%		
Analysis Date/Time:	5-27-15/15:54		
Analyst Initials	tjg		

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Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 052715AIR(1)

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
cis-1,2-Dichloroethene	< 5	5	
Tetrachloroethene	< 0.47	0.47	
trans-1,2-Dichloroethene	< 10	10	
Trichlorethene	< 0.2	0.2	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	106%		
Analysis Date/Time:	5-27-15/12:39		
Analyst Initials	tjg		

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Vinyl Chloride	9.05	8.57	10	91%	86%	5.4%	
trans-1,2-Dichloroethene	10.1	9.63	10	101%	96%	4.8%	
cis-1,2-Dichloroethene	9.72	9.18	10	97%	92%	5.7%	
Trichlorethene	9.24	10.1	10	92%	101%	8.9%	
Tetrachloroethene	10.5	11.1	10	105%	111%	5.6%	
4-bromofluorobenzene (surrogate)	99%	99%					
Analysis Date/Time:	5-27-15/11:22	5-27-15/12:03					
Analyst Initials	tjg	tjg					

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Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 052715AIR(2)

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
cis-1,2-Dichloroethene	< 5	5	
Tetrachloroethene	< 0.47	0.47	
trans-1,2-Dichloroethene	< 10	10	
Trichlorethene	< 0.2	0.2	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	92%		
Analysis Date/Time:	5-28-15/00:17		
Analyst Initials	tjg		

LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	LCS/D Conc(ppbv)	LCS Rec.	LCSD Rec.	RPD	Flag
Vinyl Chloride	9.33	10.2	10	93%	102%	8.9%	
trans-1,2-Dichloroethene	10	10.8	10	100%	108%	7.7%	
cis-1,2-Dichloroethene	10.3	11	10	103%	110%	6.6%	
Trichlorethene	10.2	10.5	10	102%	105%	2.9%	
Tetrachloroethene	10.7	11.3	10	107%	113%	5.5%	
4-bromofluorobenzene (surrogate)	92%	94%					
Analysis Date/Time:	5-27-15/23:00	5-27-15/23:42					
Analyst Initials	tjg	tjg					

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Flag Number	Comments
1	Reported value is from a 10x dilution. TJG 6-3-15
2	Reported value is from a 20x dilution. TJG 6-3-15
3	Reported value is from a 200x dilution. TJG 6-3-15

EnvisionAir Proj#: 2015-315 Page 1 of 1

CHAIN OF CUSTODY RECORD WAF

EnvisionAir | 1437 Sadlier Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-0885 | Fax: (317) 351-0882

Client: EnviroForensics	P.O. Number: 2015437
Report Address: N16 W23390 Stone Ridge Dr Suite F Waukesha, WI 53188	Project Name or Number: 6140
Report To: W. Fassbender	Sampled by: K. VanderHeide
Phone: 317 972 7870	QA/QC Required: (circle if applicable) Level III Level IV ← For IA + OA
Invoice Address: Same as above	Reporting Units needed: (circle) ug/m³ mg/m³ PPBV PPMV
Desired TAT: (Please Circle One) 1 day 2 days 3 days Std (5 bus. days)	Media type: 1LC = 1 Liter Canister, 6LC = 6 Liter Canister, TB = Tedlar Bag, TD = Thermal Desorption Tube

REQUESTED PARAMETERS

TO-15 Full List | TO-15 Short List

Sampling Type:
Soil-Gas: ☐
Sub-Slab: ☒
Indoor-Air: ☒

breathe easy ★★★★ ENVISIONAIR quality air analysis

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Canister Pressure / Vacuum

Air Sample ID	Media Type (see code above)	Coll. Date (Grab/Comp Start)	Coll. Time (Grab/Comp Start)	Coll. Date (Comp. End)	Coll. Time (Comp. End)					Canister Serial #	Flow Controller Serial #	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
6140-OHM-SSV-1	1LC	5/19	1358	5/19	1403		x			2208	NA	-28.5	-2	-2	15-1212
6140-OHM-SSV-2	1LC	5/19	1423	5/19	1428		x			2217	NA	-27.5	-2	-2	1213
6140-IA-1	6LC	5/18	1312	5/19	1312		x			10347	07310	-29	0	0	1214
6140-OA-1	6LC	5/18	1309	5/19	1309		x			11068	04143	-25	0	0	1215

Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
	5/21	1341		5/22/15	11:30