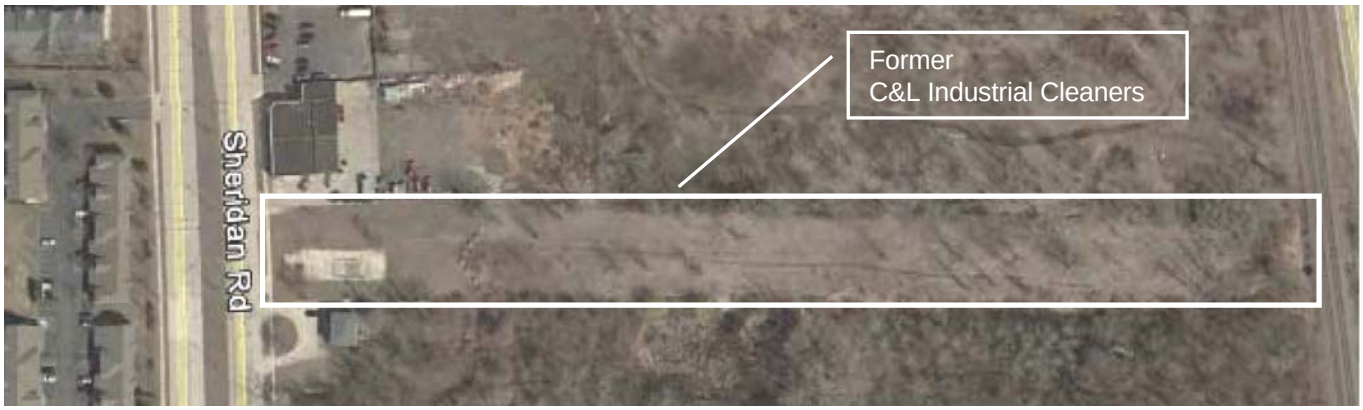
AECOM Environment

Prepared for:
WDNR
Madison, WI

Prepared by:
AECOM
Milwaukee, WI
60289643
June 2013

C&L Industrial Cleaners-Kenosha, WI
Site Condition Update

WDNR File ID #230011650, BRRTS #0230379474



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July 24, 2013

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Ms. Shanna Laube-Anderson
Wisconsin Department of Natural Resources Sturtevant Services Center
9531 Rayne Road, Suite 4
Sturtevant, WI 53177

Subject: Site Condition Update of the Former C&L Industrial Cleaners Property, Located at 8927 Sheridan Road, Kenosha, Wisconsin – AECOM Project No. 60289643

Dear Ms. Soyer & Ms. Laube-Anderson:

AECOM has completed an assessment of the current site conditions for the above-referenced property. The objective of the assessment of current site conditions was to evaluate groundwater conditions and subsurface vapor conditions for comparison to the 2007 Site Investigation results as request by John Feeney of the WDNR in a letter dated October 25, 2012.

The following report provides a summary of the site condition assessment.

Thank you for the opportunity to assist you with this project. Please contact us if you have any questions or comments regarding the information presented herein.

Yours sincerely,

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cc: Ms. Shelly Billingsley, City Engineer, City of Kenosha

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Executive Summary

AECOM was retained by the Wisconsin Department of Natural Resources (Client) to conduct assessment activities at the former C & L Industrial Cleaners site (C&L) in Kenosha, Wisconsin and to respond to the WDNR's request for a site condition update. The WDNR letter dated October 25, 2012 requested the following activities:

- *Install a source area and a downgradient piezometer to be sampled for VOCs.*
- *Make a hazardous waste determination on the soil to be excavated for remedial purposes.*
- *Measure current groundwater elevations in the monitoring wells and submit an updated groundwater flow map.*
- *Do a current sampling round of the monitoring wells*.
- *Further evaluate the potential for vapor intrusion into the on-site residence by means of soil gas or sub-slab sampling*.
- *Submit a brief update a brief update to the remedial action plan based on current conditions.*

The C&L address is 8927 Sheridan Road with Tax Parcel ID #06-123-18-426-005**.** The property is bordered by Sheridan Road on the west, railroad right-of-way to the east, a commercial property to the north and a residential duplex to the south. The C&L site covers a total area of approximately 3 acres and is currently undeveloped except for the former building foundation slab which was retained to act as a cap over impacted soil and groundwater. Operations conducted historically at the C&L site included barrel manufacturing as well as industrial cleaning operations. The former building at the C&L site had trenches in the concrete floor which were interconnected and fed to one larger and deeper trench which was plumbed for discharge to the sanitary sewer. These trenches were consistent with a large scale commercial washing (water-based) operation. While direct evidence of solvent-based cleaning was not identified at the C&L site; it is likely that the commercial operation included the washing of solvent-laden rags.

One source area piezometer existed at MW-5P. Thus, two downgradient piezometers were installed. Piezometer PZ-4 was installed adjacent to monitoring well MW-4. Piezometer PZ-20 was installed adjacent to monitoring wells MW-20. Soil samples collected from the piezometer borings were analyzed for VOCs and PCE was detected at similar concentrations to the adjacent monitoring wells. Groundwater flow in the piezometers confirmed that the deeper flow on the west side of the site is toward the southwest.

Two soil borings were advanced within the area proposed for excavation. One composite soil sample was analyzed for waste characterization parameters. The soil sample is not a hazardous waste based on the characteristics analysis.

Updated groundwater flow maps depict a similar flow pattern to that presented in the *Supplemental Site Investigation and Remedial Action Options Report* (STS, 2007). Groundwater on the eastern 2/3 of the site flow east-southeast. Groundwater on the western 1/3 of the site flow west-southwest.

A groundwater sampling event for VOCs and field-measured parameters was conducted. Groundwater concentrations were similar in magnitude to those observed previously. Groundwater impact was not observed in the off-site wells to the west or the south (on the residential property).

Four vapor probes were installed on the eastern property line between the impacted soil and the residence. PCE was detected in the soil vapors. The highest concentration was detected in the vapor probe (VP-1) furthest away from the residence. The PCE concentration in the other three vapor probes was one to two orders of magnitude less than VP-1. The PCE concentration in VP-1 exceeds the screening level, but the concentration in the other three probes does not exceed the screening level.

The remedial plan remains viable, although a larger area of excavation may be considered depending upon a redevelopment plan for the site. Currently, there are no immediate redevelopment plans for the C&L site.

1.0 Introduction

1.1 Purpose

AECOM was retained by the Wisconsin Department of Natural Resources (Client) to conduct assessment activities at the former C & L Industrial Cleaners site (C&L) in Kenosha, Wisconsin and to respond to the WDNR's request for a site condition update. The property location is depicted in Figure 1. The assessment activities were conducted on behalf of the Client under the Wisconsin Plant Recovery Initiative (WPRI) Assessment Monies (WAM) Contractor Services Award Program.

The purpose of the assessment activities was to perform the work recommended by the WDNR after a review of the Site Investigation/Remedial Action Options Report (STS 2007). The WDNR letter dated October 25, 2012 requested the following activities:

- *Install a source area and a downgradient piezometer to be sampled for VOCs.*
- *Make a hazardous waste determination on the soil to be excavated for remedial purposes.*
- *Measure current groundwater elevations in the monitoring wells and submit an updated groundwater flow map.*
- *Do a current sampling round of the monitoring wells*.
- *Further evaluate the potential for vapor intrusion into the on-site residence by means of soil gas or sub-slab sampling*.
- *Submit a brief update to the remedial action plan based on current conditions.*

AECOM notes that piezometer MW-5P is generally located within the source area.

1.2 Site Location and Project Background

The C&L site is described as being located in the Northwest ¼ of the Southeast ¼ of Section 18, Township 1 North, Range 23 East. The C&L address is 8927 Sheridan Road with Tax Parcel ID #06-123-18-426-005. The property is bordered by Sheridan Road on the west, railroad right-of-way to the east, a commercial property to the north and a residential duplex to the south. The C&L site covers a total area of approximately 3 acres and is currently undeveloped except for the former building foundation slab on the west end of the property which was retained to act as a cap over impacted soil and groundwater. The eastern portion of the property decreases in elevation toward the railroad ROW which is elevated on a berm. To the south of the eastern ½ of the property are vegetated wetlands that are partially inundated for most of the year. The properties surrounding the C&L site are a mix of commercial, industrial and residential use. Physical features of the C&L site are depicted on Figure 2.

Operations conducted historically at the C&L site included BBL Barrel Company in 1998 as well as C&L Industrial Cleaners operating from 1967 to 1997. The former building at the C&L site had trenches in the concrete floor which were interconnected and fed to one larger and deeper trench which was plumbed for discharge to the sanitary sewer. These trenches were consistent with a large scale commercial washing (water-based) operation. While direct evidence of solvent-based cleaning was not identified at the C&L site; it is likely that the commercial operation included the washing of solvent-laden rags.

Prior work conducted at the C&L site included in chronological order:

- A Phase I ESA conducted by STS Consultants under a U.S. EPA Brownfields Pilot Grant in 2001;
- A Phase II ESA conducted by STS Consultants under a U.S. EPA Brownfields Pilot Grant in 2002;
- A removal action conducted by the U.S. EPA under their Superfund Technical Assessment and Response Team (START) program in 2003;
- Demolition of the C&L site building under SAG Grant # SAG-079 in 2003;
- A Targeted Brownfield Assessment conducted by the U.S. EPA's START contractor TN & Associates (TN&A) in 2004; and
- An NR 716 Site Investigation conducted by STS Consultants for the City of Kenosha, Department of City Development under a SAG Grant # SAG-197 in 2005.
- Supplemental Site Investigation and Remedial Action Options Plan conducted and prepared by STS Consultants for the City of Kenosha, Department of City Development in 2007.

The STS Phase II ESA identified soil and groundwater subsurface impacts at the C&L site consistent with historic site uses. Groundwater data collected for the Phase II ESA are included on tables presented in this report. The sample locations are depicted on Figure 2, Site Layout and Sample Locations diagram.

The 2003 removal action conducted by the US EPA's START program contractor addressed wastes which remained at the C&L site. Sludges were removed from the commercial washing machine discharge pits located inside the building. The pits were emptied, cleaned and the waste materials were disposed as hazardous wastes due to elevated concentrations of metals and chlorinated volatile organic compounds (VOCs). At the same time, drums of non-hazardous solid waste and investigative waste soil from the Phase II ESA were also removed and disposed. Written documentation of the removal action is unavailable from US EPA.

The C&L site buildings were demolished later in 2003 under a Wisconsin Department of Natural Resources (WDNR) SAG awarded to the City of Kenosha.

A Targeted Brownfield Assessment (TBA) was conducted under the US EPA's START program by TN&A in late 2003 after building demolition. The additional assessment included advancing 14 soil probes and installing three groundwater monitoring wells for the collection of soil and groundwater samples. This work was documented in a report prepared by TN&A dated August 2004. The groundwater data from this report are provided on the results tables included with this report.

The 2005 NR 716 Site Investigation concluded the following;

- Surface and subsurface impacts by PAHs have been identified at the C&L site. The concentrations of PAHs have been calculated to be lower than the level which would constitute a risk to human health. Groundwater analysis indicated that PAHs were not a threat to groundwater. No further assessment of PAHs was proposed nor conducted in the supplemental investigation.
- Metals were also detected in the soil, but at background concentrations typical for Wisconsin soil. No further assessment of metals was proposed nor conducted in the supplemental site investigation.
- Near surface and subsurface impacts by chlorinated VOCs are generally diffuse and widespread, although four areas were identified as potential soil source areas where much higher concentrations of chlorinated VOCs are present. The evaluation and selection of remedial options for the C&L site require that the extent of soil impacts and the volume of the most-impacted soil be established. Additional investigation was recommended to obtain this information.
- Groundwater impacts across the C&L site do not appear to be related to a single source. The groundwater plume on the west side of the former building appears to extend westward, possibly along a sanitary sewer lateral. Groundwater impacts east of the former building location are

tetrachloroethene and degradation compounds derived from tetrachloroethene and the plume extends east-southeastward.

- On-site impacts have been somewhat defined, but require further definition of the extent of soil impacts is necessary before comparing the cost of various remedial options.
- Off-site impacts to soil and groundwater need to be evaluated before evaluating remedial options. A potential for vapor impacts by vinyl chloride to the adjacent residence must also be evaluated.

The 2007 Supplement Site Investigation concluded the following:

- The primary VOC impact to the soil is tetrachloroethene (PCE). Four potential source areas on the western third of the site were Identified as:
    - Area 1 encompassing MW-4, MW-5, MW-5P and MW-20;
    - Area 2 along the southwest property boundary including monitoring well B-3;
    - Area 3 along the northern property boundary near MW-1; and
    - Area 4 south of area three encompassing monitoring wells B-6 and MW-6.

  The highest concentrations occurred in Area 1 with lesser concentrations identified in Area 3 at the northern fence line and Area 4 at the east end of the building portion (western third) of the property. See Appendix A, Figure A-1.
- PCE, TCE, cisDCE, vinyl chloride and nickel were detected in groundwater samples above either the PAL or ES. PCE detected in groundwater appears to be primarily related to the two sources in Area 1 (G-1, and GP-23 to GP-101-see Appendix Figure A-1) on the western portion of the C&L site. Some of the detected concentrations in groundwater in this area are 2,000 to 4,000 times the ES. The PCE concentrations in groundwater appear to have an increasing trend based on three sampling events.

  Groundwater impacts east of the former building are primarily degradation compounds associated with PCE. The concentration of these lesser chlorinated VOCs (e.g. cisDCE and vinyl chloride) are showing a decreasing trend. This decreasing trend implies that, as the PCE migrates from the unsaturated soil to the groundwater, natural attenuation processes break down the PCE and that further degradation continues within the groundwater.

  Nickel was detected in the groundwater at most of the monitoring wells, but only one well, MW-24, had nickel concentrations above the ES. With one exception, nickel was not identified above background concentrations in the soil. The detection of nickel in the groundwater is likely associated with the historic cleaning operations and concentration trends in wells with four sample events indicated decreasing concentrations.
- Evaluation of off-site impacts was limited to two monitoring wells (west and south) because owners on the adjacent parcels to the north and southeast refused the City access to their sites. The monitoring well to the west was installed in the Sheridan Road boulevard. The second monitoring well was installed on the neighboring residence to the south. Groundwater impacts were not observed in either of these off-site monitoring wells.

Remedial Action Options proposed in the 2007 report:

- The PCE concentrations present in near-surface soil in Areas 1 and 3 comprise more than 1,600 cubic yards of soils with PCE greater than 1,000 micrograms per kilogram and the isoconcentrations are depicted in Figure A-2. The PCE concentrations represent a direct contact exposure threat and a continued source of impact to groundwater. Based on the data available at this time, these areas warrant remedial action to mitigate risks. Vadose-zone soils present on the remaining portions of the C&L site likely do not require specific action unless the property is to be used for non-industrial purposes.

- The concentration of PCE in the vadose zone soils (0 to 8 feet bgs) was summed and contoured. The contours were based on order of magnitude. Soil excavation and disposal is recommended for the soil areas with PCE concentrations greater than 100,000 ug/kg because these soils are more than twice the industrial direct contact RCL and four orders of magnitude greater than the soil to groundwater path RCL. Excavation of these source soils is necessary to prevent exacerbation of the groundwater impacts identified on the western portion of the C&L site.
- Similarly, groundwater remediation on the western portion of the C&L site is recommended to immediately address the highest area of groundwater contamination.
- Finally, placement of a direct contact and infiltration barrier on the remaining areas with soil PCE concentrations greater than1,000 ug/kg will limit both direct contact and lower infiltration through the contaminant mass. Long term monitoring will be required following the placement of a barrier.

1.3 Investigation Participants

The following parties are participants in this site investigation.

- **Property Owner:**
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- **Analytical Laboratory:**
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  920-469-2436
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  Sun Prairie, WI 53590
  Contact: Kim Kapugi
  608-837-8992

1.4 Physical Setting

The 7.5-Minute topographic map of the Kenosha, Wisconsin Quadrangle (dated 1958, photo revised 1971) shows the parcel and vicinity features including the area topography and surface water features. Lake Michigan is located approximately 0.5 miles east of the C&L site. The closest river to the C&L site is Barnes Creek. Barnes Creek is located approximately 0.5 miles southwest of the C&L site.

The native surface soils in the vicinity of the C&L site consist of the Boyer-Granby Association. The Boyer-Granby Association consists of well drained to very poorly drained soils that have a loam to sand subsoil. The Boyer-Granby Association is underlain by sandy glacial outwash on ridges and knobs and in drainageways and depressions (USDA Soil Conservation Service, 1970). Specifically, the western portion of the C&L site is mapped as loamy sand and the eastern portion of the C&L site is mapped as fine sandy loam.

Glacial till deposits found below the surface soils in the subject vicinity are mapped as the Pleistocene Age Oak Creek Formation (Mickelson, 1984). The glacial ice of the Lake Michigan lobe deposited the till of the Oak Creek Formation. The Oak Creek Formation consists of fine-grained glacial till, lacustrine clay, silt, sand, and some glaciofluvial sand and gravel. The underlying bedrock is the Silurian Niagara Dolomite. Bedrock is anticipated to be between 50 and 100 feet below ground surface (Trotta and Cotter, 1973).

Based on the soil samples collected from the test pits, soil probes and soil borings conducted previously as well as the additional soil probes and borings as part of this assessment, the C&L site is underlain by up to eight feet of silty sand fill materials. Surface soils (zero to four feet bgs) were generally silty sand and fine sand. Vadose zone (four to eight feet bgs) fill materials were primarily silt and silty sand but some thin (one foot or less) layers of silty clay were occasionally encountered. The native soil observed below the fill (greater than eight feet bgs) was generally silt or silty fine sand which were denser and siltier with depth.

Groundwater is encountered at eight to ten feet bgs and migrates in an east-southeast direction across the C&L site on the approximately eastern two-thirds of the C&L site. This is the expected regional direction for groundwater flow (toward Lake Michigan). The groundwater flow direction on approximately the western one-third of the C&L site is west-southwest toward Sheridan Road. The groundwater divide coincides with monitoring wells B-5, B-6, and MW-1. Barnes Creek is approximately 2000 feet southwest of the C&L site. Barnes Creek is a local feature, topographically lower than the C&L site which may explain the apparent groundwater flow direction to the southwest.

The saturated zone soils near the water table (seven to 15 feet bgs) have a hydraulic conductivity on the order of 1×10^{-3} centimeters per second (cm/s). The hydraulic conductivity in the deeper soil (25 to 30 feet bgs) is on the order of 3×10^{-5} cm/s. A summary of groundwater elevations is provided on Table 1. Contoured groundwater elevations for water table wells and piezometers are shown on Figures 3 and 4, respectively.

Horizontal hydraulic gradients range from 0.004 feet per foot to 0.007 feet per foot or 28 feet per year to 38 feet per year at the water table. The calculated hydraulic gradient for deeper groundwater was 0.011 feet per foot or 58 feet per year. The geometric mean of the vertical gradients calculated at the three well pairs (MW4/PZ-4, MW-5/MW-5P and MW-20/PZ-20) was calculated to be 0.13 feet per foot downward based on May 2013 groundwater levels.

1.5 Potential Migration Pathways and Potential Receptors

The C&L site is serviced by the City of Kenosha municipal water supply and sanitary sewer. The City of Kenosha uses Lake Michigan for its potable water supply.

Land use in the vicinity of the C&L site is primarily commercial or light industrial to the north and along Sheridan Road to the south except for the immediately adjacent residential duplex on the south side of the C&L site. An active railroad line is present to the east. The area west of the C&L site is primarily residential.

A wetland is present along the southern border of the C&L site immediately east of the residential property. One part of the wetland is open water, approximately one-half acre in size.

- Receptors to subsurface impacts identified at the C&L site include:
- Humans - potential VOC vapor intrusion into the adjacent duplex;
- Human - potential direct contact to VOCs, PAHs and lead above non-industrial site specific RCLS;
- Humans, ecological and the environment - potential impacts by VOCs to the subsurface and surface water in the wetland.

1.5.1 Utility Corridor Potential Migration Pathway

Subsurface utilities are present under both the northbound and southbound lanes of Sheridan Road (State Highway 32). The road was reconstructed and widened in the early 2000's using state and federal funds. Because of the newness of the roadway, investigation through the new pavement was not permitted. In 2006, STS has conducted an evaluation of the subsurface utilities in the vicinity of the C&L site and obtained the following information.

Under the northbound lanes (east side of Sheridan Road-immediately adjacent to the C&L site)

- An eight-inch water line lies parallel to the eastern Sheridan Road curb line in a north-south direction. The bottom of the water pipe is approximately seven feet bgs.
- A natural gas line lies parallel to the eastern Sheridan Road curb line in a north-south direction. The depth of the pipe is unknown, but is typically buried at three feet bgs.
- A 15-inch sanitary sewer runs parallel to the eastern Sheridan Road curb line in a north-south direction. The bottom of the sewer pipe is approximately 15 feet bgs and the pipe has a gradient to the north of 0.1%.

Under the median of Sheridan Road

- A 12-inch water line and a telephone line run parallel and under the Sheridan Road median.

Under the southbound lanes (west side of Sheridan Road)

- A 36-inch storm sewer lies parallel to the western Sheridan Road curb line in a north-south direction. The bottom of the pipe is approximately 10 feet bgs and the pipe has a gradient to the north of 0.2%.

The bottom of the eight-inch water line is near or above the water table. Thus, the likelihood for contaminated groundwater transport in the backfill of the water line is low. The sanitary sewer is completely located within the saturated zone and its gradient for flow transport is very low because the pipeline gradient is 0.1% or 0.001 feet per foot. Therefore, the likelihood of contaminant transport in the backfill is low.

2.0 Investigation Methods

2.1 Project Scope/Approach

As stated previously, the assessment activities were conducted on behalf of the Client under the Wisconsin Plant Recovery Initiative (WPRI) Assessment Monies (WAM) Contractor Services Project. The purpose of the assessment activities is to conduct the work recommended by the WDNR after a review of the Site Investigation/Remedial Action Options Report (STS 2007). The WNDR letter dated October 25, 2012 requested the following activities:

- *Install a source area and a downgradient piezometer to be sampled for VOCs.*
- *Make a hazardous waste determination on the soil to be excavated for remedial purposes.*
- *Measure current groundwater elevations in the monitoring wells and submit an updated groundwater flow map.*
- *Do a current sampling round of the monitoring wells*.
- *Further evaluate the potential for vapor intrusion into the on-site residence by means of soil gas or sub-slab sampling*.
- *Submit a brief update to the remedial action plan based on current conditions.*

AECOM installed two piezometers (PZ-4 and PZ-20) to a depth of 30 feet below ground surface (bgs), advanced two soil probes (B-1 and B-2) with a hydraulic push probe for soil sample collection to a depth of 10 feet bgs and installed four vapor probes (VP-1, VP-2, VP-3, and VP-4) to a depth of six feet bgs.

The sampling locations are depicted in Figure 2.

2.2 Soil Boring/Sampling

Two soil probes were advanced within the area planned for remedial excavation (see Figure A-2) to collect one composite sample for waste characterization. The soil probes were advanced to 10 feet bgs. Continuous soil samples were collected in four-foot increments through the depth of each soil boring. Soil samples were screened in the field using a photo-ionization detector (PID) to detect volatile organic vapors. Representative soil samples from each stratigraphic unit, including fill materials were described according to the Unified Soil Classification System. The Wisconsin Department of Natural Resources (WDNR) soil boring log forms (Form 4400-122) and borehole abandonment forms (WDNR Form No.3300-005) are provided in Appendix B.

The composite soil sample was submitted to a Wisconsin-certified laboratory for laboratory analysis of general waste characterization parameters including TCLP VOCs/SVOC per Part 261 and the eight RCRA metals, free liquids, flash point, pH, total phenolics, % chlorine and reactive sulfide/cyanide. The VOC sample was collected first from multiple discrete aliquots combined in a 2-ounce container until the jar was full). The 2-ounce container for VOC analysis had a septum for headspace analysis under TCLP protocol. Soil sampling, screening and classification were conducted in accordance with the Quality Assurance Project Plan (QAPP) which was prepared for this project by AECOM and approved by WDNR.

2.3 Piezometer Installation Development, and Elevation Survey

Soil probes were advanced at each piezometer location to collect soil samples and log the lithology of the well. The soil probes were advanced to 30 feet bgs. Continuous soil samples were collected in five-foot increments through the depth of each soil probe. Soil samples were screened in the field using a photo-ionization detector (PID) to detect volatile organic vapors. Representative soil samples from each stratigraphic unit, including fill materials were described according to the Unified Soil Classification System.

AECOM documented the installation of two piezometers. Hollow-stem auger drilling methods were used to over-drill the soil probe boring from which the soil samples were collected. The piezometers were constructed inside the augers using 2-inch diameter riser Schedule 40 PVC riser pipe, and 5 feet of 2-inch diameter PVC factory cut (0.010-inch) slotted well screen. The piezometers were constructed in accordance with WAC Ch. NR 141 and were completed as flush-mounted wells.

The newly-installed piezometers were developed in accordance with WAC Ch. NR 141. The well development removed residual materials remaining in the wells after installation and re-established the natural hydraulic flow conditions of the formations which may have been disturbed by the well construction.

The elevations of the newly-installed wells were surveyed using a Spectra Precision Laser Systems, model 1001, laser survey transit and receiver (accuracy ±15 arc seconds or ±3/32 inch at 100 feet) or similar equipment. While on-site, the AECOM surveyor confirmed the coordinates and vertical elevations of the existing wells.

AECOM completed soil boring log forms (WDNR Form No. 4400-122) and well construction and well development forms (WDNR Form No. 4400-113a and 4400-113b) for the two piezometers included in Appendix B.

2.4 Groundwater Sampling

Groundwater samples were collected from the newly-installed piezometers (PZ-4 and PZ-20) and from the existing monitoring wells and piezometer (B-3, B-5, B-6, B-7, B-12, B-16, MW-1, MW-2, MW-3, MW-4, MW-5, MW-5P, MW-6, MW-20, MW-21, MW-23, MW-24, MW-26) to evaluate groundwater conditions. Well locations are included on Figure 2.

Prior to sample collection, depth to groundwater was measured and recorded at the monitoring wells and piezometers for evaluation of the groundwater flow direction. Wells were opened and allowed to equilibrate prior to taking measurements. The monitoring wells were sampled utilizing low-flow groundwater sampling techniques. Field measurements for temperature, dissolved oxygen, pH, specific conductivity and oxidation-reduction potential were recorded prior to the collection of groundwater samples. The groundwater samples were collected upon stabilization of the groundwater quality parameters.

Groundwater samples were analyzed by a State Certified Laboratory (Pace Analytical) for VOCs by method SW-846 8260B.

2.5 Vapor Intrusion Assessment

Four vapor probes were installed along the southern property boundary, between the on-site source area and the adjacent residence. Each soil probe was advanced to a depth of 6 feet and completed with six-inch long stainless steel screened interval connected to 3/8-inch polyethylene tubing. The borehole adjacent to the screened portion was filled with filter pack sand and the tubing above was sealed with hydrated granular

bentonite. A valve was attached to the top of the tubing and the valve was capped with a protective cover. Immediately after installation the tubing was purged for five minutes using a personnel air sampler at approximately 200 to 500 milliliters per minute. One vapor sample was collected from each vapor probe and analyzed for chlorinated VOCs using method TO15 approximately two weeks after installation.

2.6 Investigation-derived Waste

Soil cuttings and purged groundwater generated during the Phase II ESA activities were containerized in a Department of Transportation-compliant 55-gallon drum, and stored on-site, pending disposal. All other investigation-derived waste (e.g., sampling sleeves, used sampling gloves, etc.) was disposed of with the general refuse.

3.0 Results

The results of the assessment activities are discussed below to evaluate the C&L site's current condition as requested by the WDNR. Soil laboratory results for the soil samples from the two new piezometers are provided in Table 2. The result of the composite soil sample for waste characterization is provided in Table 3. Table 4 is a summary table of groundwater analytical results for VOCs that includes historical and the most recent sample results. A summary table of the field-measured groundwater parameters is included in Table 5. The results of the four vapor probe samples are provided in Table 6. Laboratory analytical reports for the soil, groundwater and vapor samples are provided in Appendix C.

Soil VOC results are compared to the generic Residual Contaminant Levels (RCLs) calculated using the U.S. EPA's Regional Screening Level (RSL) Web-Calculator and default parameters provided in the draft guidance in *Soil Residual Contaminant Level Determinations using the U. S. EPA Regional Screening Level Web Calculator* – WDNR PUB-RR-890. Exceedances of the RCL standards are indicated on Table 2 and are discussed below.

Groundwater results are compared to the WAC Ch. NR 140 Enforcement Standards (ESs; generally equivalent to the Environmental Protection Agency's [EPA's] Maximum Contaminant Level) and Preventive Action Limits (PALs), which are either 10 or 20 percent of the ESs. Exceedances of these standards are indicated on Table 4 and are discussed below.

Vapor probe results were compared to U. S. EPA Regional Screening table values for indoor air in residential and industrial buildings. These values were adjusted with an attenuation factor of 0.01 in conformance with the WDNR guidance document *Addressing Vapor Intrusion at Remediation and Redevelopment Sites in Wisconsin* (Pub-RR-800) and are discussed below.

3.1 Piezometer Soil Results

Two soil samples were collected from each piezometer location. The uppermost sample from each location was collected from the two-foot interval above the apparent water table during drilling. The second sample was collected from the one foot interval at the base of the boring. Only, four VOCs, bromodichloromethane, chloromethane, tetrachloroethene (PCE) and trichloroethene (TCE) were detected in the soil samples. Bromodichloromethane and chloromethane were detected in one the uppermost sample from PZ-4 and the detected concentrations exceed the non-industrial direct contact and groundwater pathways. However, this uppermost sample was collected from a depth of seven to nine feet below ground surface (bgs). Thus, the direct contact RCL is not applicable. TCE was only detected in the deep sample from PZ-20. PCE was detected in each of the four samples.

The detected PCE concentrations were highest in both uppermost samples and lower in the deeper samples. The detected concentrations were similar to concentrations detected previously in the soil samples collected from the adjacent water table wells. The deeper detected PCE concentrations were not indicative of an accumulation of PCE at depth. The detected concentration of TCE occurred in the deep sample from PZ-20 and is indicative of a naturally occurring reductive dechlorination process.

3.2 Waste Characterization Soil Results

One composite soil sample from the area proposed for "hot spot" removal (PCE concentrations greater than 100,000 micrograms per kilogram) was submitted to the laboratory for waste characterization analysis using the toxicity characteristic leaching procedure. The U.S. Environmental Protection Agency (EPA) has established numerical standards (40CFR Part 261) such that if the analytes are detected at concentrations lower than the standards, the tested material is not considered a hazardous waste by virtue of toxicity. Other tests conducted to evaluate the soil for hazardous characteristics included ignitability, reactivity and corrosivity.

The soil has none of the characteristics of a hazardous waste and thus, can be disposed, upon excavation as a solid waste.

3.3 Groundwater Results

Detected VOCs included cis-1,2-dichloroethene, PCE, TCE and vinyl chloride. VOCs were not detected in seven wells (B-5, B-7, B-16, MW-2, MW-6, MW-21, MW-23, and MW-24). PCE was detected in two monitoring wells and two piezometers (MW-4, MW-20, PZ-4, and PZ-20). PCE and one or more of the lesser chlorinated "daughter" products was detected in two monitoring wells and one piezometer (B-3, MW-5 and MW-5P). While TCE and/or cis-1,2-dichloroethene and vinyl chloride were detected in five other monitoring wells (MW-1, B-6, B-12, B-16 and MW-26). Where detected, these concentrations generally exceed the Wisconsin enforcement standard, but some of the four detected VOCs only exceeded the PAL.

PCE is detected in the wells on the western portion of the site, generally, north and west of the former building location. PCE was not detected in monitoring wells east of the building. However, dechlorinated "daughter" compounds (TCE, cis-1,2-dichloroethene and vinyl chloride) were detected in the groundwater from these eastern wells. No VOCs were detected in the off-site wells to the west or south of the site.

The detected concentrations were generally consistent with the concentrations previously reported.

The measured field parameters showed some variation from prior measurements, but with three data sets each from a different season, it is difficult to draw any specific conclusions regarding groundwater conditions.

3.4 Vapor Probe Results

Four vapor probes were installed to a depth of approximately six feet bgs at the southern property boundary of the site. The probes were purged after placement and sampled approximately two weeks later using a summa canister under vacuum and an inflow regulator for a sample collection rate of 200 milliliters per minute. The air samples were analyzed for the chlorinated VOCs detected in groundwater; PCE, TCE, cis-1,2-dichloroethene and vinyl chloride.

PCE and TCE were detected in the air sample from VP-1. Only PCE was detected in the remaining three probes. The PCE concentration in VP-1 exceeds the residential air calculated risk screening level using an attenuation faction of 0.01 per WDNR guidance (Pub-RR-800, December 2010).The concentrations in the other three probes were one to two orders of magnitude lower than the concentration in VP-1 and did not exceed the risk screening criteria.

VP-1 is the probe furthest away from the adjacent residence, while probes VP-3 and VP-4 are the closest and they had the lowest PCE concentration. Thus, the risk to the residence from vapor intrusion appears to be low.

3.5 Remedial Action Plan Review

In the original Remedial Action Options Report a combination of remedial options to achieve the objectives of source control and eventual groundwater standard achievement were recommended based on potential receptors and contaminant transport pathways. The recommended options included soil excavation and disposal for the unsaturated zone soil that have PCE concentrations greater than 100,000 ug/kg; an infiltration control barrier placed over the remaining unsaturated soil areas with PCE concentrations greater than 1,000 ug/kg; and an area in the northwest portion of the C&L site for groundwater source area treatment using enhanced bioremediation.

These options are still viable because the current conditions are similar to those reported in 2007, but if site redevelopment is proposed alternate remedial strategies may be appropriate.

4.0 Summary and Conclusions

The purpose of the assessment activities was to perform the work recommended by the WDNR after a review of the Site Investigation/Remedial Action Options Report (STS 2007). The requested activities, the work conducted and the conclusions drawn from the activities are summarized below.

- *Install a source area and a downgradient piezometer to be sampled for VOCs.*
  One source area piezometer existed at MW-5P. Thus, two downgradient piezometers were installed. Piezometer PZ-4 was installed adjacent to monitoring well MW-4. Piezometer PZ-20 was installed adjacent to monitoring wells MW-20. Soil samples collected from the unsaturated zone in the piezometer borings were analyzed for VOCs and PCE was detected at similar concentrations to the adjacent monitoring wells. The PCE concentrations detected in the soil samples from the base of the piezometer borings were one to two orders of magnitude lower. The deeper soil concentrations were not indicative of the presences of a dense non-aqueous phase liquid. Groundwater flow in the piezometers confirmed that the deeper groundwater flow on the west side of the site is toward the southwest.

- *Make a hazardous waste determination on the soil to be excavated for remedial purposes.*
  Two soil borings were advanced within the area proposed for excavation. One composite soil sample was analyzed for waste characterization parameters. The soil sample is not a hazardous waste based on the characteristics analysis.

- *Measure current groundwater elevations in the monitoring wells and submit an updated groundwater flow map.*
  Updated groundwater flow maps depict a similar flow pattern to that presented in the 2007 Supplemental Site Investigation (STS). Groundwater on the eastern 2/3 of the site flows east. Groundwater on the western 1/3 of the site flow west-southwest.
- *Do a current sampling round of the monitoring wells.*

  A groundwater sampling event for VOCs and field-measured parameters was conducted. Groundwater concentrations in the water table monitoring wells were similar in magnitude to those observed previously. PCE concentrations in the piezometers were one to three orders of magnitude lower than the adjacent monitoring well's PCE concentration. Groundwater impact was not observed in the off-site wells to the west (in the median of Sheridan Road) or the south (on the residential property).

- *Further evaluate the potential for vapor intrusion into the on-site residence by means of soil gas or sub-slab sampling.*
  Four vapor probes were installed on the eastern property line between the impacted soil and the residence. PCE was detected in the soil vapors. The highest concentration was detected in the vapor probe (VP-1) furthest away from the residence. The PCE concentration in other three vapor probes was one to two orders of magnitude less than VP-1. The PCE concentration in VP-1 exceeds the screening level, but the concentration in the other three probes do not exceed the screening level.

- *Submit a brief update to the remedial action plan based on current conditions.*
  The recommended options included soil excavation and disposal for the unsaturated zone soil with PCE concentrations greater than 100,000 ug/kg; an infiltration control barrier placed over the remaining unsaturated soil areas with PCE concentrations greater than 1,000 ug/kg; and an area in the northwest portion of the C&L site for groundwater source area treatment using enhanced bioremediation.
  These options are still viable because the current conditions are similar to those reported in 2007, but if site redevelopment is proposed alternate remedial strategies may be appropriate. Currently, there are no immediate redevelopment plans for the C&L site.

5.0 General Qualifications

This site condition assessment was conducted to evaluate soil and groundwater conditions at a select area of the property. The results, conclusions and recommendations presented in this report are based upon the data obtained from the specific sampling locations and under the conditions stated in the report. Variations in soil conditions typically exist at most sites between sampling locations and at different times. The report has also been prepared to aid our client in the evaluation of the subsurface conditions. Most of the study was selected accordingly. This report should not be utilized for any purpose other than that specifically stated in evaluating the environmental character of the site at the time of the study.

Factual information regarding operations, conditions, regional geology and hydrogeology, and test data completed throughout the site assessment were obtained, in part from outside agents and third parties and have been assumed by AECOM to be correct and complete. Because some facts stated in this report are subject to professional interpretation, they could result in differing conclusions. In addition, the findings and conclusions contained in this report are based on various quantitative factors as they existed on or near the date during which the field work was completed.

AECOM assumes no responsibility for future discovery and elimination of hazards or their associated liabilities. The assessment conducted by AECOM in no way assures the elimination of all hazards or the fulfillment of a property owner's obligation under any local, state or federal laws or any modifications or changes thereto. It is the responsibility of the property owner to notify authorities of any future conditions that are in violation of the current legal standards.

AECOM has prepared this report at the request of WDNR. AECOM assumes responsibility for the accuracy of the report's contents, subject to what is stated elsewhere in this section, but recommends the report be used only for the purpose intended by our Client and AECOM when the report was prepared. The report may be unsuitable for other uses, and reliance on its contents by anyone other than our Client is done at the sole risk of the user. AECOM accepts no responsibility for application or interpretation of the results by anyone other than WDNR.

This report reflects conditions, as observed on the date(s) the site work was performed. Accordingly, changes or modifications to the property or surrounding facilities made after the assessment was completed are not reflected in this report.

6.0 References

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Tables

Table 1
Groundwater Measurements and Elevations
AECOM Project No. 60289643

Well Number	B-3		B-5		B-6		B-7		B-12		B-16		MW-1	
Ground Elevation (ft)	617.99		618.03		618.45		615.01		614.05		612.00		617.25	
Top of PVC Casing (TOC) Elevation (ft)	620.82		621.68		622.12		618.48		617.10		615.28		619.95	
Screen Length (ft)	10		10		10		10		10		10		10	
TOC to Bottom of Well (ft)[A]	10.58		18.90		17.25		7.93		17.69		18.00		17.52	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
5/14/2001	7.97	612.85	7.78	613.90	8.38	613.74	4.89	613.59	5.94	611.16	7.69	607.59	NI	--
12/11/2003	7.25	613.57	10.64	611.04	11.74	610.38	5.59	612.89	6.33	610.77	7.69	607.59	9.71	610.24
9/16/2004	10.75	610.07	11.27	610.41	11.90	610.22	7.85	610.63	9.82	607.28	11.75	603.53	9.83	610.12
11/8/2004	11.27	609.55	11.26	610.42	11.89	610.23	7.21	611.27	7.79	609.31	10.09	605.19	9.72	610.23
11/30/2004	11.17	609.65	11.07	610.61	11.66	610.46	6.70	611.78	7.47	609.63	9.69	605.59	9.50	610.45
8/14/2006	11.31	609.51	12.06	609.62	12.60	609.52	9.50	608.98	10.71	606.39	13.04	602.24	10.40	609.55
11/13-14/2006	9.52	611.30	8.93	612.75	9.51	612.61	5.25	613.23	5.86	611.24	7.57	607.71	7.60	612.35
5/22/2013	7.03	613.79	8.32	613.36	8.90	613.22	5.72	612.76	6.29	610.81	8.36	606.92	6.98	612.97

Well Number	MW-2		MW-3		MW-4		PZ-4		MW-5		MW-5P		MW-6	
Ground Elevation (ft)	618.45		612.64		618.08		617.96		618.58		618.53		617.33	
Top of PVC Casing (TOC) Elevation (ft)	621.00		615.30		620.19		620.32		620.46		620.60		620.39	
Screen Length (ft)	10		10		10		5		10		5		10	
TOC to Bottom of Well (ft)[A]	17.75		14.52		17.00		31.07		16.93		32.00		17.14	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
5/14/2001	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
12/11/2003	10.76	610.24	7.06	608.24	NI	--	NI	--	NI	--	NI	--	NI	--
9/16/2004	10.97	610.03	9.28	606.02	NI	--	NI	--	NI	--	NI	--	NI	--
11/8/2004	11.11	609.89	7.96	607.34	10.65	609.54	NI	--	11.30	609.16	11.73	608.87	9.97	610.42
11/30/2004	10.96	610.04	7.57	607.73	10.52	609.67	NI	--	10.70	609.76	11.55	609.05	9.08	611.31
8/14/2006	11.59	609.41	9.90	605.40	10.43	609.76	NI	--	10.65	609.81	11.96	608.64	10.28	610.11
11/13-14/2006	8.79	612.21	5.12	610.18	9.00	611.19	NI	--	9.18	611.28	10.24	610.36	6.80	613.59
5/22/2013	7.58	613.42	5.53	609.77	7.30	612.89	10.00	610.32	7.32	613.14	9.90	610.70	6.40	613.99

Table 1

Groundwater Measurements and Elevations

AECOM Project No. 60289643

Well Number	**MW-20**		**PZ-20**		**MW-21**		**MW-23**		**MW-24**		**MW-26**	
Ground Elevation (ft)	618.09		618.20		617.49		618.10		618.50		613.22	
Top of PVC Casing (TOC) Elevation (ft)	617.69		617.65		617.03		617.61		621.35		616.45	
Screen Length (ft)	10		10		10		10		10		10	
TOC to Bottom of Well (ft)[A]	14.52		29.90		17.65		14.21		18.08		18.28	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
8/14/2006	7.69	610.00	NI	--	8.71	608.32	8.16	609.45	11.68	609.67	10.62	605.83
11/13-14/2006	6.48	611.21	NI	--	7.51	609.52	6.49	611.12	9.55	611.80	5.49	610.96
5/22/2013	4.90	612.79	7.20	610.45	7.35	609.68	4.18	613.43	8.02	613.33	5.95	610.50

Notes:

ft = feet

[A] = as measured inside well

NI = Not Installed

-- no elevation

Groundwater montioring well elevations were re-surveyed on 5/22/2013.

Elevation data and groundwater elevations for all data points were calculated from the 2013 survey data.

Table 2
Soil Laboratory Analytical Results
C & L Industrial Cleaners Kenosha, WI
AECOM Project 60289643

Parameters	Generic RCLs*			PZ-4	PZ-4	PZ-20	PZ-20
	Non-Industrial	Industrial	Groundwater Pathway	7-9 5/10/2013	29-30 5/10/2013	3-5 5/10/2013	29-30 5/10/2013
VOCs (µg/kg)							
1,1,1,2-Tetrachloroethane	2,590	12,900	53.3	<62.5	<25.0	<250	<25.0
1,1,1-Trichloroethane	640,000	640,000	140.2	<62.5	<25.0	<250	<25.0
1,1,2,2-Tetrachloroethane	753	3,690	0.2	<62.5	<25.0	<250	<25.0
1,1,2-Trichloroethane	1,480	7,340	3.2	<62.5	<25.0	<250	<25.0
1,1-Dichloroethane	4,720	23,700	483.6	<62.5	<25.0	<250	<25.0
1,1-Dichloroethylene	342,000	1,190,000	5	<62.5	<25.0	<250	<25.0
1,1-Dichloropropene	--	--	--	<62.5	<25.0	<250	<25.0
1,2,3-Trichlorobenzene	48,900	151,000	--	<62.5	<25.0	<250	<25.0
1,2,3-Trichloropropane	1,130	95	52	<62.5	<25.0	<250	<25.0
1,2,4-Trichlorobenzene	22,100	98,700	408	<62.5	<25.0	<250	<25.0
1,2,4-Trimethylbenzene	89,800	219,000	1,379.30 [1]	<62.5	<25.0	<250	<25.0
1,2-Dibromo-3-chloropropane	8	99	0.2	<125	<49.8	<498	<49.8
1,2-Dibromoethane	47.0	230	0.0282	<62.5	<25.0	<250	<25.0
1,2-Dichlorobenzene	376,000	376,000	1,168	<62.5	<25.0	<250	<25.0
1,2-Dichloroethane	608	3,030	2.8	<62.5	<25.0	<250	<25.0
1,2-Dichloropropane	1,330	6,620	3.3	<62.5	<25.0	<250	<25.0
1,3,5-Trimethylbenzene	182,000	182,000	1,379.30 [1]	<62.5	<25.0	<250	<25.0
1,3-Dichlorobenzene	297,000	297,000	1,152.20	<62.5	<25.0	<250	<25.0
1,3-Dichloropropane	1,490,000	1,490,000	--	<62.5	<25.0	<250	<25.0
1,4-Dichlorobenzene	3,480	17,500	144	<62.5	<25.0	<250	<25.0
2,2-Dichloropropane	--	--	--	<62.5	<25.0	<250	<25.0
2-Chlorotoluene	907,000	907,000	--	<62.5	<25.0	<250	<25.0
4-Chlorotoluene	253,000	253,000	--	<62.5	<25.0	<250	<25.0
Benzene	1,490	7,410	5.1	<62.5	<25.0	<250	<25.0
Bromobenzene	354,000	679,000	--	<62.5	<25.0	<250	<25.0
Bromochloromethane	232,000	976,000	--	<62.5	<25.0	<250	<25.0
Bromodichloromethane	390	1,960	0.3	**414**	<25.0	<250	<25.0
Bromoform	61,600	218,000	2.3	<62.5	<25.0	<250	<25.0
Bromomethane	10,300	46,000	5.1	<62.5	<25.0	<250	<25.0
Carbon tetrachloride	854	4,250	3.9	<62.5	<25.0	<250	<25.0
Chlorobenzene	392,000	761,000	--	<62.5	<25.0	<250	<25.0
Chloroethane	2,120,000	2,120,000	226.6	<62.5	<25.0	<250	<25.0
Chloroform	423	2,130	3.3	**943**	<25.0	<250	<25.0
Chloromethane	171,000	720,000	15.5	<62.5	<25.0	<250	<25.0
cis-1,2-Dichloroethylene	156,000	2,040,000	41.2	<62.5	<25.0	<250	<25.0
cis-1,3-Dichloropropene	1,220,000	1,220,000	0.3 [3]	<62.5	<25.0	<250	<25.0
Dibromochloromethane	933	4,400	32	<62.5	<25.0	<250	<25.0
Dibromomethane	35,000	151,000	--	<62.5	<25.0	<250	<25.0
Dichlorodifluoromethane	135,000	571,000	3,082.5	<62.5	<25.0	<250	<25.0
Diisopropyl ether	2,260,000	2,260,000	--	<62.5	<25.0	<250	<25.0
Ethylbenzene	7,470	37,000	1,570	<62.5	<25.0	<250	<25.0
Hexachlorobutadiene	6,230	22,100	--	<62.5	<25.0	<250	<25.0
Isopropylbenzene	268,000	268,000	--	<62.5	<25.0	<250	<25.0
m&p-Xylene	390,000	390,000	3,940 [2]	<125	<50.0	<500	<50.0
Methylene chloride	60,700	1,070,000	2.6	<62.5	<25.0	<250	<25.0
Methyl-tert-butyl-ether	59,400	293,000	27	<62.5	<25.0	<250	<25.0
Naphthalene	5,150	26,000	658.7	<62.5	<25.0	<250	<25.0
n-Butylbenzene	108,000	108,000	--	<62.5	<25.0	<250	<25.0
n-Propylbenzene	264,000	264,000	--	<62.5	<25.0	<250	<25.0
o-Xylene	434,000	434,000	3,940 [2]	<62.5	<25.0	<250	<25.0
p-Isopropyltoluene	162,000	162,000	--	<62.5	<25.0	<250	<25.0
sec-Butylbenzene	145,000	145,000	--	<62.5	<25.0	<250	<25.0
Styrene	867,000	867,000	220	<62.5	<25.0	<250	<25.0
tert-Butylbenzene	183,000	183,000	--	<62.5	<25.0	<250	<25.0

Table 2
Soil Laboratory Analytical Results
C & L Industrial Cleaners Kenosha, WI
AECOM Project 60289643

Parameters	Generic RCLs*			PZ-4 7-9 5/10/2013	PZ-4 29-30 5/10/2013	PZ-20 3-5 5/10/2013	PZ-20 29-30 5/10/2013
	Non-Industrial	Industrial	Groundwater Pathway				
VOCs (µg/kg)							
Tetrachloroethene	663	3,120	4.5	**21700**	**210**	**66500**	**6790**
Toluene	818,000	818,000	1,107.2	<62.5	<25.0	<250	<25.0
trans-1,2-Dichloroethene	211,000	976,000	58.8	<62.5	<25.0	<250	<25.0
trans-1,3-Dichloropropene	1,570,000	1,570,000	0.3 [3]	<62.5	<25.0	<250	<25.0
Trichloroethene	644	8,810	3.6	<62.5	<25.0	<250	**54.9**
Trichlorofluoromethane	1,120,000	1,230,000	4,468.5	<62.5	<25.0	<250	<25.0
Vinyl chloride	67	2,030	0.1	<62.5	<25.0	<250	<25.0

Notes:

VOCs = Volatile Organic Compounds

µg/kg = micrograms per kilogram

[1] Standards are for 1,2,4- and 1,3,5-Trimethylbenzene combined.

[2] Standards are for m&p- and o-Xylene combined.

[3] Standards are for Total cis-1,3-Dichloropropene and trans-1,3-Dichloropropene

-- No Generic RCL established.

* *Soil Residual Contaminant Level Determinations Using the U.S. EPA Regional Screening Level Web Calculator* , PUB-RR-890-Draft March 2013

Exceedances of RCLs are shown in bold

Table 3
Soil Waste Characterization
C & L Industrial Cleaners Kenosha, WI
AECOM Project 60289643

Parameter	Units	Result	TCLP Limit
Metals			
Arsenic	mg/L	<0.12	5
Barium	mg/L	<1.2	100
Cadmium	mg/L	<0.0025	1
Chromium	mg/L	<0.12	5
Copper	mg/L	<0.12	NE
Lead	mg/L	<0.015	5
Nickel	mg/L	<0.12	NE
Selenium	mg/L	<0.12	1
Silver	mg/L	<0.12	5
Zinc	mg/L	0.44	NE
Mercury	ug/L	<0.10	0.2
Volatile Organic Compounds			
1,1-Dichloroethene	ug/L	<4.3	700
1,2-Dichloroethane	ug/L	<4.8	500
2-Butanone (MEK)	ug/L	<27.0	200,000
Benzene	ug/L	<5.0	500
Carbon tetrachloride	ug/L	<3.7	500
Chlorobenzene	ug/L	<3.6	100,000
Chloroform	ug/L	<6.9	6,000
Tetrachloroethene	ug/L	16.6	700
Trichloroethene	ug/L	<4.3	500
Vinyl chloride	ug/L	<1.8	200
Semi-Volatile Organic Comounds			
1,4-Dichlorobenzene	ug/L	<8.6	7,500
2,4,5-Trichlorophenol	ug/L	<10	400,000
2,4,6-Trichlorophenol	ug/L	<10.7	2,000
2,4-Dinitrotoluene	ug/L	<8.0	132
2-Methylphenol(o-Cresol)	ug/L	<9.7	200,010
3&4-Methylphenol(m&p Cresol)	ug/L	<7.7	200,010
Hexachloro-1,3-butadiene	ug/L	<6.6	500
Hexachlorobenzene	ug/L	<11.1	132
Hexachloroethane	ug/L	<5.8	3,000
Nitrobenzene	ug/L	<13.7	2,000
Pentachlorophenol	ug/L	<10.8	100,000
Pyridine	ug/L	<14.3	5,020
Other Organic Compound			
PCB, Total	ug/kg	<27.7	NE
Other			
pH	Std. Units	8.4	NE
Free Liquids	no units	No	NE
Flashpoint	deg F	<210	NE
Phenolics, Total Recoverable	ug/L	142	NE
Specific Gravity	no units	1.6	NE
Cyanide, Reactive	mg/kg	<0.0052	NE
Sulfide, Reactive	mg/kg	10.2[J]	NE

TCLP-Toxicity Characteristic Leaching Procedure. Limits established under 40CFR Part 261.24 Table 1

Table 4
Summary Groundwater Analytical Results - Detected VOCs
Former C&L Industrial Cleaners - Kenosha, Wisconsin
AECOM Project No. 60289643

Sample Location	Sample Date	Benzene µg/L	Dichloro-difluoro-methane µg/L	cis-1,2-Dichloro-ethene µg/L	trans-1,2-Dichloro-ethene µg/L	1,1-Dichloro-ethylene µg/L	1,1-Dichloro propene µg/L	Tetrachloro-ethene µg/L	Trichloro-ethene µg/L	1,2,4-Trimethyl benzene µg/L	1,3,5-Trimethyl benzene µg/L	Vinyl Chloride µg/L	Groundwater Elevation (feet msl)
		Top of Well Screen in Feet MSL: 603.07					**Length of Well Screen: 10 ft.**						
B-3	5-14-01	<0.15	<0.15	0.524	<0.15	<0.15	<0.25	*3.41*	0.486	<0.4	<0.15	<0.12	612.85
	12-12-03	<0.1	<0.1	*19.4*	<0.1	<0.1	<0.2	**56.5**	*1.39*	<0.15	<0.15	<0.1	613.57
	9-16-04	<0.15	<0.27	*28*	<0.21	<0.27	<0.19	**62**	*3.3*	<0.24	<0.11	**0.71**	610.07
	12-1-04	<0.41	<0.99	*28*	<0.89	<0.57	<0.75	**57**	*2.1*	<0.97	<0.83	**1.7**	599.65
	8-30-06	<0.41	<0.99	*29*	<0.89	<0.57	<0.75	**37**	*2.2*	<0.97	<0.83	**0.32** J	599.51
	11/13/2006	<0.41	<0.99	*14*	<0.89	<0.57	<0.75	**17**	**7.5**	<0.97	<0.83	**0.21** J	611.30
	5/22/2013	<0.50	<1.9	*1*	<0.37	<0.43	<0.51	**246**	**4.1**	<0.57	<2.5	<0.18	613.79
B-3 Dup	9-16-04	<0.15	<0.27	*29*	<0.21	<0.27	<0.19	**64**	*3.4*	<0.24	<0.11	**0.73**	
	12-1-04	<0.41	<0.99	*27*	<0.89	<0.57	<0.75	**57**	*2.0*	<0.97	<0.83	**1.6**	
	8-30-2006	<0.41	<0.99	*28*	<0.89	<0.57	<0.75	**38**	*2.2*	<0.97	<0.83	**0.26** J	
	11/13/2006	<0.41	<0.99	*13*	<0.89	<0.57	<0.75	**16**	**11**	<0.97	<0.83	<0.18	
	5/22/2013	<0.50	<0.40	*1*	<0.37	<0.43	<0.51	**240**	**4.1**	<0.57	<2.5	<0.18	
		Top of Well Screen in Feet MSL: 603.48					**Length of Well Screen: 10 ft.**						
B-5	5-14-01	<0.15	<0.15	1.28	<0.15	<0.15	<0.25	<0.15	<0.1	<0.4	<0.15	**1.16**	613.90
	12-12-03	<0.1	<0.1	0.252 Q	<0.1	<0.1	<0.2	<0.1	<0.2	<0.15	<0.15	**0.272** JZ	611.04
	9-16-04	<0.15	<0.27	<0.23	<0.21	<0.27	<0.19	<0.33	<0.18	<0.24	<0.11	**0.23**	610.41
	12-1-04	<0.41	<0.99	<0.83	<0.89	<0.57	<0.75	<0.45	<0.48	<0.97	<0.83	**0.37** J	600.18
	8/30/06	<0.41	<0.99	<0.83	<0.89	<0.57	<0.75	<0.45	<0.48	<0.97	<0.83	**0.48** J	599.19
	11/13/06	<0.41	<0.99	<0.83	<0.89	<0.57	<0.75	<0.45	<0.48	<0.97	<0.83	**0.68**	612.75
	5/22/13	<0.50	<0.40	<0.42	<0.37	<0.43	<0.51	<0.47	<0.43	<0.57	<2.5	<0.18	613.36
		Top of Well Screen in Feet MSL: 604.45					**Length of Well Screen: 10 ft.**						
B-6	5-14-01	0.375 J	<0.15	6.65	0.415 J	<0.15	<0.25	<0.15	<0.1	<0.4	<0.15	**4.51**	613.74
	12-12-03	0.319 JZ	<0.15	*14.2* Z	0.751	<0.1	<0.2	<0.1	<0.2	<0.15	<0.15	**2.45**	610.38
	9-16-04	0.45 J	<0.27	*19*	0.95	<0.27	<0.19	<0.33	<0.18	<0.24	<0.11	**2.3**	610.22
	12-1-04	<0.41	<0.99	*20*	1.1 J	<0.57	<0.75	<0.45	<0.48	<0.97	<0.83	**2.3**	600.24
	8-30-2006	<0.41	<0.99	*9.5*	<0.89	<0.57	<0.75	<0.45	<0.48	<0.97	<0.83	**2.5**	599.30
	11-13-06	<0.41	<0.99	6.7	<0.89	<0.57	<0.75	<0.45	*0.77* J	<0.97	<0.83	**1.8**	612.61
	5-22-13	<0.50	<0.40	4.2	<0.37	<0.43	<0.51	<0.53 J	*0.51* J	<0.57	<2.5	**2.1**	613.22
		Top of Well Screen in Feet MSL: 600.03					**Length of Well Screen: 10 ft.**						
B-7	5-14-01	0.216 J	<0.15	<0.15	<0.15	<0.15	<0.25	<0.15	<0.1	<0.4	<0.15	<0.12	613.59
	12-11-03	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.15	<0.15	<0.1	612.89
	9-16-04	<0.15	<0.27	<0.23	<0.21	<0.27	<0.19	<0.33	<0.18	<0.24	<0.11	<0.18	610.63
	12-1-04	<0.41	<0.99	<0.83	<0.89	<0.57	<0.75	<0.45	<0.48	<0.97	<0.83	<0.18	601.43
	8-31-06	<0.41	<0.99	<0.83	<0.89	<0.57	<0.75	<0.45	<0.48	<0.97	<0.83	<0.18	598.63
	5-22-13	<0.50	<0.40	<0.42	<0.37	<0.43	<0.51	<0.47	<0.43	<0.57	<2.5	<0.18	612.76
PAL		*0.5*	200	*7*	*20*	*0.7*	NE	*0.5*	*0.5*	96*	96*	*0.02*	
ES		**5**	1000	**70**	**100**	**7**	NE	**5**	**5**	480*	480*	**0.2**	

Table 4
Summary Groundwater Analytical Results - Detected VOCs
Former C&L Industrial Cleaners - Kenosha, Wisconsin
AECOM Project No. 60289643

Sample Location	Sample Date	Benzene µg/L	Dichloro-difluoro-methane µg/L	cis-1,2-Dichloro-ethene µg/L	trans-1,2-Dichloro-ethene µg/L	1,1-Dichloro-ethylene µg/L	1,1-Dichloro propene µg/L	Tetrachloro-ethene µg/L	Trichloro-ethene µg/L	1,2,4-Trimethyl benzene µg/L	1,3,5-Trimethyl benzene µg/L	Vinyl Chloride µg/L	Groundwater Elevation (feet msl)
		Top of Well Screen in Feet MSL: 600.13					**Length of Well Screen: 10 ft.**						
B-12	5-14-01	<0.15	<0.15	**138**	6.10	<0.15	<0.25	<0.15	<0.1	<0.4	<0.15	**10.3**	611.16
	12-11-03	<.01	<0.1	**152** Z	7.43	<0.1	<0.2	<0.1	<0.2	<0.15	<0.15	**8.03**	610.77
	9-16-04	<0.15	<0.27	**170**	10	<0.27	<0.19	<0.33	<0.18	<0.24	<0.11	**7.7**	607.28
	11-30-04	<0.41	<0.99	**160**	11	<0.57	<0.75	<0.45	<0.48	<0.97	<0.83	**7.9**	609.63
	8-31-06	<0.41	<0.99	**170**	9.8	<0.57	<0.75	<0.45	<0.48	<0.97	<0.83	**11**	596.47
	11-14-06	<0.41	<0.99	**83**	5.9	<0.57	<0.75	<0.45	<0.48	<0.97	<0.83	**2.9**	611.24
	5-22-13	<0.50	<0.40	**60.6**	5.6	<0.43	<0.51	<0.47	<0.43	<0.57	<2.5	**11.5**	610.81
		Top of Well Screen in Feet MSL: 597.07					**Length of Well Screen: 10 ft.**						
B-16	5-14-01	<0.15	<0.15	<0.15	<0.15	<0.15	<0.25	<0.15	<0.1	<0.4	<0.15	<0.12	607.59
	12-11-03	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<.01	<0.2	<0.15	<0.15	<0.1	607.59
	9-16-04	<0.15	<0.27	<0.23	<0.21	<0.27	<0.19	<0.33	<0.18	<0.27	<0.11	<0.18	603.53
	11-30-04	<0.41	<0.99	<0.83	<0.89	<0.57	<0.75	<0.45	<0.48	<0.97	<0.83	<0.18	605.59
	8-31-06	<0.41	<0.99	<0.83	<0.89	<0.57	<0.75	<0.45	<0.48	<0.97	<0.83	<0.18	594.14
	5-22-13	<0.50	<0.40	<0.42	<0.37	<0.43	<0.51	<0.47	<0.43	<0.57	<2.5	<0.18	606.92
		Top of Well Screen in Feet MSL: 602.26					**Length of Well Screen: 10 ft.**						
MW-1	12-11-03	<0.1	0.186	**188**	*26.4* Z	<0.1	0.413 J	<0.1	<0.2	0.203 Q	<0.15	**3.33**	610.24
Dup	12-11-03	<0.1	0.178 Q	**186**	*26.2* Z	<0.1	0.326 J	<0.1	<0.2	0.166 Q	<0.15	**3.11**	
	9-16-04	<0.15	<0.27	**200**	19	<0.27	<0.19	<0.33	<0.18	<0.24	<0.11	**3.3**	610.12
	12-1-04	<0.41	<0.99	**180**	18	<0.57	<0.75	<0.45	<0.48	<0.97	<0.83	**2.1**	610.45
	8-30-06	<0.41	<0.99	**190**	16	<0.57	<0.75	<0.45	<0.48	<0.97	<0.83	**1.8**	599.51
	11-13-06	<0.82	<2.0	**150**	13	<1.1	<1.5	<0.90	<0.96	<1.9	<1.7	**1.1** J	612.35
	5-22-13	<0.50	<0.40	**159**	14.3	<0.43	<0.51	<0.47	<0.43	<0.57	<2.5	**5.2**	612.97
		Top of Well Screen in Feet MSL: 603.10					**Length of Well Screen: 10 ft.**						
MW-2	12-12-03	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.15	<0.15	<0.1	610.24
	9-16-04	<0.15	<0.27	<0.23	<0.21	<0.27	<0.19	<0.33	<0.18	<0.24	<0.11	<0.18	610.03
	12-1-04	<0.41	<0.99	<0.83	<0.89	<0.57	<0.75	<0.45	<0.48	<0.97	<0.83	<0.18	610.04
	8-30-06	<0.41	<0.99	<0.83	<0.89	<0.57	<0.75	<0.45	<0.48	<0.97	<0.83	<0.18	599.41
	5-22-13	<0.50	<0.40	<0.42	<0.37	<0.43	<0.51	<0.47	<0.43	<0.57	<2.5	<0.18	613.42
		Top of Well Screen in Feet MSL: 597.67					**Length of Well Screen: 10 ft.**						
MW-3	12-11-03	<0.1	0.132 J	**224** ZB	1.76	0.213 J	<0.2	<0.1	<0.2	0.579	0.154 J	**28.0**	608.24
	9-16-04	<0.15	<0.27	**220**	1.8	<0.27	<0.19	<0.33	<0.18	<0.24	<0.11	**38**	606.02
	12-1-04	<0.41	<0.99	**100**	1.0 J	<0.57	<0.75	<0.45	<0.48	<0.97	<0.83	**7.5**	607.73
	8-31-06	<0.41	<0.99	**120**	1.5 J	<0.57	<0.75	<0.45	<0.48	<0.97	<0.83	**10**	595.43
	11-14-06	<0.41	<0.99	*42*	<0.89	<0.57	<0.75	<0.45	*0.55* Q	<0.97	<0.83	**8.3**	610.18
	5-22-13	<0.50	<0.40	*18.2*	0.59 J	<0.43	<0.51	<0.47	<0.43	<0.57	<2.5	**5.5**	609.77
PAL		*0.5*	*200*	*7*	*20*	*0.7*	*NE*	*0.5*	*0.5*	*96* *	*96* *	*0.02*	
ES		**5**	**1000**	**70**	**100**	**7**	**NE**	**5**	**5**	**480***	**480***	**0.2**	

Table 4
Summary Groundwater Analytical Results - Detected VOCs
Former C&L Industrial Cleaners - Kenosha, Wisconsin
AECOM Project No. 60289643

Sample Location	Sample Date	Benzene µg/L	Dichloro-difluoro-methane µg/L	cis-1,2-Dichloro-ethene µg/L	trans-1,2-Dichloro-ethene µg/L	1,1-Dichloro-ethylene µg/L	1,1-Dichloro propene µg/L	Tetrachloro-ethene µg/L	Trichloro-ethene µg/L	1,2,4-Trimethyl benzene µg/L	1,3,5-Trimethyl benzene µg/L	Vinyl Chloride µg/L	Groundwater Elevation (feet msl)
		Top of Well Screen in Feet MSL: 603.12					**Length of Well Screen: 10 ft.**						
MW-4	12-1-04	<10	<25	<21	<22	<14	<19	**4300**	**30** J	<24	<21	<4.5	609.67
	8-31-06	<51	<120	<100	<110	<71	<94	**12000**	<60	<120	<100	<22	599.74
	11-13-06	<41	<99	<83	<89	<57	<75	**6700**	<48	<97	<83	<18	611.19
	5-22-13	<100	<80.2	<83.3	<74.3	<85.4	<101	**15600**	<85.8	<114	<500	<37.0	612.89
		Top of Well Screen in Feet MSL:					**Length of Well Screen: 5 ft.**						
PZ-4	5-22-13	<0.50	<0.40	<0.42	<0.37	<0.43	<0.51	**19.0**	<0.43	<0.57	<2.5	<0.18	610.32
		Top of Well Screen in Feet MSL: 602.38					**Length of Well Screen: 10 ft.**						
MW-5	12-1-04	<4.1	<9.9	<8.3	<8.9	<5.7	<7.5	**970** B	**13** J	<9.7	<8.3	<1.8	609.76
	8-31-06	<8.2	<20	<17	<18	<11	<15	**1400** B	<9.6	<19	<17	<3.6	599.79
	11-13-06	<10	<25	<21	<22	<14	<19	**2200** B	<12	<24	<21	<4.5	611.28
	5-22-13	<10.0	<8.0	<8.4	<7.4	<8.5	<10.1	**1940**	**22.4**	<11.4	<50.0	<3.7	613.14
		Top of Well Screen in Feet MSL: 582.37					**Length of Well Screen: 5 ft.**						
MW-5P	12-1-04	<0.41	<0.99	<0.83	<0.89	<0.57	<0.75	**6.3**	<0.48	<0.97	<0.83	<0.18	609.05
	8-31-06	<0.41	<0.99	<0.83	<0.89	<0.57	<0.75	*0.99* Q	<0.48	<0.97	<0.83	<0.18	598.51
	11-13-06	<0.41	<0.99	<0.83	<0.89	<0.57	<0.75	*0.74* Q	<0.48	<0.97	<0.83	<0.18	610.36
	5-22-13	<0.50	<0.40	<0.42	<0.37	<0.43	<0.51	*1.0*	*0.90* J	<0.57	<2.5	<0.18	610.70
		Top of Well Screen in Feet MSL: 602.33					**Length of Well Screen: 10 ft.**						
MW-6	12-1-04	<0.41	<0.99	5.0	<0.89	<0.57	<0.75	<0.45	<0.48	<0.97	<0.83	**1.0**	611.31
	11-13-06	<0.41	<0.99	0.86 J	<0.89	<0.57	<0.75	<0.45	*1.4* J	<0.97	<0.83	<0.18	613.59
	5-22-13	<0.50	<0.40	<0.77	<0.37	<0.43	<0.51	<0.47	<0.43	<0.57	<2.5	<0.18	613.99
		Top of Well Screen in Feet MSL: 607.57					**Length of Well Screen: 10 ft.**						
MW-20	8-31-06	<82	<200	<170	<180	<110	<150	**20000** B	<96	<190	<170	<36	599.88
	11-14-06	<51	<120	<100	<110	<71	<94	**13000** B	**60** J	<120	<100	<22	611.21
	5-22-13	<50.0	<40.1	<41.9	<37.1	<42.7	<50.7	**7640**	<42.9	<250	<250	<18.5	612.79
		Top of Well Screen in Feet MSL: 607.57					**Length of Well Screen: 10 ft.**						
MW-20 Duplicate	8-31-06	<82	<200	<170	<180	<110	<150	**18000** B	<96	<190	<170	<36	599.88
	11-14-06	<51	<120	<100	<110	<71	<94	**13000** B	<60	<120	<100	<22	601.09
PAL		*0.5*	*200*	*7*	*20*	*0.7*	*NE*	*0.5*	*0.5*	*96* *	*96* *	*0.02*	
ES		**5**	**1000**	**70**	**100**	**7**	**NE**	**5**	**5**	**480***	**480***	**0.2**	
		Top of Well Screen in Feet MSL:					**Length of Well Screen: 5 ft.**						
PZ-20	5-22-13	<0.50	<0.40	<0.42	<0.37	<0.43	<0.51	**106**	<0.43	<0.57	<2.5	<0.18	610.45

Table 4
Summary Groundwater Analytical Results - Detected VOCs
Former C&L Industrial Cleaners - Kenosha, Wisconsin
AECOM Project No. 60289643

Sample Location	Sample Date	Benzene µg/L	Dichloro-difluoro-methane µg/L	cis-1,2-Dichloro-ethene µg/L	trans-1,2-Dichloro-ethene µg/L	1,1-Dichloro-ethylene µg/L	1,1-Dichloro propene µg/L	Tetrachloro-ethene µg/L	Trichloro-ethene µg/L	1,2,4-Trimethyl benzene µg/L	1,3,5-Trimethyl benzene µg/L	Vinyl Chloride µg/L	Groundwater Elevation (feet msl)
MW-21		**Top of Well Screen in Feet MSL: 606.93**					**Length of Well Screen: 10 ft.**						
	8-30-06	<0.41	<0.99	<0.83	<0.89	<0.57	<0.75	*2.0*	<0.48	<0.97	<0.83	<0.18	598.22
	11-13-06	<0.41	<0.99	<0.83	<0.89	<0.57	<0.75	<0.45	<0.48	<0.97	<0.83	<0.18	609.52
	5-22-13	<0.50	<0.40	<0.42	<0.37	<0.43	<0.51	<0.47	<0.43	<0.57	<2.5	<0.18	609.68
MW-23		**Top of Well Screen in Feet MSL: 607.54**					**Length of Well Screen: 10 ft.**						
	8-30-06	<0.41	<0.99	<0.83	<0.89	<0.57	<0.75	<0.45	<0.48	<0.97	<0.83	<0.18	599.38
	11-13-06	<0.41	<0.99	<0.83	<0.89	<0.57	<0.75	<0.45	<0.48	<0.97	<0.83	<0.18	611.12
	5-22-13	<0.50	<0.40	<0.42	<0.37	<0.43	<0.51	<0.47	<0.43	<0.57	<2.5	<0.18	613.43
MW-24		**Top of Well Screen in Feet MSL: 611.31**					**Length of Well Screen: 10 ft.**						
	8-30-06	<0.41	<0.99	<0.83	<0.89	<0.57	<0.75	<0.45	<0.48	<0.97	<0.83	<0.18	599.63
	11-14-06	<0.41	<0.99	<0.83	<0.89	<0.57	<0.75	<0.45	*0.96* J	<0.97	<0.83	<0.18	611.80
	5-22-13	<0.50	<0.40	<0.42	<0.37	<0.43	<0.51	<0.47	<0.43	<0.57	<2.5	<0.18	613.33
MW-26		**Top of Well Screen in Feet MSL: 606.53**					**Length of Well Screen: 10 ft.**						
	8-31-06	<0.41	<0.99	**120**	4.9	<0.57	<0.75	<0.45	<0.48	<0.97	<0.83	**13**	595.91
	11-14-06	<0.82	<2.0	**170**	6.4	<1.1	<1.5	<0.90	<0.96	<1.9	<1.7	**23**	610.96
	5-22-13	<0.50	<0.40	**66.3**	4.4	<0.43	<0.51	<0.47	<0.43	<0.57	<2.5	**3.3**	610.50
PAL		*0.5*	*200*	*7*	*20*	*0.7*	*NE*	*0.5*	*0.5*	*96* *	*96* *	*0.02*	
ES		**5**	**1000**	**70**	**100**	**7**	**NE**	**5**	**5**	**480***	**480***	**0.2**	

Z Analytical method SW-846 8021B results were reported because analyte was not detected by the 8260 method or was detected at a higher concentration in the 8021B method.
* PAL and ES values are for total trimethylebenzenes (both 1,2,4- and 1,3,5-)
Dup = Duplicate sample
PAL = Preventive action limit established under Wisconsin Administrative Code NR140.10 Table 1, November 2006, Exceedances are *Italic*.
ES = Enforcement standard established under Wisconsin Administrative Code NR140.10 Table 1, November 2006, Exceedances are **Bold**.
J = Estimated concentration below the laboratory practical quantitation limit, but above the method detection limit.
µg/L = Micrograms per Liter.

Table 5
Field-Measured Groundwater Parameters
C & L Industrial Cleaners Kenosha, WI
AECOM Project 60289643

	Sample Date	pH Units	Dissolved Oxygen (mg/l)	ORP (Milivolts)	Conductivity (Microohm/cm)	Temperature (° Celcius)	Groundwater Elevation (ft)*
B-3	**Top of Well Screen in Feet MSL: 603.07**			**Length of Well Screen: 10 ft.**			
	8/30/2006	7.62	0.86	-29	1.05	15.3	599.19
	11/13/2006	6.79	2.56	-103	1.10	13.3	611.30
	5/22/2013	7.24	4.71	50.5	0.19	15.1	613.79
B-5	**Top of Well Screen in Feet MSL: 612.78**			**Length of Well Screen: 10 ft.**			
	8/30/2006	7.48	0.50	62	0.79	16.5	599.19
	11/13/2006	6.51	0.46	-22	1.10	12.6	612.75
	5/22/2013	6.74	0.57	49	0.76	9.5	613.36
B-6	**Top of Well Screen in Feet MSL: 614.87**			**Length of Well Screen: 10 ft.**			
	8/30/2006	7.21	0.40	-78	1.68	15.8	599.30
	11/13/2006	6.57	0.25	-114	1.41	13.1	612.61
	5/22/2013	6.70	1.60	31.9	1.00	8.6	613.22
B-7	**Top of Well Screen in Feet MSL: 600.03**			**Length of Well Screen: 10 ft.**			
	8/31/2006	7.40	0.69	66	1.02	14.6	598.63
	5/22/2013	6.61	0.69	55.9	1.39	9.1	612.76
B-12	**Top of Well Screen in Feet MSL: 609.41**			**Length of Well Screen: 10 ft.**			
	8/31/2006	7.31	0.85	-113	1.16	15.5	596.47
	11/14/2006	6.71	0.28	-178	2.14	12.9	611.24
	5/22/2013	6.76	5.54	55.9	1.37	9.6	610.81
B-16	**Top of Well Screen in Feet MSL: 607.28**			**Length of Well Screen: 5 ft.**			
	8/31/2006	7.33	0.67	-63	1.20	13.9	594.14
	5/23/2013	6.75	0.61	-20.8	1.29	8.6	606.92
MW-1	**Top of Well Screen in Feet MSL: 612.43**			**Length of Well Screen: 10 ft.**			
	8/30/2006	7.38	0.42	26	1.17	15.8	599.51
	11/13/2006	6.76	0.90	-55	1.36	12.8	612.35
	5/23/2013	6.63	0.60	31.6	1.35	8.9	612.97
MW-2	**Top of Well Screen in Feet MSL: 613.25**			**Length of Well Screen: 10 ft.**			
	8/30/2006	7.42	0.93	56	1.54	15.8	599.41
	5/22/2013	6.76	5.54	55.9	1.37	9.6	613.42
MW-3	**Top of Well Screen in Feet MSL: 610.78**			**Length of Well Screen: 10 ft.**			
	8/30/2006	7.12	0.56	-91	1.43	14.8	595.43
	11/14/2006	6.57	0.49	-111	1.35	11.6	610.18
	5/23/2013	6.42	1.73	-5.3	1.77	8.3	609.77
MW-4	**Top of Well Screen in Feet MSL: 603.19**			**Length of Well Screen: 10 ft.**			
	8/31/2006	7.65	1.05	52	0.91	16.0	599.74
	11/13/2006	6.79	2.94	51	0.63	13.5	611.19
	5/22/2013	6.95	4.53	41.2	0.83	10.6	612.89
PZ-4	**Top of Well Screen in Feet MSL: 594.25**			**Length of Well Screen: 5 ft.**			
	5/22/2013	7.25	1.21	-24.9	1.09	12.6	610.32

Table 5
Field-Measured Groundwater Parameters
C & L Industrial Cleaners Kenosha, WI
AECOM Project 60289643

	Sample Date	pH Units	Dissolved Oxygen (mg/l)	ORP (Milivolts)	Conductivity (Microohm/cm)	Temperature (° Celcius)	Groundwater Elevation (ft)*
MW-5	**Top of Well Screen in Feet MSL: 613.53**			**Length of Well Screen: 10 ft.**			
	8/31/2006	7.35	0.50	-67	1.71	17.3	599.79
	11/13/2006	6.73	0.49	-80	1.92	13.8	611.28
	5/22/2013	6.70	1.42	40.1	1.16	10.0	613.14
MW-5P	**Top of Well Screen in Feet MSL: 593.6**			**Length of Well Screen: 5 ft.**			
	8/31/2006	7.89	0.40	-132	0.97	14.2	598.51
	11/13/2006	7.18	0.35	-198	0.97	12.3	610.36
	5/22/2013	7.05	1.08	38.1	0.99	11.6	610.70
MW-6	**Top of Well Screen in Feet MSL: 613.25**			**Length of Well Screen: 10 ft.**			
	12/1/2004	7.21	0.40	-78	1.68	15.8	599.22
	11/13/2006	6.97	0.55	-138	1.68	12.5	613.59
	5/23/2013	6.88	0.82	0.4	1.53	8.9	613.99
MW-20	**Top of Well Screen in Feet MSL: 613.17**			**Length of Well Screen: 10 ft.**			
	8/31/2006	7.33	0.62	-59	1.41	16.8	599.88
	11/14/2006	6.75	1.78	-81	1.85	13.8	611.21
	5/22/2013	6.71	5.82	42.5	0.92	11.8	612.79
PZ-20	**Top of Well Screen in Feet MSL: 597.75**			**Length of Well Screen: 5 ft.**			
	5/22/2013	7.10	1.21	-21.9	1.15	12.6	610.45
MW-21	**Top of Well Screen in Feet MSL: 609.38**			**Length of Well Screen: 10 ft.**			
	8/30/2006	7.70	1.22	-95	3.18	14.9	598.22
	11/13/2006	6.79	1.04	50	1.97	13.8	609.52
	5/23/2013	6.73	0.79	56.3	4.23	9.9	609.68
MW-23	**Top of Well Screen in Feet MSL: 613.40**			**Length of Well Screen: 10 ft.**			
	8/30 & 31/06	7.74	1.09	38	0.59	16.1	599.38
	11/13/2006	6.99	2.43	114	0.65	12.3	611.12
	5/23/2013	6.99	5.96	50.3	0.56	10.0	613.43
MW-24	**Top of Well Screen in Feet MSL: 613.27**			**Length of Well Screen: 10 ft.**			
	8/30/2006	7.31	0.52	-7	2.13	17.2	599.63
	11/14/2006	6.74	0.78	-54	2.49	14.4	611.80
	5/22/2013	6.61	1.30	47.6	1.62	10.6	613.33
MW-26	**Top of Well Screen in Feet MSL: 608.17**			**Length of Well Screen: 10 ft.**			
	8/31/2006	7.37	0.62	-30	1.16	15.7	595.91
	11/14/2006	6.89	0.64	-143	1.23	12.4	610.96
	5/23/2013	6.61	0.51	22	1.45	9.2	610.50

Notes:

mg/l = milligrams per liter.

ft = feet

msl = mean sea level

NM = Not Measured

*Wells resurveyed in 2013

Table 6
Soil GasLaboratory Analytical Results
C & L Industrial Cleaners Kenosha, WI
AECOM Project 60289643

Parameters	Region III Infoor Air Calculated Risk Screening Levels				VP-1	VP-2	VP-3	VP-4
	Resident Air	w/attenuation factor 0.01	Industrial Air	w/attenuation factor 0.01	5/22/2013	5/22/2013	5/22/2013	5/22/2013
VOCs (ug/m3)								
cis-1,2-Dichloroethylene	NE	NE	NE	NE	<0.21	<0.22	<0.24	<0.25
Tetrachloroethene	9.4E+00	940	4.7E+01	4700	**2840**	273	21.5	33.4
Trichloroethene	4.3E-01	43	3.0E+00	300	4.2	<0.39	<0.42	<0.44
Vinyl chloride	1.6E-01	16	2.8E+00	280	<0.18	<0.19	<0.20	<0.21

Notes:

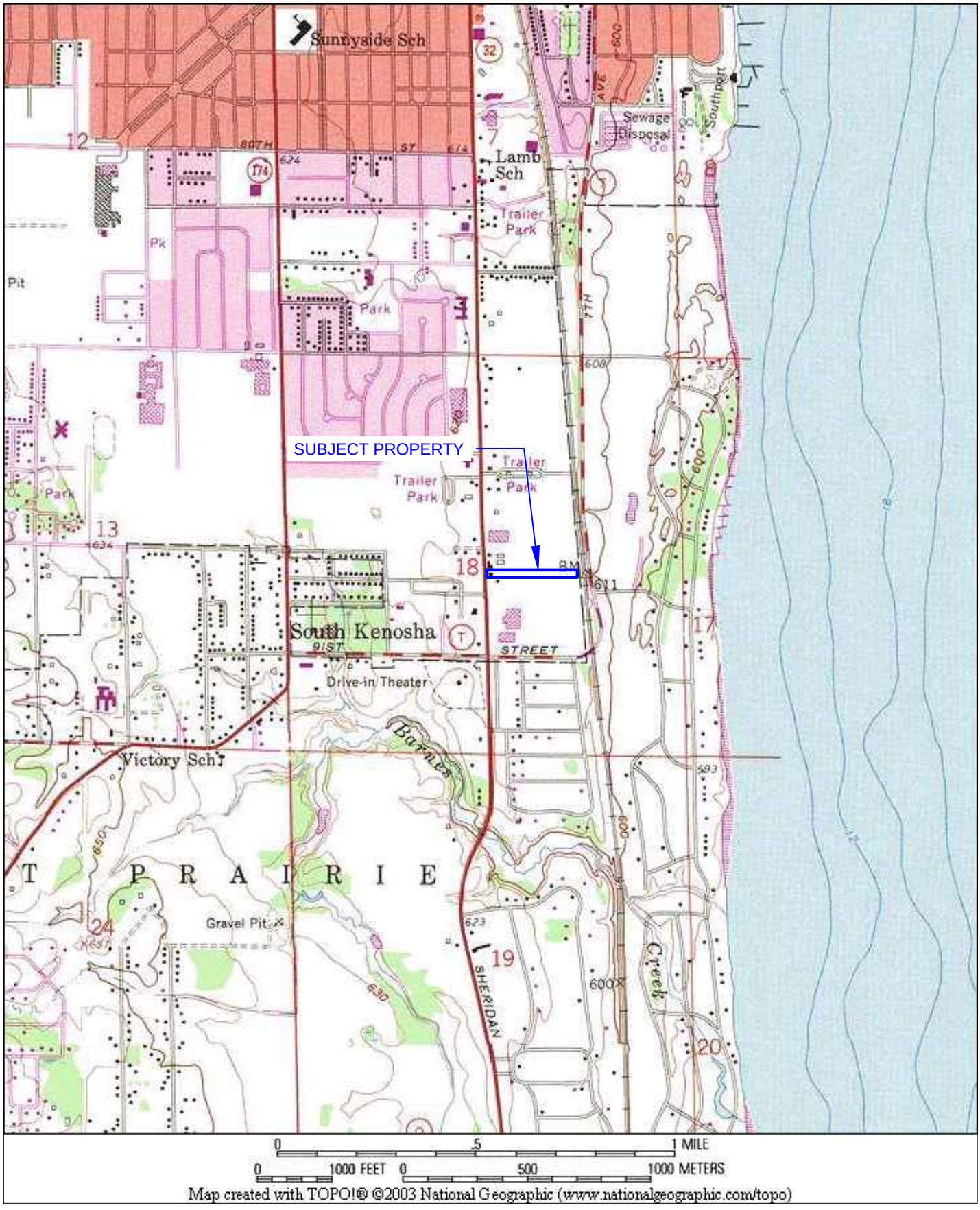
VOCs = Volatile Organic Compounds

ug/m3 = micrograms per cubic meter

NE No Generic RCL established.

Screening level and attenuation factor from WDNR Pub-RR-800, December 2010

Figures



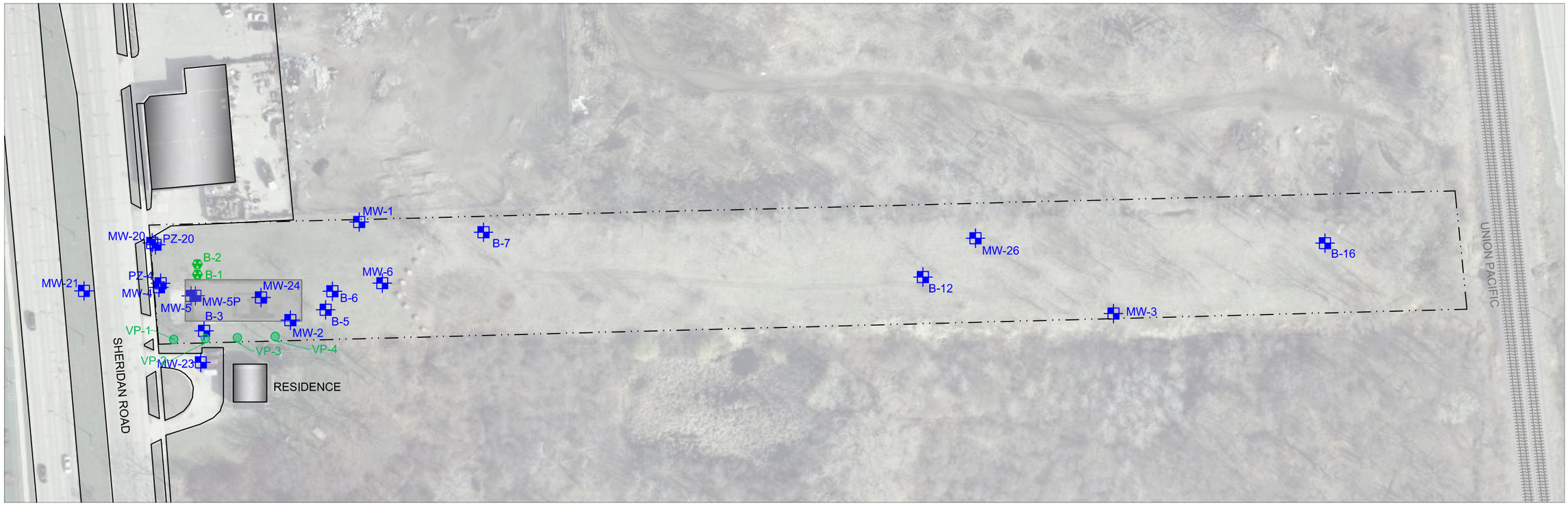
AECOM
Milwaukee Office
1555 RiverCenter Dr
Milwaukee, WI
414.944.6080

C&L Cleaners

SITE LOCATION

8927 SHERIDAN ROAD
KENOSHA, WISCONSIN

Project Number:	Drawn By:	Date:	Figure No. 1
60289643	SAE	6/21/2013	



LEGEND:

- PROPERTY BOUNDARY
- RAILROAD TRACKS
- MW-6 MONITORING WELL (P indicates Piezometer)
- VP-1 VAPOR PROBE
- B-1 GEOPROBE (for waste characterization)

NOTES:

1. AERIAL MAP FROM KENOSHA COUNTY GIS WEBSITE (http://wi-kenoshacounty.civicplus.com/index.aspx?NID=673)

0' 50' 100' 200'
SCALE

N

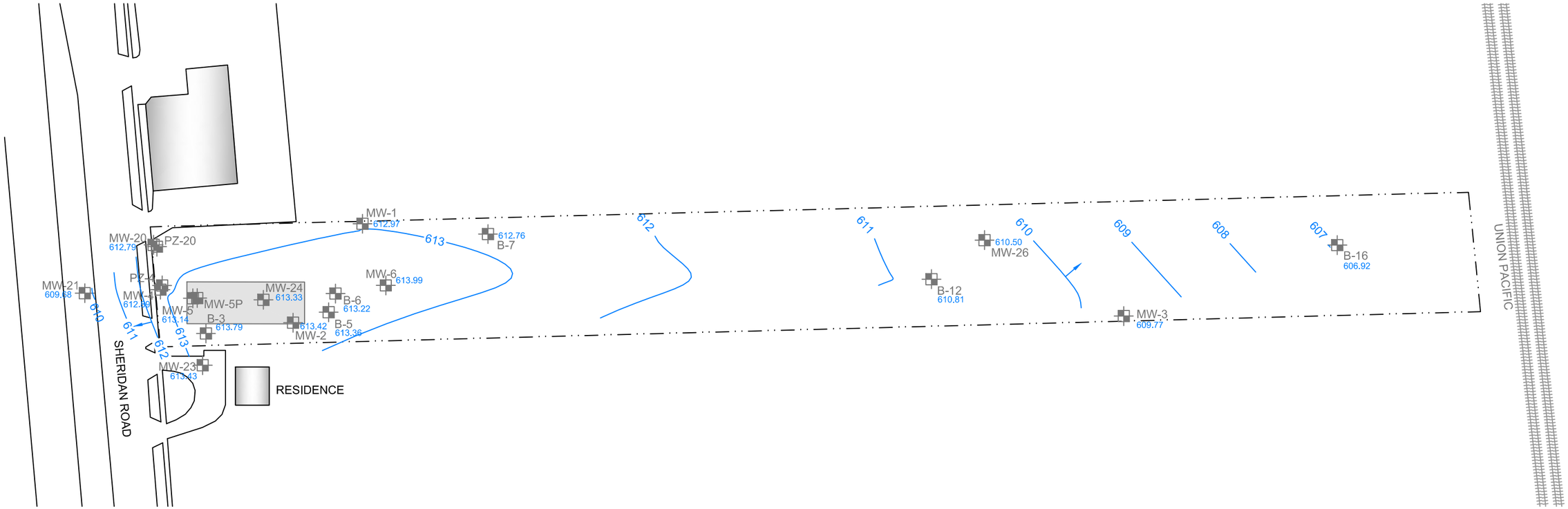
AECOM
Milwaukee Office
1555 RiverCenter Dr
Milwaukee, WI
414.944.6080

C&L Cleaners

SITE LAYOUT & 2013 SAMPLE LOCATIONS

8927 SHERIDAN ROAD
KENOSHA, WISCONSIN

Project Number:	Drawn By:	Date:	Figure No. 2
60289643	SAE	6/21/2013	



LEGEND:

- PROPERTY BOUNDARY
- RAILROAD TRACKS
- MW-6 — MONITORING WELL (P indicates Piezometer)
- GROUNDWATER CONTOUR
- GROUNDWATER FLOW DIRECTION

0' 50' 100' 200'

SCALE

N

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Milwaukee Office
1555 RiverCenter Dr
Milwaukee, WI
414.944.6080

AECOM

C&L Cleaners

GROUNDWATER FLOW
WATER TABLE WELLS
8927 SHERIDAN ROAD
KENOSHA, WISCONSIN

Project Number:	Drawn By:	Date:	Figure No. 3
60289643	6/24/2013	SAE	

MW-1

MW-20

PZ-20

610.45

PZ-4

610.32

MW-4

610.4

610.5

610.6

MW-5

610.70

MW-5P

MW-21

MW-24

MW-6

B-6

B-3

B-5

MW-2

MW-23

SHERIDAN ROAD

RESIDENCE

LEGEND:

PROPERTY BOUNDARY

RAILROAD TRACKS

MW-6

MONITORING WELL
(P indicates Piezometer)

GROUNDWATER CONTOUR

GROUNDWATER FLOW DIRECTION

0' 15' 30' 60'

SCALE

N

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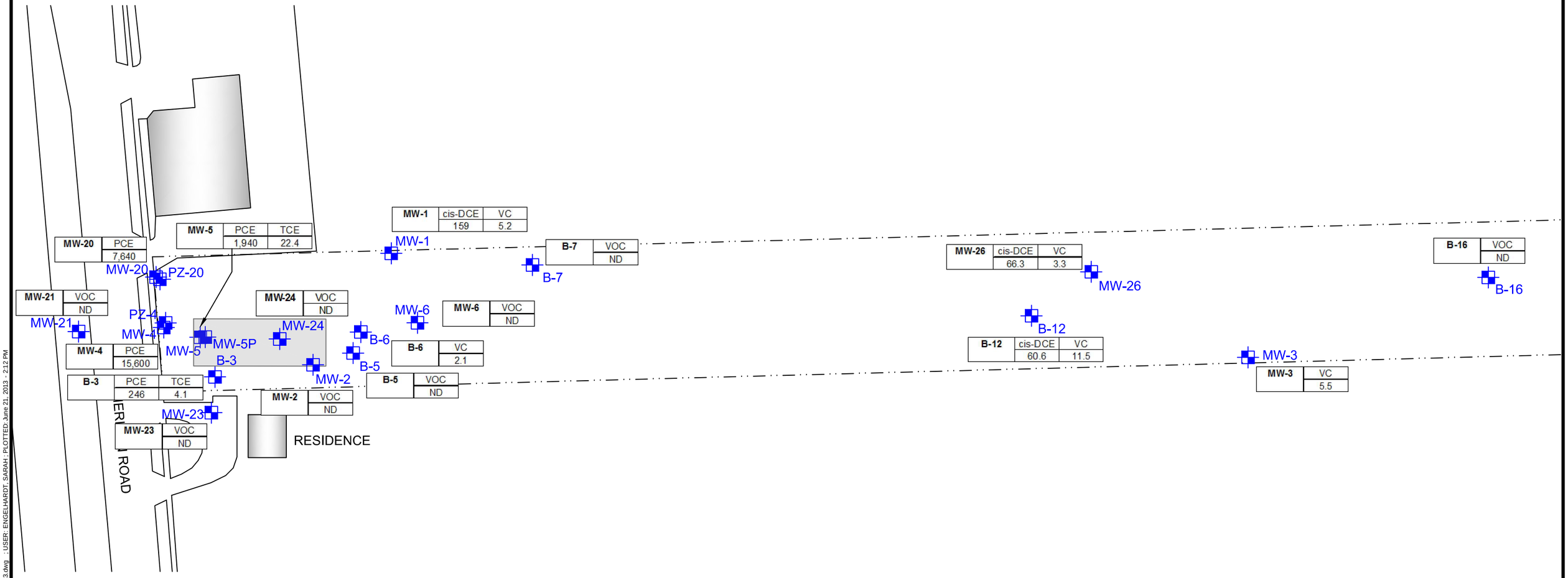
Milwaukee Office
1555 RiverCenter Dr
Milwaukee, WI
414.944.6080

C&L Cleaners

GROUNDWATER FLOW
PIEZOMETERS
8927 SHERIDAN ROAD
KENOSHA, WISCONSIN

Project Number:	Drawn By:	Date:	Figure No. 4
60289643	SAE	6/24/2013	



LEGEND:

- PROPERTY BOUNDARY
- RAILROAD TRACKS
- MW-6 MONITORING WELL (P indicates Piezometer)
- CONCRETE PAD
- BUILDING

NOTES:

ES = Enforcement standard established under Wisconsin Administrative Code NR140.10 Table 1, November 2006
µg/L = Micrograms per Liter (all results are in µg/L)
VOC = Volatile Organic Compounds
ND = No Detect
PCE = Tetrachloroethene
TCE = Trichloroethene
cis-DCE = cis-1,2-Dichloroethene
VC = Vinyl Chloride

0' 40' 80' 160'
SCALE

N

AECOM
Milwaukee Office
1555 RiverCenter Dr
Milwaukee, WI
414.944.6080

C&L Cleaners

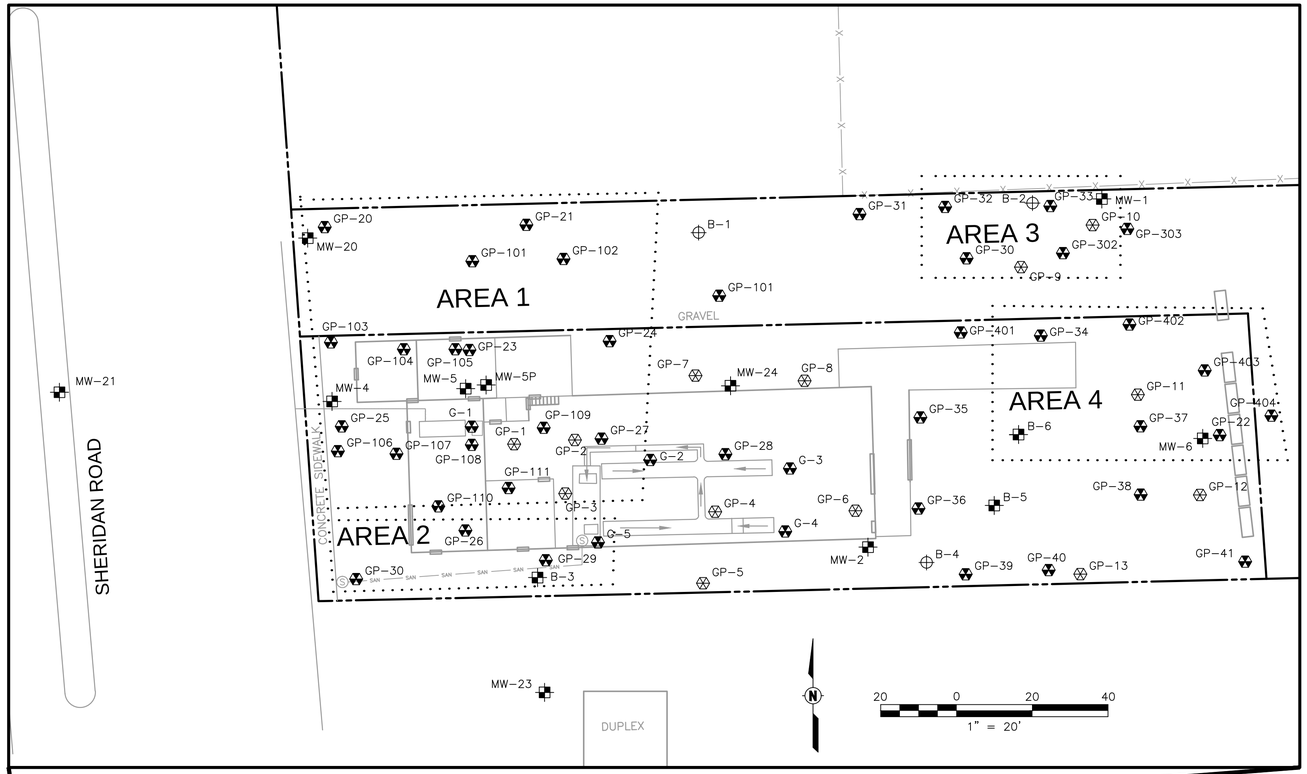
MAY 2013 GROUNDWATER
ES EXCEEDANCES
8927 SHERIDAN ROAD
KENOSHA, WISCONSIN

Project Number:	Drawn By:	Date:
60289643	6/21/2013	SAE

Figure No. 5

Appendix A

Historical Sample Locations and Extent of Impact Figures



LEGEND

- STS GEOPROBE/ TEMPORARY WELL LOCATIONS G1 TO G-6, GP-20 TO GP-48, GP-101 TO GP-111, GP301 TO GP-303, GP-401 TO GP-404 AND GP-601 TO GP-602
- TNA GEOPROBE BORING LOCATIONS GP-1 TO GP-13
- GROUNDWATER MONITORING WELL LOCATIONS
- SOIL BORING LOCATIONS
- TEST PIT FROM PHASE II ENVIRONMENTAL SITE ASSESSMENT
- FENCE
- SANITARY SEWER
- SUMP TO SANITARY SEWER(INSIDE BUILDING) OR SANITARY SEWER MANHOLE(OUTSIDE BUILDING)
- DIRECTION OF WATER FLOW IN FORMER FLOOR DRAINAGE TRENCHES
- CONCRETE BARRIER BLOCK
- APPROXIMATE PROPERTY BOUNDARY
- INVESTIGATION AREAS

STS CONSULTANTS
11425 W. Lake Park Drive
Milwaukee, WI 53224
414-359-3030
www.stsconsultants.com

C & L INDUSTRIAL CLEANERS
8927 SHERIDAN ROAD
KENOSHA, WISCONSIN

MONITORING WELL AND PROBE LOCATIONS

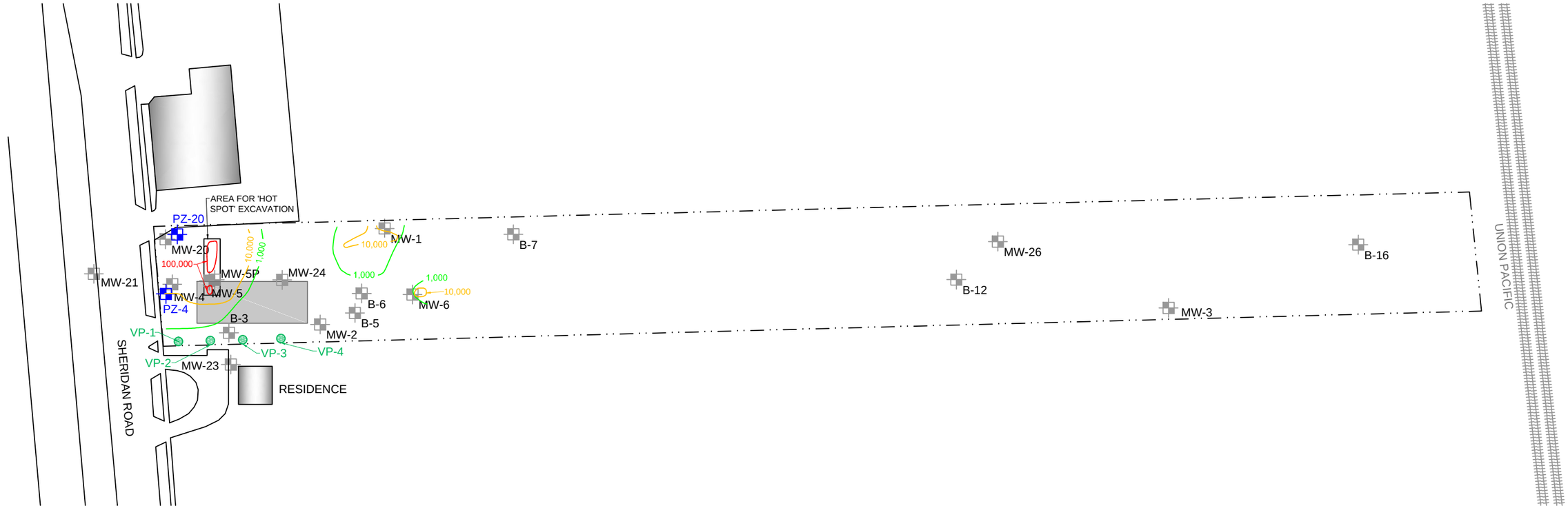
Issued

Rev	Date	Description

Designed:		
Drawn:	CJH	9/19/2006
Checked:	LLA	9/19/2006
Approved:	LLA	9/19/2006

PROJECT NUMBER
200603327

SHEET REFERENCE NUMBER
A1



LEGEND:

- PROPERTY BOUNDARY
- RAILROAD TRACKS
- MW-6 — MONITORING WELL (P indicates Piezometer)
- PZ-4 — PROPOSED PIEZOMETER
- VP-1 — PROPOSED VAPOR INTRUSION MONITORING POINT
- 'HOT SPOT' EXCAVATION AREA
- TETRACHLOROETHENE CONCENTRATION CONTOURS:
  - PCE >100,000 ug/kg (red)
  - PCE >10,000 ug/kg (yellow)
  - PCE >1,000 ug/kg (green)

0' 50' 100' 200'
SCALE

N

AECOM
Milwaukee Office
1555 RiverCenter Dr
Milwaukee, WI
414.944.6080

AECOM

C&L Cleaners

TETRACHLORETHENE CONCENTRATIONS IN SOIL

8927 SHERIDAN ROAD
KENOSHA, WISCONSIN

Project Number:	Drawn By:	Date:	Figure No A2
60289643	3/20/2013	SAE	

File: P:\Proposal\189878 C&L Indust Cl\Kenosha\CADD\C&L 2013.dwg , USER: ENGELHARDT, SARAH , PLOTTED: March 20, 2013 - 2:59 PM

Appendix B

Soil Boring Logs, Boring Abandonment Forms, Monitoring Well Construction and Development Logs

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
C&L Industrial Cleaners		B-1

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental Services	5/10/2013	5/10/2013	geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.00 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
	Kenosha	30	Kenosha

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	60 36			Fill: Brown, medium, slightly moist, non-plastic 4" concrete/gravel seam	Fill			0						
			2.5	Brown, sandy silt, slightly moist, non-plastic, loose				0						
								0						
2	60 48		5.0	Becomes wet	SM			0 0						
			7.5					0						
			10.0	Gray, silty sand, wet, non-plastic, trace pebbles End of boring at 10.0 ft. bgs	SM			0						

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

Signature	Firm	Tel: / Fax:
	AECOM	

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

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
C&L Industrial Cleaners		B-2

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental Services	5/10/2013	5/10/2013	geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.00 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
	Kenosha	30	Kenosha

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	60 40		0 2.5	Fill: Brown, medium, slightly moist, non-plastic 3" concrete/gravel seam Brown, sandy silt, slightly moist, non-plastic, loose, trace clay	Fill			0 0						
2	60 60		5.0 7.5	Becomes wet	SM			0 0 0						
			10.0	Gray, sandy clay, wet, low plasticity, trace pebbles End of boring at 10.0 ft. bgs	SC			0						

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

Signature	Firm	Tel:
	AECOM	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

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
C&L Industrial Cleaners		PZ-4

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental Services	5/10/2013	5/10/2013	geoprobe/HSA

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
VM547	VM547	PZ-4	Feet MSL	617.96 Feet MSL	8.25 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane 205609.6 N, 2554718.7 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
	Kenosha	30	Kenosha

Sample 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	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	60 24		0	Fill: Brown (10YR 4/2), silty clay, soft, slightly moist, low plasticity, cohesive, massive	Fill			0						
			2.5	Light brown (10YR 5/3), fine to medium sand, well sorted, slightly moist, non-plastic, noncohesive	SM			0						
2	60 36		5.0	Light brown (10YR 5/3), fine to medium sand, well sorted, slightly moist, low plasticity, noncohesive, trace clay				0						
			7.5		SM			0						
				Becomes gray and wet				0						
3	60 36		10.0	Gray (10YR 5/1), clay, moist, medium plasticity, cohesive, massive, trace fine to medium sand				0						
			12.5		CL			0						
4	60 48		15.0	Gray (10YR 5/1), sandy clay, moist, medium, low plasticity, slightly cohesive, massive, trace silt				0						
			17.5					0						
5	60 48		20.0					0						
			22.5		ML			0						
								0						
6	60 60		25.0					0						
			27.5					0						
			30.0	End of boring at 30.0 ft. bgs				0						

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

Signature	Firm	Tel:
	AECOM	Fax:

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State of Wisconsin
Department of Natural Resources

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

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

Facility/Project Name: C&L Industrial Cleaners	Local Grid Location of Well: ____ft. ☐ N. ☐ S. ____ft. ☐ E. ☐ W.	Well Name: PZ-4
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: VM547 / DNR Well Number: VM547
Facility ID	St. Plane ____ ft. N, ____ ft. E. S/C/N	Date Well Installed: 05/10/2013
Type of Well	Section Location of Waste/Source: ____1/4 of ____ 1/4 of Sec. ____, T. ____ N, R. ____ ☐ E ☐ W	Well Installed By: (Person's Name and Firm): Tony Kapugi; On-Site Environmental Services
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 ____ ft.

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

13. Sieve analysis attached? ☐ Yes ☒ No

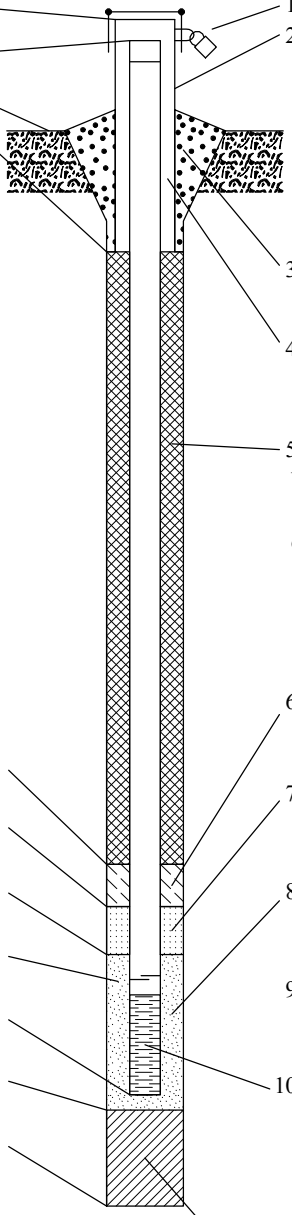
14. Drilling method used: Rotary ☐ 5 0 / Hollow Stem Auger ☒ 4 1 / Other ☐

15. Drilling fluid used: Water ☐ 0 2 / Air ☐ 0 1 / Drilling Mud ☐ 0 3 / None ☒ 9 9

16. Drilling additives used? ☐ Yes ☒ No
Describe ____

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

E. Bentonite seal, top ____ ft. MSL or 0.00 ft.
F. Fine sand, top ____ ft. MSL or 22.50 ft.
G. Filter pack, top ____ ft. MSL or 24.00 ft.
H. Screen joint, top ____ ft. MSL or 25.00 ft.
I. Well bottom ____ ft. MSL or 30.00 ft.
J. Filter pack, bottom ____ ft. MSL or 30.00 ft.
K. Borehole, bottom ____ ft. MSL or 30.50 ft.
L. Borehole, diameter 8.25 in.
M. O.D. well casing ____ in.
N. I.D. well casing 2.00 in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 12.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☒ 0 4 / Other ☐
d. Additional protection? ☐ Yes ☒ No
If yes, describe: ____
3. Surface seal: Bentonite ☐ 3 0 / Concrete ☒ 0 1 / Other ☐
4. Material between well casing and protective pipe: Bentonite ☒ 3 0 / Other ☐
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 3 3
b. ____Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 3 5
c. ____Lbs/gal mud weight . . . Bentonite slurry ☐ 3 1
d. ____% Bentonite . . . Bentonite-cement grout ☐ 5 0
e. 5 Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 0 1 / Tremie pumped ☐ 0 2 / Gravity ☒ 0 8
6. Bentonite seal: a. Bentonite granules ☐ 3 3
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite chips ☒ 3 2
c. 5 bags Other ☐
7. Fine sand material: Manufacturer, product name & mesh size
a. ____
b. Volume added 1.5 ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. ____
b. Volume added 1.5 ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 2 3 / Flush threaded PVC schedule 80 ☐ 2 4 / Other ☐
10. Screen material: PVC
a. Screen Type: Factory cut ☒ 1 1 / Continuous slot ☐ 0 1 / Other ☐
b. Manufacturer Monoflex
c. Slot size: 0.100 in.
d. Slotted length: ____ ft.
11. Backfill material (below filter pack): None ☒ 1 4 / Other ☐

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

Signature | Firm: AECOM | Tel: | Fax:

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 ☒ Other ☐

Facility/Project Name	County Name	Well Name
C&L Industrial Cleaners	Kenosha	PZ-4

Facility License, Permit or Monitoring Number	County Code	Wisconsin Unique Well Number	DNR Well Number
		VM547	VM547

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

2. Well development method

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

3. Time spent developing well: 50 min.

4. Depth of well (from top of well casing): 31.82 ft.

5. Inside diameter of well: 2.0 in.

6. Volume of water in filter pack and well casing: 3.19 gal.

7. Volume of water removed from well: 10.0 gal.

8. Volume of water added (if any): — gal.

9. Source of water added: —

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

	Before Development	After Development
11. Depth to Water (from top of well casing) a.	12.25 ft.	ft.
Date b.	05/10/2013 (mm/dd/yyyy)	05/10/2013 (mm/dd/yyyy)
Time c.	1145 ☐ a.m. ☒ p.m.	1235 ☐ a.m. ☒ p.m.
12. Sediment in well bottom	— inches	— inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15	Clear ☒ 20 Turbid ☐ 25
	(Describe) dark brown, thick, cloudy	(Describe) slightly cloudy
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: Lee Last Name: Wilson
Firm: AECOM

16. Additional comments on development:
Purged well dry (~4 gallons), allowed to recharge, purged well dry (~3 gallons), allowed to recharge, purged well dry (~3 gallons) – clear, slightly cloudy. Well development complete.

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Last Name:
Facility/Firm: AECOM
Street:
City/State/Zip: Milwaukee WI

I hereby certify that the above information is correct and true to the best of my knowledge
Signature: Lee M. Wilson
Print Name: Lee Wilson
Firm: AECOM

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

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
C&L Industrial Cleaners		PZ-20

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental Services	5/10/2013	5/10/2013	geoprobe/HSA

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
VM548	VM548	PZ-20	Feet MSL	618.20 Feet MSL	8.25 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane 205646.6 N, 2554713.8 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
	Kenosha	30	Kenosha

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	60 52		0	Fill: Brown (10YR 4/2), silty sand, soft, slightly moist, non-plastic, trace gravel	Fill			0						
			2.5	Tan (10YR 7/1), fine to medium silty sand, soft, moist, non-plastic, trace clay	SM			0						
				Tan 3" clay seam, moist, low plasticity				0						
2	60 60		5.0	Gray (10YR 6/1), sandy silt, soft, wet, non-plastic	CL			0 0						
			7.5	Gray (10YR 6/1), silty sand, soft, moist, non-plastic, trace lean clay				0						
3	60 60		10.0					0						
			12.5					0 0						
4	60 60		15.0	Becomes wet				0 0						
			17.5		SM			0 0						
5	60 60		20.0					0 0						
			22.5					0 0						
6	60 60		25.0					0						
			27.5					0						
			30.0	End of boring at 30.0 ft. bgs				0						

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

Signature	Firm AECOM	Tel: Fax:

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State of Wisconsin
Department of Natural Resources

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

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

Facility/Project Name: C&L Industrial Cleaners	Local Grid Location of Well: ____ft. ☐ N. ☐ S. ____ft. ☐ E. ☐ W.	Well Name: PZ-20
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: VM548 / DNR Well Number: VM548
Facility ID	St. Plane ____ ft. N, ____ ft. E. S/C/N	Date Well Installed: 05/10/2013
Type of Well	Section Location of Waste/Source: ____1/4 of ____ 1/4 of Sec. ____, T. ____ N, R. ____ ☐ E ☐ W	Well Installed By: (Person's Name and Firm): Tony Kapugi; On-Site Environmental Services
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 ____ ft.

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

13. Sieve analysis attached? ☐ Yes ☒ No

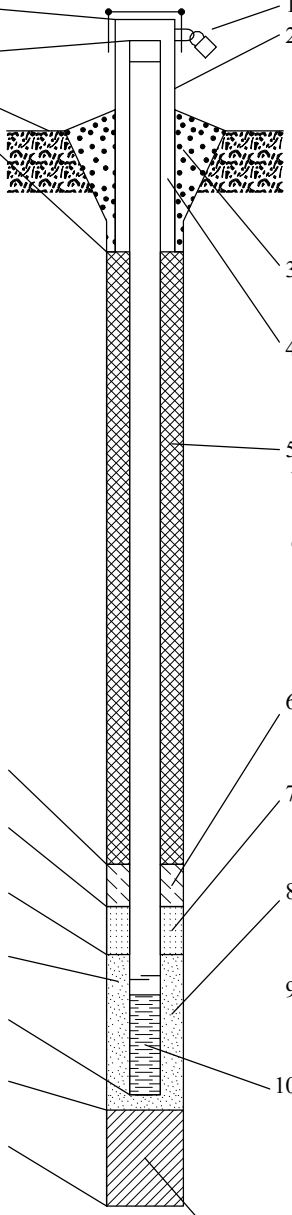
14. Drilling method used: Rotary ☐ 5 0
Hollow Stem Auger ☒ 4 1
____ Other ☐

15. Drilling fluid used: Water ☐ 0 2 Air ☐ 0 1
Drilling Mud ☐ 0 3 None ☒ 9 9

16. Drilling additives used? ☐ Yes ☒ No
Describe ____

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

E. Bentonite seal, top ____ ft. MSL or 0.00 ft.
F. Fine sand, top ____ ft. MSL or 22.50 ft.
G. Filter pack, top ____ ft. MSL or 24.00 ft.
H. Screen joint, top ____ ft. MSL or 25.00 ft.
I. Well bottom ____ ft. MSL or 30.00 ft.
J. Filter pack, bottom ____ ft. MSL or 30.00 ft.
K. Borehole, bottom ____ ft. MSL or 30.50 ft.
L. Borehole, diameter 8.25 in.
M. O.D. well casing ____ in.
N. I.D. well casing 2.00 in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 12.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☒ 0 4
____ Other ☐
d. Additional protection? ☐ Yes ☒ No
If yes, describe: ____
3. Surface seal: Bentonite ☐ 3 0
Concrete ☒ 0 1
____ Other ☐
4. Material between well casing and protective pipe:
Bentonite ☒ 3 0
____ Other ☐
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 3 3
b. ____Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 3 5
c. ____Lbs/gal mud weight . . . Bentonite slurry ☐ 3 1
d. ____% Bentonite . . . Bentonite-cement grout ☐ 5 0
e. 5 Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 0 1
Tremie pumped ☐ 0 2
Gravity ☒ 0 8
6. Bentonite seal: a. Bentonite granules ☐ 3 3
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite chips ☒ 3 2
c. 5 bags Other ☐
7. Fine sand material: Manufacturer, product name & mesh size
a. ____
b. Volume added 1.5 ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. ____
b. Volume added 1.5 ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 2 3
Flush threaded PVC schedule 80 ☐ 2 4
____ Other ☐
10. Screen material: PVC
a. Screen Type: Factory cut ☒ 1 1
Continuous slot ☐ 0 1
____ Other ☐
b. Manufacturer Monoflex
c. Slot size: 0.100 in.
d. Slotted length: ____ ft.
11. Backfill material (below filter pack): None ☒ 1 4
____ Other ☐

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

Signature | Firm: AECOM | Tel: | Fax:

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State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	County Name	Well Name
C & L Industrial Cleaners	Kenosha	PZ-20

Facility License, Permit or Monitoring Number	County Code	Wisconsin Unique Well Number	DNR Well Number
		VM548	VM548

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

2. Well development method

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

3. Time spent developing well: 20.0 min.

4. Depth of well (from top of well casing): 29.90 ft.

5. Inside diameter of well: 2.0 in.

6. Volume of water in filter pack and well casing: 3.47 gal.

7. Volume of water removed from well: 27.0 gal.

8. Volume of water added (if any): — gal.

9. Source of water added: —

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

		Before Development	After Development
11. Depth to Water (from top of well casing)	a.	8.61 ft.	10.02 ft.
Date	b.	05/10/2013 mm/dd/yyyy	05/10/2013 mm/dd/yyyy
Time	c.	1325 ☒ p.m. ☐ a.m.	1345 ☒ p.m. ☐ a.m.
12. Sediment in well bottom		— inches	— inches
13. Water clarity		Clear ☐ 10 Turbid ☒ 15	Clear ☒ 20 Turbid ☐ 25
		(Describe) brown, cloudy	(Describe) clear

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

	Before Development	After Development
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: Lee Last Name: Wilson
Firm: AECOM

16. Additional comments on development:
Purged well until water ran clear.

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Last Name:
Facility/Firm: AECOM
Street:
City/State/Zip: Milwaukee WI

I hereby certify that the above information is correct and true to the best of my knowledge
Signature: Lee M. Wilson
Print Name: Lee Wilson
Firm: AECOM

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

Appendix C

Laboratory Analytical Reports

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

June 04, 2013

Lanette Altenbach
AECOM, Inc.- MILWAUKEE
1555 N River Center Drive
Suite 214
Milwaukee, WI 53212

RE: Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

Dear Lanette Altenbach:
Enclosed are the analytical results for sample(s) received by the laboratory on May 14, 2013. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Some analyses have been subcontracted outside of the Pace Network. The subcontracted laboratory report has been attached.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kang Khang

kang.khang@pacelabs.com
Project Manager

Enclosures

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

Minnesota Certification IDs
1700 Elm Street SE Suite 200, Minneapolis, MN 55414
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: Pace
Florida/NELAP Certification #: E87605
Georgia Certification #: 959
Hawaii Certification #Pace
Idaho Certification #: MN00064
Illinois Certification #: 200011
Kansas Certification #: E-10167
Louisiana Certification #: 03086
Louisiana Certification #: LA080009
Maine Certification #: 2007029
Maryland Certification #: 322
Michigan DEQ Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT CERT0092
Nebraska Certification #: Pace
Nevada Certification #: MN_00064
New Jersey Certification #: MN-002
New York Certification #: 11647
North Carolina Certification #: 530
North Dakota Certification #: R-036
North Dakota Certification #: R-036A
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Tennessee Certification #: 02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia/DCLS Certification #: 002521
Virginia/VELAP Certification #: 460163
Washington Certification #: C754
West Virginia Certification #: 382
Wisconsin Certification #: 999407970

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

Kansas Certification IDs
9608 Loiret Boulevard, Lenexa, KS 66219
A2LA Certification #: 2456.01
Arkansas Certification #: 13-012-0
Illinois Certification #: 003097
Iowa Certification #: 118
Kansas/NELAP Certification #: E-10116
Louisiana Certification #: 03055
Nevada Certification #: KS000212008A
Oklahoma Certification #: 9205/9935
Texas Certification #: T104704407-13-4
Utah Certification #: KS000212013-3
Illinois Certification #: 003097

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SAMPLE SUMMARY

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4077747001	**TB-05102013**	Solid	05/10/13 08:00	05/14/13 08:50
4077747002	**PZ-4/7-9**	Solid	05/10/13 08:45	05/14/13 08:50
4077747003	**PZ-4/29-30**	Solid	05/10/13 09:00	05/14/13 08:50
4077747004	**PZ-20/3-5**	Solid	05/10/13 11:15	05/14/13 08:50
4077747005	**PZ-20/29-30**	Solid	05/10/13 11:20	05/14/13 08:50
4077747006	**WASTE CHARACTERIZATION-COMP**	Solid	05/10/13 14:50	05/14/13 08:50

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SAMPLE ANALYTE COUNT

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4077747001	**TB-05102013**	EPA 8260	SMT	64	PASI-G
4077747002	**PZ-4/7-9**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
4077747003	**PZ-4/29-30**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
4077747004	**PZ-20/3-5**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
4077747005	**PZ-20/29-30**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
4077747006	**WASTE CHARACTERIZATION-COMP**	EPA 8082	BLM	10	PASI-G
		EPA 6010	DLB	10	PASI-G
		EPA 7470	CMS	1	PASI-G
		EPA 8270	ARO	16	PASI-G
		EPA 8260	HNW	13	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
		EPA 1010	DEY	1	PASI-G
		SW-846 7.3.4.2	AJM	1	PASI-K
		EPA 9045	DEY	1	PASI-G
		EPA 9095	DEY	1	PASI-G
		SM 2710F	DEY	1	PASI-G
		EPA 420.1	KEO	1	PASI-M
		SW-846 7.3.3.2	AJM	1	PASI-K

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ANALYTICAL RESULTS

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

Sample: TB-05102013 **Lab ID: 4077747001** Collected: 05/10/13 08:00 Received: 05/14/13 08:50 Matrix: Solid

Results reported on a "wet-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								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	106-43-4	W
1,2-Dibromo-3-chloropropane	**<49.8**	ug/kg	250	49.8	1	05/15/13 14:55	05/17/13 14:49	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	100-42-5	W

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ANALYTICAL RESULTS

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

Sample: TB-05102013 **Lab ID: 4077747001** Collected: 05/10/13 08:00 Received: 05/14/13 08:50 Matrix: Solid

Results reported on a "wet-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	05/15/13 14:55	05/17/13 14:49	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	05/15/13 14:55	05/17/13 14:49	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 14:49	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	92	%	57-130		1	05/15/13 14:55	05/17/13 14:49	1868-53-7	
Toluene-d8 (S)	99	%	54-133		1	05/15/13 14:55	05/17/13 14:49	2037-26-5	
4-Bromofluorobenzene (S)	92	%	49-130		1	05/15/13 14:55	05/17/13 14:49	460-00-4	

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ANALYTICAL RESULTS

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

Sample: PZ-4/7-9 **Lab ID: 4077747002** Collected: 05/10/13 08:45 Received: 05/14/13 08:50 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								
Benzene	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	71-43-2	W
Bromobenzene	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	108-86-1	W
Bromochloromethane	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	74-97-5	W
Bromodichloromethane	**414**	ug/kg	181	75.5	2.5	05/15/13 14:55	05/17/13 09:44	75-27-4	
Bromoform	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	75-25-2	W
Bromomethane	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	74-83-9	W
n-Butylbenzene	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	104-51-8	W
sec-Butylbenzene	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	135-98-8	W
tert-Butylbenzene	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	98-06-6	W
Carbon tetrachloride	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	56-23-5	W
Chlorobenzene	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	108-90-7	W
Chloroethane	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	75-00-3	W
Chloroform	**943**	ug/kg	181	75.5	2.5	05/15/13 14:55	05/17/13 09:44	67-66-3	
Chloromethane	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	74-87-3	W
2-Chlorotoluene	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	95-49-8	W
4-Chlorotoluene	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	106-43-4	W
1,2-Dibromo-3-chloropropane	**<125**	ug/kg	625	125	2.5	05/15/13 14:55	05/17/13 09:44	96-12-8	W
Dibromochloromethane	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	124-48-1	W
1,2-Dibromoethane (EDB)	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	106-93-4	W
Dibromomethane	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	74-95-3	W
1,2-Dichlorobenzene	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	95-50-1	W
1,3-Dichlorobenzene	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	541-73-1	W
1,4-Dichlorobenzene	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	106-46-7	W
Dichlorodifluoromethane	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	75-71-8	W
1,1-Dichloroethane	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	75-34-3	W
1,2-Dichloroethane	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	107-06-2	W
1,1-Dichloroethene	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	75-35-4	W
cis-1,2-Dichloroethene	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	156-59-2	W
trans-1,2-Dichloroethene	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	156-60-5	W
1,2-Dichloropropane	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	78-87-5	W
1,3-Dichloropropane	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	142-28-9	W
2,2-Dichloropropane	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	594-20-7	W
1,1-Dichloropropene	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	563-58-6	W
cis-1,3-Dichloropropene	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	10061-01-5	W
trans-1,3-Dichloropropene	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	10061-02-6	W
Diisopropyl ether	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	108-20-3	W
Ethylbenzene	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	100-41-4	W
Hexachloro-1,3-butadiene	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	87-68-3	W
Isopropylbenzene (Cumene)	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	98-82-8	W
p-Isopropyltoluene	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	99-87-6	W
Methylene Chloride	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	75-09-2	W
Methyl-tert-butyl ether	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	1634-04-4	W
Naphthalene	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	91-20-3	W
n-Propylbenzene	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	103-65-1	W
Styrene	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	100-42-5	W

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ANALYTICAL RESULTS

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

Sample: PZ-4/7-9 **Lab ID: 4077747002** Collected: 05/10/13 08:45 Received: 05/14/13 08:50 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	05/15/13 14:55	05/17/13 09:44	630-20-6	W
1,1,2,2-Tetrachloroethane	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	79-34-5	W
Tetrachloroethene	**21700**	ug/kg	181	75.5	2.5	05/15/13 14:55	05/17/13 09:44	127-18-4	M1
Toluene	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	108-88-3	W
1,2,3-Trichlorobenzene	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	87-61-6	W
1,2,4-Trichlorobenzene	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	120-82-1	W
1,1,1-Trichloroethane	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	71-55-6	W
1,1,2-Trichloroethane	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	79-00-5	W
Trichloroethene	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	79-01-6	W
Trichlorofluoromethane	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	75-69-4	W
1,2,3-Trichloropropane	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	96-18-4	W
1,2,4-Trimethylbenzene	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	95-63-6	W
1,3,5-Trimethylbenzene	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	108-67-8	W
Vinyl chloride	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	75-01-4	W
m&p-Xylene	**<125**	ug/kg	300	125	2.5	05/15/13 14:55	05/17/13 09:44	179601-23-1	W
o-Xylene	**<62.5**	ug/kg	150	62.5	2.5	05/15/13 14:55	05/17/13 09:44	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	90	%	57-130		2.5	05/15/13 14:55	05/17/13 09:44	1868-53-7	
Toluene-d8 (S)	93	%	54-133		2.5	05/15/13 14:55	05/17/13 09:44	2037-26-5	
4-Bromofluorobenzene (S)	82	%	49-130		2.5	05/15/13 14:55	05/17/13 09:44	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**17.3**	%	0.10	0.10	1		05/28/13 10:01		

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ANALYTICAL RESULTS

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

Sample: PZ-4/29-30 **Lab ID: 4077747003** Collected: 05/10/13 09:00 Received: 05/14/13 08:50 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								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	106-43-4	W
1,2-Dibromo-3-chloropropane	**<49.8**	ug/kg	250	49.8	1	05/15/13 14:55	05/17/13 15:34	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	100-42-5	W

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ANALYTICAL RESULTS

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

Sample: PZ-4/29-30 **Lab ID: 4077747003** Collected: 05/10/13 09:00 Received: 05/14/13 08:50 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	05/15/13 14:55	05/17/13 15:34	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	79-34-5	W
Tetrachloroethene	**210**	ug/kg	73.8	30.7	1	05/15/13 14:55	05/17/13 15:34	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	05/15/13 14:55	05/17/13 15:34	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 15:34	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	93	%	57-130		1	05/15/13 14:55	05/17/13 15:34	1868-53-7	
Toluene-d8 (S)	99	%	54-133		1	05/15/13 14:55	05/17/13 15:34	2037-26-5	
4-Bromofluorobenzene (S)	86	%	49-130		1	05/15/13 14:55	05/17/13 15:34	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**18.6**	%	0.10	0.10	1		05/28/13 10:01		

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ANALYTICAL RESULTS

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

Sample: PZ-20/3-5 **Lab ID: 4077747004** Collected: 05/10/13 11:15 Received: 05/14/13 08:50 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								
Benzene	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	71-43-2	W
Bromobenzene	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	108-86-1	W
Bromochloromethane	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	74-97-5	W
Bromodichloromethane	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	75-27-4	W
Bromoform	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	75-25-2	W
Bromomethane	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	74-83-9	W
n-Butylbenzene	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	104-51-8	W
sec-Butylbenzene	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	135-98-8	W
tert-Butylbenzene	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	98-06-6	W
Carbon tetrachloride	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	56-23-5	W
Chlorobenzene	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	108-90-7	W
Chloroethane	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	75-00-3	W
Chloroform	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	67-66-3	W
Chloromethane	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	74-87-3	W
2-Chlorotoluene	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	95-49-8	W
4-Chlorotoluene	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	106-43-4	W
1,2-Dibromo-3-chloropropane	**<498**	ug/kg	2500	498	10	05/15/13 14:55	05/17/13 17:05	96-12-8	W
Dibromochloromethane	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	124-48-1	W
1,2-Dibromoethane (EDB)	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	106-93-4	W
Dibromomethane	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	74-95-3	W
1,2-Dichlorobenzene	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	95-50-1	W
1,3-Dichlorobenzene	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	541-73-1	W
1,4-Dichlorobenzene	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	106-46-7	W
Dichlorodifluoromethane	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	75-71-8	W
1,1-Dichloroethane	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	75-34-3	W
1,2-Dichloroethane	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	107-06-2	W
1,1-Dichloroethene	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	75-35-4	W
cis-1,2-Dichloroethene	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	156-59-2	W
trans-1,2-Dichloroethene	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	156-60-5	W
1,2-Dichloropropane	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	78-87-5	W
1,3-Dichloropropane	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	142-28-9	W
2,2-Dichloropropane	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	594-20-7	W
1,1-Dichloropropene	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	563-58-6	W
cis-1,3-Dichloropropene	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	10061-01-5	W
trans-1,3-Dichloropropene	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	10061-02-6	W
Diisopropyl ether	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	108-20-3	W
Ethylbenzene	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	100-41-4	W
Hexachloro-1,3-butadiene	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	87-68-3	W
Isopropylbenzene (Cumene)	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	98-82-8	W
p-Isopropyltoluene	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	99-87-6	W
Methylene Chloride	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	75-09-2	W
Methyl-tert-butyl ether	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	1634-04-4	W
Naphthalene	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	91-20-3	W
n-Propylbenzene	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	103-65-1	W
Styrene	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	100-42-5	W

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ANALYTICAL RESULTS

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

Sample: PZ-20/3-5 **Lab ID: 4077747004** Collected: 05/10/13 11:15 Received: 05/14/13 08:50 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	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	630-20-6	W
1,1,2,2-Tetrachloroethane	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	79-34-5	W
Tetrachloroethene	**66500**	ug/kg	714	298	10	05/15/13 14:55	05/17/13 17:05	127-18-4	
Toluene	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	108-88-3	W
1,2,3-Trichlorobenzene	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	87-61-6	W
1,2,4-Trichlorobenzene	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	120-82-1	W
1,1,1-Trichloroethane	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	71-55-6	W
1,1,2-Trichloroethane	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	79-00-5	W
Trichloroethene	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	79-01-6	W
Trichlorofluoromethane	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	75-69-4	W
1,2,3-Trichloropropane	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	96-18-4	W
1,2,4-Trimethylbenzene	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	95-63-6	W
1,3,5-Trimethylbenzene	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	108-67-8	W
Vinyl chloride	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	75-01-4	W
m&p-Xylene	**<500**	ug/kg	1200	500	10	05/15/13 14:55	05/17/13 17:05	179601-23-1	W
o-Xylene	**<250**	ug/kg	600	250	10	05/15/13 14:55	05/17/13 17:05	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	91	%	57-130		10	05/15/13 14:55	05/17/13 17:05	1868-53-7	
Toluene-d8 (S)	104	%	54-133		10	05/15/13 14:55	05/17/13 17:05	2037-26-5	
4-Bromofluorobenzene (S)	97	%	49-130		10	05/15/13 14:55	05/17/13 17:05	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**16.0**	%	0.10	0.10	1		05/28/13 10:01		

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ANALYTICAL RESULTS

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

Sample: PZ-20/29-30 **Lab ID: 4077747005** Collected: 05/10/13 11:20 Received: 05/14/13 08:50 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								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	106-43-4	W
1,2-Dibromo-3-chloropropane	**<49.8**	ug/kg	250	49.8	1	05/15/13 14:55	05/17/13 16:42	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	100-42-5	W

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ANALYTICAL RESULTS

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

Sample: PZ-20/29-30 **Lab ID: 4077747005** Collected: 05/10/13 11:20 Received: 05/14/13 08:50 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	05/15/13 14:55	05/17/13 16:42	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	79-34-5	W
Tetrachloroethene	**6790**	ug/kg	71.4	29.7	1	05/15/13 14:55	05/17/13 16:42	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	79-00-5	W
Trichloroethene	**54.9J**	ug/kg	71.4	29.7	1	05/15/13 14:55	05/17/13 16:42	79-01-6	
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	05/15/13 14:55	05/17/13 16:42	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	05/15/13 14:55	05/17/13 16:42	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	98	%	57-130		1	05/15/13 14:55	05/17/13 16:42	1868-53-7	
Toluene-d8 (S)	107	%	54-133		1	05/15/13 14:55	05/17/13 16:42	2037-26-5	
4-Bromofluorobenzene (S)	90	%	49-130		1	05/15/13 14:55	05/17/13 16:42	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**16.0**	%	0.10	0.10	1		05/28/13 10:01		

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ANALYTICAL RESULTS

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

Sample: WASTE CHARACTERIZATION-COMP **Lab ID: 4077747006** Collected: 05/10/13 14:50 Received: 05/14/13 08:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3541								
PCB-1016 (Aroclor 1016)	**<27.7**	ug/kg	55.5	27.7	1	05/16/13 11:46	05/17/13 11:32	12674-11-2	
PCB-1221 (Aroclor 1221)	**<27.7**	ug/kg	55.5	27.7	1	05/16/13 11:46	05/17/13 11:32	11104-28-2	
PCB-1232 (Aroclor 1232)	**<27.7**	ug/kg	55.5	27.7	1	05/16/13 11:46	05/17/13 11:32	11141-16-5	
PCB-1242 (Aroclor 1242)	**<27.7**	ug/kg	55.5	27.7	1	05/16/13 11:46	05/17/13 11:32	53469-21-9	
PCB-1248 (Aroclor 1248)	**<27.7**	ug/kg	55.5	27.7	1	05/16/13 11:46	05/17/13 11:32	12672-29-6	
PCB-1254 (Aroclor 1254)	**<27.7**	ug/kg	55.5	27.7	1	05/16/13 11:46	05/17/13 11:32	11097-69-1	
PCB-1260 (Aroclor 1260)	**<27.7**	ug/kg	55.5	27.7	1	05/16/13 11:46	05/17/13 11:32	11096-82-5	
PCB, Total	**<27.7**	ug/kg	55.5	27.7	1	05/16/13 11:46	05/17/13 11:32	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	81	%	40-130		1	05/16/13 11:46	05/17/13 11:32	877-09-8	
Decachlorobiphenyl (S)	64	%	48-130		1	05/16/13 11:46	05/17/13 11:32	2051-24-3	
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Leachate Method/Date: EPA 1311; 05/20/13 00:00								
Arsenic	**<0.12**	mg/L	0.25	0.12	1	05/22/13 11:25	05/23/13 11:49	7440-38-2	
Barium	**<1.2**	mg/L	2.5	1.2	1	05/22/13 11:25	05/23/13 11:49	7440-39-3	
Cadmium	**<0.0025**	mg/L	0.0050	0.0025	1	05/22/13 11:25	05/23/13 11:49	7440-43-9	
Chromium	**<0.12**	mg/L	0.25	0.12	1	05/22/13 11:25	05/23/13 11:49	7440-47-3	
Copper	**<0.12**	mg/L	0.25	0.12	1	05/22/13 11:25	05/23/13 11:49	7440-50-8	
Lead	**<0.015**	mg/L	0.038	0.015	1	05/22/13 11:25	05/23/13 11:49	7439-92-1	
Nickel	**<0.12**	mg/L	0.25	0.12	1	05/22/13 11:25	05/23/13 11:49	7440-02-0	
Selenium	**<0.12**	mg/L	0.25	0.12	1	05/22/13 11:25	05/23/13 11:49	7782-49-2	
Silver	**<0.12**	mg/L	0.25	0.12	1	05/22/13 11:25	05/23/13 11:49	7440-22-4	
Zinc	**0.44**	mg/L	0.25	0.12	1	05/22/13 11:25	05/23/13 11:49	7440-66-6	1q
7470 Mercury, TCLP	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Leachate Method/Date: EPA 1311; 05/20/13 00:00								
Mercury	**<0.10**	ug/L	0.20	0.10	1	05/22/13 11:15	05/22/13 16:18	7439-97-6	
8270 MSSV TCLP Sep Funnel	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
	Leachate Method/Date: EPA 1311; 05/20/13 00:00								
1,4-Dichlorobenzene	**<8.6**	ug/L	50.0	8.6	1	05/23/13 12:00	05/24/13 11:13	106-46-7	
2,4-Dinitrotoluene	**<8.0**	ug/L	50.0	8.0	1	05/23/13 12:00	05/24/13 11:13	121-14-2	
Hexachloro-1,3-butadiene	**<6.6**	ug/L	100	6.6	1	05/23/13 12:00	05/24/13 11:13	87-68-3	
Hexachlorobenzene	**<11.1**	ug/L	50.0	11.1	1	05/23/13 12:00	05/24/13 11:13	118-74-1	
Hexachloroethane	**<5.8**	ug/L	50.0	5.8	1	05/23/13 12:00	05/24/13 11:13	67-72-1	
2-Methylphenol(o-Cresol)	**<9.7**	ug/L	50.0	9.7	1	05/23/13 12:00	05/24/13 11:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	**<7.7**	ug/L	50.0	7.7	1	05/23/13 12:00	05/24/13 11:13		
Nitrobenzene	**<13.7**	ug/L	50.0	13.7	1	05/23/13 12:00	05/24/13 11:13	98-95-3	
Pentachlorophenol	**<10.8**	ug/L	100	10.8	1	05/23/13 12:00	05/24/13 11:13	87-86-5	
Pyridine	**<14.3**	ug/L	50.0	14.3	1	05/23/13 12:00	05/24/13 11:13	110-86-1	
2,4,5-Trichlorophenol	**<10**	ug/L	50.0	10	1	05/23/13 12:00	05/24/13 11:13	95-95-4	

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ANALYTICAL RESULTS

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

Sample: WASTE CHARACTERIZATION-COMP **Lab ID: 4077747006** Collected: 05/10/13 14:50 Received: 05/14/13 08:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV TCLP Sep Funnel	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
	Leachate Method/Date: EPA 1311; 05/20/13 00:00								
2,4,6-Trichlorophenol	**<10.7**	ug/L	50.0	10.7	1	05/23/13 12:00	05/24/13 11:13	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	76	%	59-130		1	05/23/13 12:00	05/24/13 11:13	4165-60-0	
2-Fluorobiphenyl (S)	89	%	60-130		1	05/23/13 12:00	05/24/13 11:13	321-60-8	
Phenol-d6 (S)	30	%	19-130		1	05/23/13 12:00	05/24/13 11:13	13127-88-3	
2,4,6-Tribromophenol (S)	85	%	34-143		1	05/23/13 12:00	05/24/13 11:13	118-79-6	
8260 MSV TCLP	Analytical Method: EPA 8260 Preparation Method: EPA 1311								
Benzene	**<5.0**	ug/L	10.0	5.0	10	05/20/13 00:00	05/21/13 16:04	71-43-2	
2-Butanone (MEK)	**<27.0**	ug/L	200	27.0	10	05/20/13 00:00	05/21/13 16:04	78-93-3	
Carbon tetrachloride	**<3.7**	ug/L	10.0	3.7	10	05/20/13 00:00	05/21/13 16:04	56-23-5	
Chlorobenzene	**<3.6**	ug/L	10.0	3.6	10	05/20/13 00:00	05/21/13 16:04	108-90-7	
Chloroform	**<6.9**	ug/L	50.0	6.9	10	05/20/13 00:00	05/21/13 16:04	67-66-3	
1,2-Dichloroethane	**<4.8**	ug/L	10.0	4.8	10	05/20/13 00:00	05/21/13 16:04	107-06-2	
1,1-Dichloroethene	**<4.3**	ug/L	10.0	4.3	10	05/20/13 00:00	05/21/13 16:04	75-35-4	
Tetrachloroethene	**16.6**	ug/L	10.0	4.7	10	05/20/13 00:00	05/21/13 16:04	127-18-4	
Trichloroethene	**<4.3**	ug/L	10.0	4.3	10	05/20/13 00:00	05/21/13 16:04	79-01-6	
Vinyl chloride	**<1.8**	ug/L	10.0	1.8	10	05/20/13 00:00	05/21/13 16:04	75-01-4	
Surrogates									
Toluene-d8 (S)	94	%	55-137		10	05/20/13 00:00	05/21/13 16:04	2037-26-5	
4-Bromofluorobenzene (S)	87	%	43-137		10	05/20/13 00:00	05/21/13 16:04	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		10	05/20/13 00:00	05/21/13 16:04	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**9.9**	%	0.10	0.10	1		05/28/13 10:01		
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010								
Flashpoint	**>210**	deg F			1		05/15/13 13:40		
Reactive Sulfide	Analytical Method: SW-846 7.3.4.2								
Sulfide, Reactive	**10.2J**	mg/kg	100		1		05/20/13 16:00		
9045 pH Soil	Analytical Method: EPA 9045								
pH at 25 Degrees C	**8.4**	Std. Units	0.10	0.010	1		05/29/13 13:25		H6,R1
9095 Paint Filter Liquid Test	Analytical Method: EPA 9095								
Free Liquids	**Pass**	no units			1		05/16/13 15:25		
Specific Gravity	Analytical Method: SM 2710F								
Specific Gravity	**1.6**	no units			1		05/16/13 15:51		

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ANALYTICAL RESULTS

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

Sample: WASTE CHARACTERIZATION-COMP **Lab ID: 4077747006** Collected: 05/10/13 14:50 Received: 05/14/13 08:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Phenolics, Total Recoverable	Analytical Method: EPA 420.1								
Phenolics, Total Recoverable	**142**	ug/L	50.0	15.0	1		05/30/13 09:16		
733C S Reactive Cyanide	Analytical Method: SW-846 7.3.3.2								
Cyanide, Reactive	**<0.0052**	mg/kg	0.025	0.0052	1		05/20/13 14:14		

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QUALITY CONTROL DATA

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

QC Batch: MERP/3659
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury TCLP
Associated Lab Samples: 4077747006

METHOD BLANK: 794564 Matrix: Water
Associated Lab Samples: 4077747006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.10	0.20	05/22/13 16:08	

LABORATORY CONTROL SAMPLE: 794565

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.0	100	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 794566 794567

Parameter	Units	4077948001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	<0.10	5	5	5.4	5.4	108	107	85-115	1	20	

MATRIX SPIKE SAMPLE: 794568

Parameter	Units	4077841002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	<0.10	5	5.9	117	85-115	M0

MATRIX SPIKE SAMPLE: 794569

Parameter	Units	4078110001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	<0.10	5	5.9	118	85-115	M0

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QUALITY CONTROL DATA

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

QC Batch: MPRP/8517
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET TCLP
Associated Lab Samples: 4077747006

METHOD BLANK: 794345 Matrix: Water
Associated Lab Samples: 4077747006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	<0.025	0.050	05/22/13 22:11	
Barium	mg/L	<0.25	0.50	05/22/13 22:11	
Cadmium	mg/L	<0.00050	0.0010	05/22/13 22:11	
Chromium	mg/L	<0.025	0.050	05/22/13 22:11	
Copper	mg/L	<0.025	0.050	05/22/13 22:11	
Lead	mg/L	<0.0030	0.0075	05/22/13 22:11	
Nickel	mg/L	<0.025	0.050	05/22/13 22:11	
Selenium	mg/L	<0.025	0.050	05/22/13 22:11	
Silver	mg/L	<0.025	0.050	05/22/13 22:11	
Zinc	mg/L	<0.025	0.050	05/22/13 22:11	

LABORATORY CONTROL SAMPLE: 794346

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	.5	0.48	96	80-120	
Barium	mg/L	.5	0.51	102	80-120	
Cadmium	mg/L	.5	0.48	96	80-120	
Chromium	mg/L	.5	0.48	97	80-120	
Copper	mg/L	.5	0.48	96	80-120	
Lead	mg/L	.5	0.47	94	80-120	
Nickel	mg/L	.5	0.47	94	80-120	
Selenium	mg/L	.5	0.46	93	80-120	
Silver	mg/L	.25	0.23	92	80-120	
Zinc	mg/L	.5	0.49	98	80-120	

MATRIX SPIKE SAMPLE: 794347

Parameter	Units	4078180001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	<0.12	2.5	2.5	98	75-125	
Barium	mg/L	<1.2	2.5	3.3	103	75-125	
Cadmium	mg/L	<0.0025	2.5	2.5	99	75-125	
Chromium	mg/L	0.90	2.5	3.4	99	75-125	
Copper	mg/L	<0.12	2.5	2.5	100	75-125	
Lead	mg/L	<0.015	2.5	2.3	94	75-125	
Nickel	mg/L	<0.12	2.5	2.4	95	75-125	
Selenium	mg/L	<0.12	2.5	2.4	95	75-125	
Silver	mg/L	<0.12	1.2	1.2	96	75-125	
Zinc	mg/L	0.13J	2.5	2.7	103	75-125	

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QUALITY CONTROL DATA

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

MATRIX SPIKE SAMPLE: 794348

Parameter	Units	4077951002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	<0.12	2.5	2.5	99	75-125	
Barium	mg/L	<1.2	2.5	3.7	99	75-125	
Cadmium	mg/L	0.0031J	2.5	2.5	98	75-125	
Chromium	mg/L	<0.12	2.5	2.5	99	75-125	
Copper	mg/L	<0.12	2.5	2.5	99	75-125	
Lead	mg/L	<0.015	2.5	2.4	96	75-125	
Nickel	mg/L	<0.12	2.5	2.5	96	75-125	
Selenium	mg/L	<0.12	2.5	2.4	95	75-125	
Silver	mg/L	<0.12	1.2	1.2	97	75-125	
Zinc	mg/L	0.25J	2.5	2.7	100	75-125	

MATRIX SPIKE SAMPLE: 794350

Parameter	Units	4078110001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	<0.12	2.5	2.6	102	75-125	
Barium	mg/L	<1.2	2.5	3.4	110	75-125	
Cadmium	mg/L	<0.0025	2.5	2.5	102	75-125	
Chromium	mg/L	<0.12	2.5	2.6	102	75-125	
Copper	mg/L	<0.12	2.5	2.7	103	75-125	
Lead	mg/L	<0.015	2.5	2.5	99	75-125	
Nickel	mg/L	<0.12	2.5	2.6	100	75-125	
Selenium	mg/L	<0.12	2.5	2.5	100	75-125	
Silver	mg/L	<0.12	1.2	1.2	98	75-125	
Zinc	mg/L	1.3	2.5	4.2	116	75-125	

MATRIX SPIKE SAMPLE: 794570

Parameter	Units	4077841002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	<0.12	2.5	2.4	96	75-125	
Barium	mg/L	<1.2	2.5	3.4	90	75-125	
Cadmium	mg/L	0.0072	2.5	2.4	96	75-125	
Chromium	mg/L	<0.12	2.5	2.4	96	75-125	
Copper	mg/L	<0.12	2.5	2.4	97	75-125	
Lead	mg/L	0.23	2.5	2.6	96	75-125	
Nickel	mg/L	0.38	2.5	2.8	95	75-125	
Selenium	mg/L	<0.12	2.5	2.5	99	75-125	
Silver	mg/L	<0.12	1.2	1.2	96	75-125	
Zinc	mg/L	10.7	2.5	11.7	42	75-125	P6

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QUALITY CONTROL DATA

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

QC Batch: MSV/19595 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 4077747001, 4077747002, 4077747003, 4077747004, 4077747005

METHOD BLANK: 790184 Matrix: Solid
Associated Lab Samples: 4077747001, 4077747002, 4077747003, 4077747004, 4077747005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<25.0	60.0	05/16/13 18:43	
1,1,1-Trichloroethane	ug/kg	<25.0	60.0	05/16/13 18:43	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	60.0	05/16/13 18:43	
1,1,2-Trichloroethane	ug/kg	<25.0	60.0	05/16/13 18:43	
1,1-Dichloroethane	ug/kg	<25.0	60.0	05/16/13 18:43	
1,1-Dichloroethene	ug/kg	<25.0	60.0	05/16/13 18:43	
1,1-Dichloropropene	ug/kg	<25.0	60.0	05/16/13 18:43	
1,2,3-Trichlorobenzene	ug/kg	<25.0	60.0	05/16/13 18:43	
1,2,3-Trichloropropane	ug/kg	<25.0	60.0	05/16/13 18:43	
1,2,4-Trichlorobenzene	ug/kg	<25.0	60.0	05/16/13 18:43	
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	05/16/13 18:43	
1,2-Dibromo-3-chloropropane	ug/kg	<49.8	250	05/16/13 18:43	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	60.0	05/16/13 18:43	
1,2-Dichlorobenzene	ug/kg	<25.0	60.0	05/16/13 18:43	
1,2-Dichloroethane	ug/kg	<25.0	60.0	05/16/13 18:43	
1,2-Dichloropropane	ug/kg	<25.0	60.0	05/16/13 18:43	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	05/16/13 18:43	
1,3-Dichlorobenzene	ug/kg	<25.0	60.0	05/16/13 18:43	
1,3-Dichloropropane	ug/kg	<25.0	60.0	05/16/13 18:43	
1,4-Dichlorobenzene	ug/kg	<25.0	60.0	05/16/13 18:43	
2,2-Dichloropropane	ug/kg	<25.0	60.0	05/16/13 18:43	
2-Chlorotoluene	ug/kg	<25.0	60.0	05/16/13 18:43	
4-Chlorotoluene	ug/kg	<25.0	60.0	05/16/13 18:43	
Benzene	ug/kg	<25.0	60.0	05/16/13 18:43	
Bromobenzene	ug/kg	<25.0	60.0	05/16/13 18:43	
Bromochloromethane	ug/kg	<25.0	60.0	05/16/13 18:43	
Bromodichloromethane	ug/kg	<25.0	60.0	05/16/13 18:43	
Bromoform	ug/kg	<25.0	60.0	05/16/13 18:43	
Bromomethane	ug/kg	<25.0	60.0	05/16/13 18:43	
Carbon tetrachloride	ug/kg	<25.0	60.0	05/16/13 18:43	
Chlorobenzene	ug/kg	<25.0	60.0	05/16/13 18:43	
Chloroethane	ug/kg	<25.0	60.0	05/16/13 18:43	
Chloroform	ug/kg	<25.0	60.0	05/16/13 18:43	
Chloromethane	ug/kg	<25.0	60.0	05/16/13 18:43	
cis-1,2-Dichloroethene	ug/kg	<25.0	60.0	05/16/13 18:43	
cis-1,3-Dichloropropene	ug/kg	<25.0	60.0	05/16/13 18:43	
Dibromochloromethane	ug/kg	<25.0	60.0	05/16/13 18:43	
Dibromomethane	ug/kg	<25.0	60.0	05/16/13 18:43	
Dichlorodifluoromethane	ug/kg	<25.0	60.0	05/16/13 18:43	
Diisopropyl ether	ug/kg	<25.0	60.0	05/16/13 18:43	
Ethylbenzene	ug/kg	<25.0	60.0	05/16/13 18:43	
Hexachloro-1,3-butadiene	ug/kg	<25.0	60.0	05/16/13 18:43	
Isopropylbenzene (Cumene)	ug/kg	<25.0	60.0	05/16/13 18:43	

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QUALITY CONTROL DATA

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

METHOD BLANK: 790184 Matrix: Solid

Associated Lab Samples: 4077747001, 4077747002, 4077747003, 4077747004, 4077747005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/kg	<50.0	120	05/16/13 18:43	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	05/16/13 18:43	
Methylene Chloride	ug/kg	<25.0	60.0	05/16/13 18:43	
n-Butylbenzene	ug/kg	<25.0	60.0	05/16/13 18:43	
n-Propylbenzene	ug/kg	<25.0	60.0	05/16/13 18:43	
Naphthalene	ug/kg	<25.0	60.0	05/16/13 18:43	
o-Xylene	ug/kg	<25.0	60.0	05/16/13 18:43	
p-Isopropyltoluene	ug/kg	<25.0	60.0	05/16/13 18:43	
sec-Butylbenzene	ug/kg	<25.0	60.0	05/16/13 18:43	
Styrene	ug/kg	<25.0	60.0	05/16/13 18:43	
tert-Butylbenzene	ug/kg	<25.0	60.0	05/16/13 18:43	
Tetrachloroethene	ug/kg	<25.0	60.0	05/16/13 18:43	
Toluene	ug/kg	<25.0	60.0	05/16/13 18:43	
trans-1,2-Dichloroethene	ug/kg	<25.0	60.0	05/16/13 18:43	
trans-1,3-Dichloropropene	ug/kg	<25.0	60.0	05/16/13 18:43	
Trichloroethene	ug/kg	<25.0	60.0	05/16/13 18:43	
Trichlorofluoromethane	ug/kg	<25.0	60.0	05/16/13 18:43	
Vinyl chloride	ug/kg	<25.0	60.0	05/16/13 18:43	
4-Bromofluorobenzene (S)	%	95	49-130	05/16/13 18:43	
Dibromofluoromethane (S)	%	96	57-130	05/16/13 18:43	
Toluene-d8 (S)	%	108	54-133	05/16/13 18:43	

LABORATORY CONTROL SAMPLE & LCSD: 790185 790186

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	2210	2350	88	94	70-130	6	20	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2530	2710	101	108	70-130	7	20	
1,1,2-Trichloroethane	ug/kg	2500	2300	2480	92	99	70-130	8	20	
1,1-Dichloroethane	ug/kg	2500	2310	2320	92	93	70-130	0	20	
1,1-Dichloroethene	ug/kg	2500	2350	2380	94	95	64-130	1	20	
1,2,4-Trichlorobenzene	ug/kg	2500	2580	2840	103	114	68-130	10	20	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2190	2500	88	100	50-150	13	20	
1,2-Dibromoethane (EDB)	ug/kg	2500	2210	2450	88	98	70-130	10	20	
1,2-Dichlorobenzene	ug/kg	2500	2510	2740	101	109	70-130	9	20	
1,2-Dichloroethane	ug/kg	2500	2370	2440	95	98	70-130	3	20	
1,2-Dichloropropane	ug/kg	2500	2380	2460	95	98	70-130	3	20	
1,3-Dichlorobenzene	ug/kg	2500	2480	2630	99	105	70-130	6	20	
1,4-Dichlorobenzene	ug/kg	2500	2520	2660	101	106	70-130	5	20	
Benzene	ug/kg	2500	2340	2450	94	98	70-130	5	20	
Bromodichloromethane	ug/kg	2500	2480	2680	99	107	70-130	8	20	
Bromoform	ug/kg	2500	2030	2310	81	92	63-130	13	20	
Bromomethane	ug/kg	2500	2280	2340	91	94	41-142	3	20	
Carbon tetrachloride	ug/kg	2500	2250	2350	90	94	70-130	4	20	
Chlorobenzene	ug/kg	2500	2500	2540	100	102	70-130	2	20	
Chloroethane	ug/kg	2500	2230	2500	89	100	57-130	11	20	

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QUALITY CONTROL DATA

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

LABORATORY CONTROL SAMPLE & LCSD: 790185 790186

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chloroform	ug/kg	2500	2250	2390	90	95	70-130	6	20	
Chloromethane	ug/kg	2500	2130	2240	85	90	57-130	5	20	
cis-1,2-Dichloroethene	ug/kg	2500	2250	2430	90	97	70-130	8	20	
cis-1,3-Dichloropropene	ug/kg	2500	2230	2310	89	92	70-130	4	20	
Dibromochloromethane	ug/kg	2500	2200	2440	88	97	70-130	10	20	
Dichlorodifluoromethane	ug/kg	2500	1670	1920	67	77	31-150	14	20	
Ethylbenzene	ug/kg	2500	2520	2660	101	107	65-137	5	20	
Isopropylbenzene (Cumene)	ug/kg	2500	2470	2590	99	104	70-130	5	20	
m&p-Xylene	ug/kg	5000	4980	5210	100	104	64-139	5	20	
Methyl-tert-butyl ether	ug/kg	2500	2210	2380	89	95	69-130	7	20	
Methylene Chloride	ug/kg	2500	2380	2380	95	95	70-130	0	20	
o-Xylene	ug/kg	2500	2530	2590	101	104	63-135	3	20	
Styrene	ug/kg	2500	2220	2330	89	93	69-130	5	20	
Tetrachloroethene	ug/kg	2500	2320	2550	93	102	70-130	9	20	
Toluene	ug/kg	2500	2450	2630	98	105	70-130	7	20	
trans-1,2-Dichloroethene	ug/kg	2500	2340	2240	93	90	70-130	4	20	
trans-1,3-Dichloropropene	ug/kg	2500	2330	2450	93	98	70-130	5	20	
Trichloroethene	ug/kg	2500	2470	2470	99	99	70-130	0	20	
Trichlorofluoromethane	ug/kg	2500	2350	2450	94	98	50-150	4	20	
Vinyl chloride	ug/kg	2500	2330	2300	93	92	57-130	1	20	
4-Bromofluorobenzene (S)	%				95	99	49-130			
Dibromofluoromethane (S)	%				90	101	57-130			
Toluene-d8 (S)	%				101	105	54-133			

MATRIX SPIKE SAMPLE: 790187

Parameter	Units	4077747002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	<62.5	3020	2750	91	63-139	
1,1,2,2-Tetrachloroethane	ug/kg	<62.5	3020	3320	110	52-149	
1,1,2-Trichloroethane	ug/kg	<62.5	3020	2800	93	65-134	
1,1-Dichloroethane	ug/kg	<62.5	3020	2920	97	55-138	
1,1-Dichloroethene	ug/kg	<62.5	3020	2990	99	50-133	
1,2,4-Trichlorobenzene	ug/kg	<62.5	3020	3550	118	68-130	
1,2-Dibromo-3-chloropropane	ug/kg	<125	3020	2900	96	50-150	
1,2-Dibromoethane (EDB)	ug/kg	<62.5	3020	2930	97	67-130	
1,2-Dichlorobenzene	ug/kg	<62.5	3020	3220	107	70-130	
1,2-Dichloroethane	ug/kg	<62.5	3020	3090	102	58-142	
1,2-Dichloropropane	ug/kg	<62.5	3020	2930	97	59-135	
1,3-Dichlorobenzene	ug/kg	<62.5	3020	3130	104	70-130	
1,4-Dichlorobenzene	ug/kg	<62.5	3020	3050	101	68-130	
Benzene	ug/kg	<62.5	3020	3000	99	41-130	
Bromodichloromethane	ug/kg	414	3020	3000	86	58-136	
Bromoform	ug/kg	<62.5	3020	2750	91	33-162	
Bromomethane	ug/kg	<62.5	3020	2910	96	31-156	
Carbon tetrachloride	ug/kg	<62.5	3020	2800	93	56-146	
Chlorobenzene	ug/kg	<62.5	3020	2900	96	67-130	
Chloroethane	ug/kg	<62.5	3020	2670	89	18-187	

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QUALITY CONTROL DATA

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

MATRIX SPIKE SAMPLE: 790187

Parameter	Units	4077747002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloroform	ug/kg	943	3020	2990	68	63-135	
Chloromethane	ug/kg	<62.5	3020	2740	91	36-130	
cis-1,2-Dichloroethene	ug/kg	<62.5	3020	2990	99	59-130	
cis-1,3-Dichloropropene	ug/kg	<62.5	3020	2740	91	61-130	
Dibromochloromethane	ug/kg	<62.5	3020	2890	96	51-145	
Dichlorodifluoromethane	ug/kg	<62.5	3020	2430	81	15-150	
Ethylbenzene	ug/kg	<62.5	3020	2930	97	25-150	
Isopropylbenzene (Cumene)	ug/kg	<62.5	3020	2800	93	70-130	
m&p-Xylene	ug/kg	<125	6040	5800	96	26-146	
Methyl-tert-butyl ether	ug/kg	<62.5	3020	2870	95	54-130	
Methylene Chloride	ug/kg	<62.5	3020	2930	97	52-137	
o-Xylene	ug/kg	<62.5	3020	2920	97	20-149	
Styrene	ug/kg	<62.5	3020	2900	96	60-135	
Tetrachloroethene	ug/kg	21700	3020	29400	253	62-133	M1
Toluene	ug/kg	<62.5	3020	2970	98	34-136	
trans-1,2-Dichloroethene	ug/kg	<62.5	3020	2830	94	60-130	
trans-1,3-Dichloropropene	ug/kg	<62.5	3020	2830	94	53-136	
Trichloroethene	ug/kg	<62.5	3020	2920	97	66-131	
Trichlorofluoromethane	ug/kg	<62.5	3020	3160	104	50-150	
Vinyl chloride	ug/kg	<62.5	3020	3010	100	36-130	
4-Bromofluorobenzene (S)	%				91	49-130	
Dibromofluoromethane (S)	%				95	57-130	
Toluene-d8 (S)	%				101	54-133	

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QUALITY CONTROL DATA

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

QC Batch: MSV/19671 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV TCLP
Associated Lab Samples: 4077747006

METHOD BLANK: 793294 Matrix: Water
Associated Lab Samples: 4077747006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	<0.43	1.0	05/21/13 07:44	
1,2-Dichloroethane	ug/L	<0.48	1.0	05/21/13 07:44	
2-Butanone (MEK)	ug/L	<2.7	20.0	05/21/13 07:44	
Benzene	ug/L	<0.50	1.0	05/21/13 07:44	
Carbon tetrachloride	ug/L	<0.37	1.0	05/21/13 07:44	
Chlorobenzene	ug/L	<0.36	1.0	05/21/13 07:44	
Chloroform	ug/L	<0.69	5.0	05/21/13 07:44	
Tetrachloroethene	ug/L	<0.47	1.0	05/21/13 07:44	
Trichloroethene	ug/L	<0.43	1.0	05/21/13 07:44	
Vinyl chloride	ug/L	<0.18	1.0	05/21/13 07:44	
4-Bromofluorobenzene (S)	%	86	43-137	05/21/13 07:44	
Dibromofluoromethane (S)	%	104	70-130	05/21/13 07:44	
Toluene-d8 (S)	%	94	55-137	05/21/13 07:44	

LABORATORY CONTROL SAMPLE & LCSD: 793295 793296

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1-Dichloroethene	ug/L	50	58.5	57.4	117	115	70-130	2	20	
1,2-Dichloroethane	ug/L	50	55.6	54.6	111	109	70-144	2	20	
Benzene	ug/L	50	46.5	45.9	93	92	70-137	1	20	
Carbon tetrachloride	ug/L	50	67.8	66.2	136	132	70-154	2	20	
Chlorobenzene	ug/L	50	53.6	53.1	107	106	70-130	1	20	
Chloroform	ug/L	50	50.4	49.5	101	99	70-130	2	20	
Tetrachloroethene	ug/L	50	52.1	51.4	104	103	70-130	1	20	
Trichloroethene	ug/L	50	54.4	54.5	109	109	70-130	0	20	
Vinyl chloride	ug/L	50	54.7	54.2	109	108	61-143	1	20	
4-Bromofluorobenzene (S)	%				97	97	43-137			
Dibromofluoromethane (S)	%				105	104	70-130			
Toluene-d8 (S)	%				93	94	55-137			

MATRIX SPIKE SAMPLE: 793297

Parameter	Units	4077719001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	<4.3	500	572	114	70-130	
1,2-Dichloroethane	ug/L	<4.8	500	543	109	70-146	
2-Butanone (MEK)	ug/L	<27.0		<27.0			
Benzene	ug/L	<5.0	500	453	91	70-137	
Carbon tetrachloride	ug/L	<3.7	500	674	135	70-154	
Chlorobenzene	ug/L	<3.6	500	531	106	70-130	
Chloroform	ug/L	<6.9	500	492	98	70-130	

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QUALITY CONTROL DATA

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

MATRIX SPIKE SAMPLE: 793297

Parameter	Units	4077719001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/L	138	500	672	107	70-130	
Trichloroethene	ug/L	<4.3	500	549	110	70-130	
Vinyl chloride	ug/L	<1.8	500	524	105	59-144	
4-Bromofluorobenzene (S)	%				96	43-137	
Dibromofluoromethane (S)	%				106	70-130	
Toluene-d8 (S)	%				93	55-137	

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QUALITY CONTROL DATA

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

QC Batch: OEXT/18227 Analysis Method: EPA 8082
QC Batch Method: EPA 3541 Analysis Description: 8082 GCS PCB
Associated Lab Samples: 4077747006

METHOD BLANK: 790719 Matrix: Solid
Associated Lab Samples: 4077747006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<25.0	50.0	05/17/13 09:45	
PCB-1221 (Aroclor 1221)	ug/kg	<25.0	50.0	05/17/13 09:45	
PCB-1232 (Aroclor 1232)	ug/kg	<25.0	50.0	05/17/13 09:45	
PCB-1242 (Aroclor 1242)	ug/kg	<25.0	50.0	05/17/13 09:45	
PCB-1248 (Aroclor 1248)	ug/kg	<25.0	50.0	05/17/13 09:45	
PCB-1254 (Aroclor 1254)	ug/kg	<25.0	50.0	05/17/13 09:45	
PCB-1260 (Aroclor 1260)	ug/kg	<25.0	50.0	05/17/13 09:45	
Decachlorobiphenyl (S)	%	91	48-130	05/17/13 09:45	
Tetrachloro-m-xylene (S)	%	73	40-130	05/17/13 09:45	

LABORATORY CONTROL SAMPLE: 790720

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg		<25.0			
PCB-1221 (Aroclor 1221)	ug/kg		<25.0			
PCB-1232 (Aroclor 1232)	ug/kg		<25.0			
PCB-1242 (Aroclor 1242)	ug/kg		<25.0			
PCB-1248 (Aroclor 1248)	ug/kg		<25.0			
PCB-1254 (Aroclor 1254)	ug/kg		<25.0			
PCB-1260 (Aroclor 1260)	ug/kg	500	417	83	70-130	
Decachlorobiphenyl (S)	%			96	48-130	
Tetrachloro-m-xylene (S)	%			76	40-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 790721 790722

Parameter	Units	4077750001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1016 (Aroclor 1016)	ug/kg	<26.5			<26.5	<26.5					31	
PCB-1221 (Aroclor 1221)	ug/kg	<26.5			<26.5	<26.5					31	
PCB-1232 (Aroclor 1232)	ug/kg	<26.5			<26.5	<26.5					31	
PCB-1242 (Aroclor 1242)	ug/kg	<26.5			<26.5	<26.5					31	
PCB-1248 (Aroclor 1248)	ug/kg	<26.5			<26.5	<26.5					31	
PCB-1254 (Aroclor 1254)	ug/kg	<26.5			<26.5	<26.5					31	
PCB-1260 (Aroclor 1260)	ug/kg	<26.5	530	530	440	430	83	81	40-149	2	31	
Decachlorobiphenyl (S)	%						92	89	48-130			
Tetrachloro-m-xylene (S)	%						92	89	40-130			

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QUALITY CONTROL DATA

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

QC Batch: OEXT/18281
QC Batch Method: EPA 3510
Analysis Method: EPA 8270
Analysis Description: 8270 TCLP MSSV
Associated Lab Samples: 4077747006

METHOD BLANK: 794860 Matrix: Water
Associated Lab Samples: 4077747006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dichlorobenzene	ug/L	<1.7	10.0	05/23/13 16:40	
2,4,5-Trichlorophenol	ug/L	<2.0	10.0	05/23/13 16:40	
2,4,6-Trichlorophenol	ug/L	<2.1	10.0	05/23/13 16:40	
2,4-Dinitrotoluene	ug/L	<1.6	10.0	05/23/13 16:40	
2-Methylphenol(o-Cresol)	ug/L	<1.9	10.0	05/23/13 16:40	
3&4-Methylphenol(m&p Cresol)	ug/L	<1.5	10.0	05/23/13 16:40	
Hexachloro-1,3-butadiene	ug/L	<1.3	20.0	05/23/13 16:40	
Hexachlorobenzene	ug/L	<2.2	10.0	05/23/13 16:40	
Hexachloroethane	ug/L	<1.2	10.0	05/23/13 16:40	
Nitrobenzene	ug/L	<2.7	10.0	05/23/13 16:40	
Pentachlorophenol	ug/L	<2.2	20.0	05/23/13 16:40	
Pyridine	ug/L	<2.9	10.0	05/23/13 16:40	
2,4,6-Tribromophenol (S)	%	87	34-143	05/23/13 16:40	
2-Fluorobiphenyl (S)	%	79	60-130	05/23/13 16:40	
Nitrobenzene-d5 (S)	%	73	59-130	05/23/13 16:40	
Phenol-d6 (S)	%	29	19-130	05/23/13 16:40	

LABORATORY CONTROL SAMPLE: 794861

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	30.1	60	53-130	
2,4,5-Trichlorophenol	ug/L	50	45.1	90	70-130	
2,4,6-Trichlorophenol	ug/L	50	42.4	85	70-130	
2,4-Dinitrotoluene	ug/L	50	51.1	102	69-134	
2-Methylphenol(o-Cresol)	ug/L	50	36.4	73	48-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	32.6	65	43-130	
Hexachloro-1,3-butadiene	ug/L	50	31.7	63	53-130	
Hexachlorobenzene	ug/L	50	43.8	88	59-130	
Hexachloroethane	ug/L	50	26.7	53	47-130	
Nitrobenzene	ug/L	50	35.6	71	66-130	
Pentachlorophenol	ug/L	50	45.9	92	54-130	
Pyridine	ug/L	50	10.6	21	10-130	
2,4,6-Tribromophenol (S)	%			96	34-143	
2-Fluorobiphenyl (S)	%			78	60-130	
Nitrobenzene-d5 (S)	%			77	59-130	
Phenol-d6 (S)	%			31	19-130	

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QUALITY CONTROL DATA

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

MATRIX SPIKE SAMPLE: 794862

Parameter	Units	4077747006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	<8.6	250	188	75	50-130	
2,4,5-Trichlorophenol	ug/L	<10	250	244	97	65-130	
2,4,6-Trichlorophenol	ug/L	<10.7	250	232	93	64-130	
2,4-Dinitrotoluene	ug/L	<8.0	250	240	96	49-136	
2-Methylphenol(o-Cresol)	ug/L	<9.7	250	164	66	33-130	
3&4-Methylphenol(m&p Cresol)	ug/L	<7.7	250	149	60	35-130	
Hexachloro-1,3-butadiene	ug/L	<6.6	250	191	76	48-130	
Hexachlorobenzene	ug/L	<11.1	250	238	95	57-130	
Hexachloroethane	ug/L	<5.8	250	175	70	45-130	
Nitrobenzene	ug/L	<13.7	250	210	84	62-130	
Pentachlorophenol	ug/L	<10.8	250	202	81	10-149	
Pyridine	ug/L	<14.3	250	53.9	22	10-130	
2,4,6-Tribromophenol (S)	%				86	34-143	
2-Fluorobiphenyl (S)	%				87	60-130	
Nitrobenzene-d5 (S)	%				84	59-130	
Phenol-d6 (S)	%				37	19-130	

MATRIX SPIKE SAMPLE: 794863

Parameter	Units	4077841002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	<8.6	250	136	54	50-130	
2,4,5-Trichlorophenol	ug/L	<10	250	234	94	65-130	
2,4,6-Trichlorophenol	ug/L	<10.7	250	226	91	64-130	
2,4-Dinitrotoluene	ug/L	<8.0	250	246	99	49-136	
2-Methylphenol(o-Cresol)	ug/L	<9.7	250	177	71	33-130	
3&4-Methylphenol(m&p Cresol)	ug/L	<7.7	250	164	66	35-130	
Hexachloro-1,3-butadiene	ug/L	<6.6	250	153	61	48-130	
Hexachlorobenzene	ug/L	<11.1	250	216	87	57-130	
Hexachloroethane	ug/L	<5.8	250	119	47	45-130	
Nitrobenzene	ug/L	<13.7	250	186	74	62-130	
Pentachlorophenol	ug/L	<10.8	250	215	86	10-149	
Pyridine	ug/L	<14.3	250	72.8	29	10-130	
2,4,6-Tribromophenol (S)	%				92	34-143	
2-Fluorobiphenyl (S)	%				83	60-130	
Nitrobenzene-d5 (S)	%				81	59-130	
Phenol-d6 (S)	%				33	19-130	

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QUALITY CONTROL DATA

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

QC Batch: PMST/8483 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4077747002, 4077747003, 4077747004, 4077747005, 4077747006

SAMPLE DUPLICATE: 797784

Parameter	Units	4078540001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	21.2	21.3	0	10	

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QUALITY CONTROL DATA

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

QC Batch: WET/15004
QC Batch Method: EPA 1010
Analysis Method: EPA 1010
Analysis Description: 1010 Flash Point, Closed Cup
Associated Lab Samples: 4077747006

LABORATORY CONTROL SAMPLE: 789633

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Flashpoint	deg F		81.7			

LABORATORY CONTROL SAMPLE: 789708

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Flashpoint	deg F		82.1			

SAMPLE DUPLICATE: 790125

Parameter	Units	4077716001 Result	Dup Result	RPD	Max RPD	Qualifiers
Flashpoint	deg F	>210	>210			

SAMPLE DUPLICATE: 790126

Parameter	Units	4077747006 Result	Dup Result	RPD	Max RPD	Qualifiers
Flashpoint	deg F	>210	>210			

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QUALITY CONTROL DATA

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

QC Batch: WET/41355 Analysis Method: SW-846 7.3.4.2
QC Batch Method: SW-846 7.3.4.2 Analysis Description: Reactive Sulfide
Associated Lab Samples: 4077747006

METHOD BLANK: 1190270 Matrix: Solid
Associated Lab Samples: 4077747006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide, Reactive	mg/kg	0.0J	100	05/20/13 16:00	

LABORATORY CONTROL SAMPLE: 1190271

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide, Reactive	mg/kg	200	200	100	77-110	

MATRIX SPIKE SAMPLE: 1190272

Parameter	Units	92157458001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfide, Reactive	mg/kg	ND	500	439	86	67-116	

SAMPLE DUPLICATE: 1190273

Parameter	Units	4077747006 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfide, Reactive	mg/kg	10.2J	10.2J		30	

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QUALITY CONTROL DATA

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

QC Batch: WET/15143
QC Batch Method: EPA 9045
Analysis Method: EPA 9045
Analysis Description: 9045 pH
Associated Lab Samples: 4077747006

SAMPLE DUPLICATE: 798638

Parameter	Units	4077747006 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	8.4	8.9	6	5	H6,R1

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QUALITY CONTROL DATA

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

QC Batch: WET/15030
QC Batch Method: EPA 9095
Analysis Method: EPA 9095
Analysis Description: 9095 PAINT FILTER LIQUID TEST
Associated Lab Samples: 4077747006

SAMPLE DUPLICATE: 790984

Parameter	Units	4077747006 Result	Dup Result	RPD	Max RPD	Qualifiers
Free Liquids	no units	Pass	Pass			

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QUALITY CONTROL DATA

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

QC Batch: WET/15031
QC Batch Method: SM 2710F
Analysis Method: SM 2710F
Analysis Description: Spec.Gravity
Associated Lab Samples: 4077747006

SAMPLE DUPLICATE: 791014

Parameter	Units	4077747006 Result	Dup Result	RPD	Max RPD	Qualifiers
Specific Gravity	no units	1.6	1.6	1		

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QUALITY CONTROL DATA

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

QC Batch: WETA/15030
QC Batch Method: EPA 420.1
Analysis Method: EPA 420.1
Analysis Description: 420.1 Phenolics
Associated Lab Samples: 4077747006

METHOD BLANK: 1442957 Matrix: Water
Associated Lab Samples: 4077747006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Phenolics, Total Recoverable	ug/L	<15.0	50.0	05/30/13 09:16	

LABORATORY CONTROL SAMPLE: 1442958

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenolics, Total Recoverable	ug/L	1000	961	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1442959 1442960

Parameter	Units	10229820001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Phenolics, Total Recoverable	ug/L	ND	1000	1000	911	986	91	99	90-110	8	20	

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QUALITY CONTROL DATA

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

QC Batch: WETA/24756
QC Batch Method: SW-846 7.3.3.2
Analysis Method: SW-846 7.3.3.2
Analysis Description: 733C Reactive Cyanide
Associated Lab Samples: 4077747006

METHOD BLANK: 1190303 Matrix: Solid
Associated Lab Samples: 4077747006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cyanide, Reactive	mg/kg	0.0085J	0.025	05/20/13 14:07	

LABORATORY CONTROL SAMPLE: 1190304

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide, Reactive	mg/kg	.5	0.52	104	71-123	

MATRIX SPIKE SAMPLE: 1190305

Parameter	Units	92157458001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Cyanide, Reactive	mg/kg	ND	.5	0.51	100	57-132	

SAMPLE DUPLICATE: 1190306

Parameter	Units	4077747006 Result	Dup Result	RPD	Max RPD	Qualifiers
Cyanide, Reactive	mg/kg	<0.0052	<0.0052		23	

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QUALIFIERS

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

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.

PRL - Pace Reporting Limit.

RL - Reporting 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.

SG - Silica Gel - Clean-Up

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 TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay
PASI-K	Pace Analytical Services - Kansas City
PASI-M	Pace Analytical Services - Minneapolis

BATCH QUALIFIERS

Batch: MSV/19596

[1]	A matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1q	Analyte was detected in the associated leach blank at a concentration of 0.35 mg/L.
H6	Analysis initiated outside of the 15 minute EPA recommended holding time.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
R1	RPD value was outside control limits.
W	Non-detect results are reported on a wet weight basis.

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60289643 TASK 1, C&L INDUST.
Pace Project No.: 4077747

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4077747006	**WASTE CHARACTERIZATION-COMP**	EPA 3541	OEXT/18227	EPA 8082	GCSV/9551
4077747006	**WASTE CHARACTERIZATION-COMP**	EPA 3010	MPRP/8517	EPA 6010	ICP/7562
4077747006	**WASTE CHARACTERIZATION-COMP**	EPA 7470	MERP/3659	EPA 7470	MERC/4551
4077747006	**WASTE CHARACTERIZATION-COMP**	EPA 3510	OEXT/18281	EPA 8270	MSSV/5683
4077747001	**TB-05102013**	EPA 5035/5030B	MSV/19595	EPA 8260	MSV/19596
4077747002	**PZ-4/7-9**	EPA 5035/5030B	MSV/19595	EPA 8260	MSV/19596
4077747003	**PZ-4/29-30**	EPA 5035/5030B	MSV/19595	EPA 8260	MSV/19596
4077747004	**PZ-20/3-5**	EPA 5035/5030B	MSV/19595	EPA 8260	MSV/19596
4077747005	**PZ-20/29-30**	EPA 5035/5030B	MSV/19595	EPA 8260	MSV/19596
4077747006	**WASTE CHARACTERIZATION-COMP**	EPA 1311	TCLP/2943	EPA 8260	MSV/19671
4077747002	**PZ-4/7-9**	ASTM D2974-87	PMST/8483		
4077747003	**PZ-4/29-30**	ASTM D2974-87	PMST/8483		
4077747004	**PZ-20/3-5**	ASTM D2974-87	PMST/8483		
4077747005	**PZ-20/29-30**	ASTM D2974-87	PMST/8483		
4077747006	**WASTE CHARACTERIZATION-COMP**	ASTM D2974-87	PMST/8483		
4077747006	**WASTE CHARACTERIZATION-COMP**	EPA 1010	WET/15004		
4077747006	**WASTE CHARACTERIZATION-COMP**	SW-846 7.3.4.2	WET/41355		
4077747006	**WASTE CHARACTERIZATION-COMP**	EPA 9045	WET/15143		
4077747006	**WASTE CHARACTERIZATION-COMP**	EPA 9095	WET/15030		
4077747006	**WASTE CHARACTERIZATION-COMP**	SM 2710F	WET/15031		
4077747006	**WASTE CHARACTERIZATION-COMP**	EPA 420.1	WETA/15030		
4077747006	**WASTE CHARACTERIZATION-COMP**	SW-846 7.3.3.2	WETA/24756		

Pace Analytical - Green Bay
Attention: Kang Khang
1241 Bellvue St.
Green Bay,WI 54302

Date Received: 05/15/2013
Date Reported: 05/17/13 16:42
Client Project: Soil Test
Client Project ID: Soil Test

Project #: Soil Test

Certificate of Analysis

All quality control samples and checks were within acceptance limits unless otherwise indicated. Test results pertain only to those items tested. All samples were in good condition when received by the laboratory unless otherwise noted. All LOD/LOQs are adjusted to reflect dilutions.

DNR #	Analyte	Result Wet Wt.	LOD Wet Wt.	Result Dry Wt.	LOD Dry Wt.	Units	Dilution Factor	Date Prepared	Date Analyzed	Method	Notes
SWE0640-01	**Waste (4077747006)**					**Date Sampled: 05/10/2013**					
	Preparation: SW-846 5050					Prepared By: HTM		Analyzed By:	HTM		
	Chlorine as Cl	0.005	0.001	0.005	0.001	% Wt.	1	5/15/13	05/17/13	D808	
								Analyzed By:	HTM	SM2540G 20th	
	Solids			88.88		% Wt.		5/16/13	05/17/13	Ed.	

Total Chlorine by Oxygen Bomb / Ion Chromatography - Quality Control

SF Analytical Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 13E0596 - SIA - Bomb Prep										
Blank (13E0596-BLK1)				Prepared: 05/15/13 Analyzed: 05/17/13						
Chlorine as Cl	ND	0.00003	% Wt.							

This report was prepared and printed by:

Heather Martel for Gary Geipel, Specialty and Investigative Manager

SF Analytical Laboratories • 2345 South 170th Street • New Berlin, WI 53151
Phone: (262) 754-5300 • Toll Free: (800) 300-6700 • Fax: (262) 754-5310 • sflabs.com

Pace Analytical®
www.pacelabs.com

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

4077747

CHAIN OF CUSTODY

(Please Print Clearly)	
Company Name:	AECOM
Branch/Location:	Milwaukee, WI
Project Contact:	Lanette Altenbach
Phone:	414.944.6186
Project Number:	60289643, Task: 1
Project Name:	C&L Industrial Cleaners
Project State:	WI
Sampled By (Print):	Lee M. Wilson
Sampled By (Sign):	Lee M. Wilson
PO #:	Regulatory Program:

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

***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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: VOCs	Waste Characterization-TCLP VOCs, SVOCs, & RCRA Metals, Free liquids Flash point, pH, total phenolics, % Chlorine
001	TB-05102013	5/10/13	0800	GW/QC	N	F	X	
002	PZ-4/7-9	5/10/13	0845	S	N	A	X	
003	PZ-4/29-30	5/10/13	0900	S			X	
004	PZ-20/3-5	5/10/13	1115	S			X	
005	PZ-20/29-30	5/10/13	1120	S			X	
006	Waste-Characterization-Comp	5/10/13	1450	S				X

Analysis per Contract

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	SAME
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
	1-40mlF 2-40mlF, 1-4ozpA 6-4ozagA	

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:
Lee M. Wilson	5/13/13 0615	Mary Fannin	5/13/13 12:40
Mary Fannin	5/13/13 1500		
C&Logistics	5/14/13 0850	Pace GB	5/14/13 0850

PACE Project No.: 4077747
Receipt Temp = ROI °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal: Present / Not Present; Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Pace Analytical Services, I
1241 Bellevue Street, Suit
Green Bay, WI 543

Pace Analytical™

Sample Condition Upon Receipt

Client Name: AECOM Milw Project # 480774747

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☑ Commercial ☐ Pace Other CSLogistics

Tracking #:

Custody Seal on Cooler/Box Present: ☑ yes ☐ no Seals intact: ☑ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other

Thermometer Used N/A Type of Ice: (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: RoI /Corr: Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Person examining contents:
Date: 5/14/13
Initials: EMH

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☐Yes ☑No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☐Yes ☑No ☐N/A	12. 006 only bubble bag labeled no sample jars have labels, matched by process of elimination EMH 5/14/13
-Includes date/time/ID/Analysis Matrix: S		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐Yes ☐No ☑N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☐Yes ☐No	Initial when completed / Lab Std #ID of preservative / Date/ Time:
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	14.
Trip Blank Present:	☑Yes ☐No ☐N/A	15.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: Date/Time:

Comments/ Resolution: ID on 001 is TB-20130510 on sample and TB-05102013 on COC matched by time. 5/14/13 MV

Project Manager Review: Date: 5/14/13

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

June 06, 2013

Lanette Altenbach
AECOM, Inc.- MILWAUKEE
1555 N River Center Drive
Suite 214
Milwaukee, WI 53212

RE: Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Dear Lanette Altenbach:
Enclosed are the analytical results for sample(s) received by the laboratory on May 24, 2013. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kang Khang

kang.khang@pacelabs.com
Project Manager

Enclosures

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4078577001	MW-20	Water	05/22/13 10:25	05/24/13 16:00
4078577002	PZ-20	Water	05/22/13 11:00	05/24/13 16:00
4078577003	MW-4	Water	05/22/13 11:45	05/24/13 16:00
4078577004	PZ-4	Water	05/22/13 12:25	05/24/13 16:00
4078577005	MW-5P	Water	05/22/13 14:05	05/24/13 16:00
4078577006	MW-5	Water	05/22/13 13:20	05/24/13 16:00
4078577007	B-3	Water	05/22/13 14:40	05/24/13 16:00
4078577008	B-3 DUP	Water	05/22/13 14:40	05/24/13 16:00
4078577009	MW-24	Water	05/22/13 15:35	05/24/13 16:00
4078577010	MW-2	Water	05/22/13 16:45	05/24/13 16:00
4078577011	B-5	Water	05/22/13 17:30	05/24/13 16:00
4078577012	B-6	Water	05/23/13 09:50	05/24/13 16:00
4078577013	MW-6	Water	05/23/13 11:35	05/24/13 16:00
4078577014	MW-23	Water	05/23/13 12:20	05/24/13 16:00
4078577015	MW-21	Water	05/23/13 13:20	05/24/13 16:00
4078577016	MW-1	Water	05/23/13 10:40	05/24/13 16:00
4078577017	B-7	Water	05/23/13 14:05	05/24/13 16:00
4078577018	B-12	Water	05/23/13 15:00	05/24/13 16:00
4078577019	MW-26	Water	05/23/13 15:40	05/24/13 16:00
4078577020	MW-3	Water	05/23/13 16:20	05/24/13 16:00
4078577021	B-16	Water	05/23/13 16:50	05/24/13 16:00
4078577022	TRIP BLANK	Water	05/22/13 10:00	05/24/13 16:00

Pace Analytical Services, Inc.
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(920)469-2436

SAMPLE ANALYTE COUNT

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4078577001	MW-20	EPA 8260	LAP	64	PASI-G
4078577002	PZ-20	EPA 8260	LAP	64	PASI-G
4078577003	MW-4	EPA 8260	LAP	64	PASI-G
4078577004	PZ-4	EPA 8260	LAP	64	PASI-G
4078577005	MW-5P	EPA 8260	LAP	64	PASI-G
4078577006	MW-5	EPA 8260	LAP	64	PASI-G
4078577007	B-3	EPA 8260	LAP	64	PASI-G
4078577008	B-3 DUP	EPA 8260	LAP	64	PASI-G
4078577009	MW-24	EPA 8260	LAP	64	PASI-G
4078577010	MW-2	EPA 8260	LAP	64	PASI-G
4078577011	B-5	EPA 8260	LAP	64	PASI-G
4078577012	B-6	EPA 8260	HNW	64	PASI-G
4078577013	MW-6	EPA 8260	HNW	64	PASI-G
4078577014	MW-23	EPA 8260	HNW	64	PASI-G
4078577015	MW-21	EPA 8260	HNW	64	PASI-G
4078577016	MW-1	EPA 8260	HNW	64	PASI-G
4078577017	B-7	EPA 8260	HNW	64	PASI-G
4078577018	B-12	EPA 8260	HNW	64	PASI-G
4078577019	MW-26	EPA 8260	HNW	64	PASI-G
4078577020	MW-3	EPA 8260	HNW	64	PASI-G
4078577021	B-16	EPA 8260	HNW	64	PASI-G
4078577022	TRIP BLANK	EPA 8260	LAP	64	PASI-G

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: MW-20 **Lab ID: 4078577001** Collected: 05/22/13 10:25 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<50.0**	ug/L	100	50.0	100		06/03/13 22:00	71-43-2	
Bromobenzene	**<48.4**	ug/L	100	48.4	100		06/03/13 22:00	108-86-1	
Bromochloromethane	**<49.2**	ug/L	100	49.2	100		06/03/13 22:00	74-97-5	
Bromodichloromethane	**<45.3**	ug/L	100	45.3	100		06/03/13 22:00	75-27-4	
Bromoform	**<23.3**	ug/L	100	23.3	100		06/03/13 22:00	75-25-2	
Bromomethane	**<43.0**	ug/L	500	43.0	100		06/03/13 22:00	74-83-9	
n-Butylbenzene	**<40.0**	ug/L	100	40.0	100		06/03/13 22:00	104-51-8	
sec-Butylbenzene	**<60.5**	ug/L	500	60.5	100		06/03/13 22:00	135-98-8	
tert-Butylbenzene	**<42.4**	ug/L	100	42.4	100		06/03/13 22:00	98-06-6	
Carbon tetrachloride	**<36.5**	ug/L	100	36.5	100		06/03/13 22:00	56-23-5	
Chlorobenzene	**<35.8**	ug/L	100	35.8	100		06/03/13 22:00	108-90-7	
Chloroethane	**<44.4**	ug/L	100	44.4	100		06/03/13 22:00	75-00-3	
Chloroform	**<68.9**	ug/L	500	68.9	100		06/03/13 22:00	67-66-3	
Chloromethane	**<38.8**	ug/L	100	38.8	100		06/03/13 22:00	74-87-3	
2-Chlorotoluene	**<47.7**	ug/L	100	47.7	100		06/03/13 22:00	95-49-8	
4-Chlorotoluene	**<48.4**	ug/L	100	48.4	100		06/03/13 22:00	106-43-4	
1,2-Dibromo-3-chloropropane	**<150**	ug/L	500	150	100		06/03/13 22:00	96-12-8	
Dibromochloromethane	**<190**	ug/L	500	190	100		06/03/13 22:00	124-48-1	
1,2-Dibromoethane (EDB)	**<38.1**	ug/L	100	38.1	100		06/03/13 22:00	106-93-4	
Dibromomethane	**<48.0**	ug/L	100	48.0	100		06/03/13 22:00	74-95-3	
1,2-Dichlorobenzene	**<43.9**	ug/L	100	43.9	100		06/03/13 22:00	95-50-1	
1,3-Dichlorobenzene	**<45.1**	ug/L	100	45.1	100		06/03/13 22:00	541-73-1	
1,4-Dichlorobenzene	**<43.4**	ug/L	100	43.4	100		06/03/13 22:00	106-46-7	
Dichlorodifluoromethane	**<40.1**	ug/L	100	40.1	100		06/03/13 22:00	75-71-8	
1,1-Dichloroethane	**<28.5**	ug/L	100	28.5	100		06/03/13 22:00	75-34-3	
1,2-Dichloroethane	**<47.6**	ug/L	100	47.6	100		06/03/13 22:00	107-06-2	
1,1-Dichloroethene	**<42.7**	ug/L	100	42.7	100		06/03/13 22:00	75-35-4	
cis-1,2-Dichloroethene	**<41.9**	ug/L	100	41.9	100		06/03/13 22:00	156-59-2	
trans-1,2-Dichloroethene	**<37.1**	ug/L	100	37.1	100		06/03/13 22:00	156-60-5	
1,2-Dichloropropane	**<49.8**	ug/L	100	49.8	100		06/03/13 22:00	78-87-5	
1,3-Dichloropropane	**<46.3**	ug/L	100	46.3	100		06/03/13 22:00	142-28-9	
2,2-Dichloropropane	**<36.9**	ug/L	100	36.9	100		06/03/13 22:00	594-20-7	
1,1-Dichloropropene	**<50.7**	ug/L	100	50.7	100		06/03/13 22:00	563-58-6	
cis-1,3-Dichloropropene	**<29.0**	ug/L	100	29.0	100		06/03/13 22:00	10061-01-5	
trans-1,3-Dichloropropene	**<26.2**	ug/L	100	26.2	100		06/03/13 22:00	10061-02-6	
Diisopropyl ether	**<50.0**	ug/L	100	50.0	100		06/03/13 22:00	108-20-3	
Ethylbenzene	**<50.0**	ug/L	100	50.0	100		06/03/13 22:00	100-41-4	
Hexachloro-1,3-butadiene	**<126**	ug/L	500	126	100		06/03/13 22:00	87-68-3	
Isopropylbenzene (Cumene)	**<34.1**	ug/L	100	34.1	100		06/03/13 22:00	98-82-8	
p-Isopropyltoluene	**<39.7**	ug/L	100	39.7	100		06/03/13 22:00	99-87-6	
Methylene Chloride	**<35.9**	ug/L	100	35.9	100		06/03/13 22:00	75-09-2	
Methyl-tert-butyl ether	**<49.4**	ug/L	100	49.4	100		06/03/13 22:00	1634-04-4	
Naphthalene	**<250**	ug/L	500	250	100		06/03/13 22:00	91-20-3	
n-Propylbenzene	**<50.0**	ug/L	100	50.0	100		06/03/13 22:00	103-65-1	
Styrene	**<35.0**	ug/L	100	35.0	100		06/03/13 22:00	100-42-5	
1,1,1,2-Tetrachloroethane	**<45.0**	ug/L	100	45.0	100		06/03/13 22:00	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: MW-20 **Lab ID: 4078577001** Collected: 05/22/13 10:25 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<38.4**	ug/L	100	38.4	100		06/03/13 22:00	79-34-5	
Tetrachloroethene	**7640**	ug/L	100	47.2	100		06/03/13 22:00	127-18-4	
Toluene	**<43.9**	ug/L	100	43.9	100		06/03/13 22:00	108-88-3	
1,2,3-Trichlorobenzene	**<76.8**	ug/L	500	76.8	100		06/03/13 22:00	87-61-6	
1,2,4-Trichlorobenzene	**<250**	ug/L	500	250	100		06/03/13 22:00	120-82-1	
1,1,1-Trichloroethane	**<44.3**	ug/L	100	44.3	100		06/03/13 22:00	71-55-6	
1,1,2-Trichloroethane	**<39.0**	ug/L	100	39.0	100		06/03/13 22:00	79-00-5	
Trichloroethene	**<42.9**	ug/L	100	42.9	100		06/03/13 22:00	79-01-6	
Trichlorofluoromethane	**<47.7**	ug/L	100	47.7	100		06/03/13 22:00	75-69-4	
1,2,3-Trichloropropane	**<46.8**	ug/L	100	46.8	100		06/03/13 22:00	96-18-4	
1,2,4-Trimethylbenzene	**<57.2**	ug/L	500	57.2	100		06/03/13 22:00	95-63-6	
1,3,5-Trimethylbenzene	**<250**	ug/L	500	250	100		06/03/13 22:00	108-67-8	
Vinyl chloride	**<18.5**	ug/L	100	18.5	100		06/03/13 22:00	75-01-4	
m&p-Xylene	**<81.7**	ug/L	200	81.7	100		06/03/13 22:00	179601-23-1	
o-Xylene	**<50.0**	ug/L	100	50.0	100		06/03/13 22:00	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	83	%	43-137		100		06/03/13 22:00	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		100		06/03/13 22:00	1868-53-7	
Toluene-d8 (S)	100	%	55-137		100		06/03/13 22:00	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: PZ-20 **Lab ID: 4078577002** Collected: 05/22/13 11:00 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/03/13 15:33	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		06/03/13 15:33	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		06/03/13 15:33	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		06/03/13 15:33	75-27-4	
Bromoform	**<0.23**	ug/L	1.0	0.23	1		06/03/13 15:33	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		06/03/13 15:33	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		06/03/13 15:33	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		06/03/13 15:33	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/03/13 15:33	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		06/03/13 15:33	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		06/03/13 15:33	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		06/03/13 15:33	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		06/03/13 15:33	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		06/03/13 15:33	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/03/13 15:33	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/03/13 15:33	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		06/03/13 15:33	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		06/03/13 15:33	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		06/03/13 15:33	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		06/03/13 15:33	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		06/03/13 15:33	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		06/03/13 15:33	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		06/03/13 15:33	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		06/03/13 15:33	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/03/13 15:33	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		06/03/13 15:33	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/03/13 15:33	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		06/03/13 15:33	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		06/03/13 15:33	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		06/03/13 15:33	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		06/03/13 15:33	142-28-9	
2,2-Dichloropropane	**<0.37**	ug/L	1.0	0.37	1		06/03/13 15:33	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		06/03/13 15:33	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		06/03/13 15:33	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	1.0	0.26	1		06/03/13 15:33	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		06/03/13 15:33	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/03/13 15:33	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		06/03/13 15:33	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		06/03/13 15:33	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		06/03/13 15:33	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		06/03/13 15:33	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		06/03/13 15:33	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/03/13 15:33	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/03/13 15:33	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		06/03/13 15:33	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		06/03/13 15:33	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: PZ-20 **Lab ID: 4078577002** Collected: 05/22/13 11:00 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		06/03/13 15:33	79-34-5	
Tetrachloroethene	**106**	ug/L	1.0	0.47	1		06/03/13 15:33	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		06/03/13 15:33	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		06/03/13 15:33	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		06/03/13 15:33	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		06/03/13 15:33	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		06/03/13 15:33	79-00-5	
Trichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/03/13 15:33	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		06/03/13 15:33	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		06/03/13 15:33	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		06/03/13 15:33	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		06/03/13 15:33	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/03/13 15:33	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		06/03/13 15:33	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		06/03/13 15:33	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	84	%	43-137		1		06/03/13 15:33	460-00-4	
Dibromofluoromethane (S)	93	%	70-130		1		06/03/13 15:33	1868-53-7	
Toluene-d8 (S)	99	%	55-137		1		06/03/13 15:33	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: MW-4 **Lab ID: 4078577003** Collected: 05/22/13 11:45 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<100**	ug/L	200	100	200		06/03/13 22:23	71-43-2	
Bromobenzene	**<96.7**	ug/L	200	96.7	200		06/03/13 22:23	108-86-1	
Bromochloromethane	**<98.4**	ug/L	200	98.4	200		06/03/13 22:23	74-97-5	
Bromodichloromethane	**<90.6**	ug/L	200	90.6	200		06/03/13 22:23	75-27-4	
Bromoform	**<46.5**	ug/L	200	46.5	200		06/03/13 22:23	75-25-2	
Bromomethane	**<85.9**	ug/L	1000	85.9	200		06/03/13 22:23	74-83-9	
n-Butylbenzene	**<79.9**	ug/L	200	79.9	200		06/03/13 22:23	104-51-8	
sec-Butylbenzene	**<121**	ug/L	1000	121	200		06/03/13 22:23	135-98-8	
tert-Butylbenzene	**<84.9**	ug/L	200	84.9	200		06/03/13 22:23	98-06-6	
Carbon tetrachloride	**<73.0**	ug/L	200	73.0	200		06/03/13 22:23	56-23-5	
Chlorobenzene	**<71.7**	ug/L	200	71.7	200		06/03/13 22:23	108-90-7	
Chloroethane	**<88.7**	ug/L	200	88.7	200		06/03/13 22:23	75-00-3	
Chloroform	**<138**	ug/L	1000	138	200		06/03/13 22:23	67-66-3	
Chloromethane	**<77.5**	ug/L	200	77.5	200		06/03/13 22:23	74-87-3	
2-Chlorotoluene	**<95.3**	ug/L	200	95.3	200		06/03/13 22:23	95-49-8	
4-Chlorotoluene	**<96.7**	ug/L	200	96.7	200		06/03/13 22:23	106-43-4	
1,2-Dibromo-3-chloropropane	**<299**	ug/L	1000	299	200		06/03/13 22:23	96-12-8	
Dibromochloromethane	**<379**	ug/L	1000	379	200		06/03/13 22:23	124-48-1	
1,2-Dibromoethane (EDB)	**<76.2**	ug/L	200	76.2	200		06/03/13 22:23	106-93-4	
Dibromomethane	**<96.1**	ug/L	200	96.1	200		06/03/13 22:23	74-95-3	
1,2-Dichlorobenzene	**<87.7**	ug/L	200	87.7	200		06/03/13 22:23	95-50-1	
1,3-Dichlorobenzene	**<90.2**	ug/L	200	90.2	200		06/03/13 22:23	541-73-1	
1,4-Dichlorobenzene	**<86.9**	ug/L	200	86.9	200		06/03/13 22:23	106-46-7	
Dichlorodifluoromethane	**<80.2**	ug/L	200	80.2	200		06/03/13 22:23	75-71-8	
1,1-Dichloroethane	**<57.0**	ug/L	200	57.0	200		06/03/13 22:23	75-34-3	
1,2-Dichloroethane	**<95.3**	ug/L	200	95.3	200		06/03/13 22:23	107-06-2	
1,1-Dichloroethene	**<85.4**	ug/L	200	85.4	200		06/03/13 22:23	75-35-4	
cis-1,2-Dichloroethene	**<83.8**	ug/L	200	83.8	200		06/03/13 22:23	156-59-2	
trans-1,2-Dichloroethene	**<74.3**	ug/L	200	74.3	200		06/03/13 22:23	156-60-5	
1,2-Dichloropropane	**<99.6**	ug/L	200	99.6	200		06/03/13 22:23	78-87-5	
1,3-Dichloropropane	**<92.7**	ug/L	200	92.7	200		06/03/13 22:23	142-28-9	
2,2-Dichloropropane	**<73.8**	ug/L	200	73.8	200		06/03/13 22:23	594-20-7	
1,1-Dichloropropene	**<101**	ug/L	200	101	200		06/03/13 22:23	563-58-6	
cis-1,3-Dichloropropene	**<58.0**	ug/L	200	58.0	200		06/03/13 22:23	10061-01-5	
trans-1,3-Dichloropropene	**<52.4**	ug/L	200	52.4	200		06/03/13 22:23	10061-02-6	
Diisopropyl ether	**<100**	ug/L	200	100	200		06/03/13 22:23	108-20-3	
Ethylbenzene	**<100**	ug/L	200	100	200		06/03/13 22:23	100-41-4	
Hexachloro-1,3-butadiene	**<251**	ug/L	1000	251	200		06/03/13 22:23	87-68-3	
Isopropylbenzene (Cumene)	**<68.2**	ug/L	200	68.2	200		06/03/13 22:23	98-82-8	
p-Isopropyltoluene	**<79.4**	ug/L	200	79.4	200		06/03/13 22:23	99-87-6	
Methylene Chloride	**<71.7**	ug/L	200	71.7	200		06/03/13 22:23	75-09-2	
Methyl-tert-butyl ether	**<98.7**	ug/L	200	98.7	200		06/03/13 22:23	1634-04-4	
Naphthalene	**<500**	ug/L	1000	500	200		06/03/13 22:23	91-20-3	
n-Propylbenzene	**<100**	ug/L	200	100	200		06/03/13 22:23	103-65-1	
Styrene	**<70.0**	ug/L	200	70.0	200		06/03/13 22:23	100-42-5	
1,1,1,2-Tetrachloroethane	**<90.1**	ug/L	200	90.1	200		06/03/13 22:23	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: MW-4 **Lab ID: 4078577003** Collected: 05/22/13 11:45 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<76.8**	ug/L	200	76.8	200		06/03/13 22:23	79-34-5	
Tetrachloroethene	**15600**	ug/L	200	94.4	200		06/03/13 22:23	127-18-4	
Toluene	**<87.7**	ug/L	200	87.7	200		06/03/13 22:23	108-88-3	
1,2,3-Trichlorobenzene	**<154**	ug/L	1000	154	200		06/03/13 22:23	87-61-6	
1,2,4-Trichlorobenzene	**<500**	ug/L	1000	500	200		06/03/13 22:23	120-82-1	
1,1,1-Trichloroethane	**<88.6**	ug/L	200	88.6	200		06/03/13 22:23	71-55-6	
1,1,2-Trichloroethane	**<78.0**	ug/L	200	78.0	200		06/03/13 22:23	79-00-5	
Trichloroethene	**<85.8**	ug/L	200	85.8	200		06/03/13 22:23	79-01-6	
Trichlorofluoromethane	**<95.3**	ug/L	200	95.3	200		06/03/13 22:23	75-69-4	
1,2,3-Trichloropropane	**<93.7**	ug/L	200	93.7	200		06/03/13 22:23	96-18-4	
1,2,4-Trimethylbenzene	**<114**	ug/L	1000	114	200		06/03/13 22:23	95-63-6	
1,3,5-Trimethylbenzene	**<500**	ug/L	1000	500	200		06/03/13 22:23	108-67-8	
Vinyl chloride	**<37.0**	ug/L	200	37.0	200		06/03/13 22:23	75-01-4	
m&p-Xylene	**<163**	ug/L	400	163	200		06/03/13 22:23	179601-23-1	
o-Xylene	**<100**	ug/L	200	100	200		06/03/13 22:23	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	83	%	43-137		200		06/03/13 22:23	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		200		06/03/13 22:23	1868-53-7	
Toluene-d8 (S)	101	%	55-137		200		06/03/13 22:23	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: PZ-4 **Lab ID: 4078577004** Collected: 05/22/13 12:25 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/03/13 15:56	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		06/03/13 15:56	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		06/03/13 15:56	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		06/03/13 15:56	75-27-4	
Bromoform	**<0.23**	ug/L	1.0	0.23	1		06/03/13 15:56	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		06/03/13 15:56	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		06/03/13 15:56	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		06/03/13 15:56	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/03/13 15:56	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		06/03/13 15:56	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		06/03/13 15:56	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		06/03/13 15:56	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		06/03/13 15:56	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		06/03/13 15:56	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/03/13 15:56	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/03/13 15:56	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		06/03/13 15:56	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		06/03/13 15:56	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		06/03/13 15:56	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		06/03/13 15:56	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		06/03/13 15:56	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		06/03/13 15:56	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		06/03/13 15:56	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		06/03/13 15:56	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/03/13 15:56	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		06/03/13 15:56	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/03/13 15:56	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		06/03/13 15:56	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		06/03/13 15:56	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		06/03/13 15:56	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		06/03/13 15:56	142-28-9	
2,2-Dichloropropane	**<0.37**	ug/L	1.0	0.37	1		06/03/13 15:56	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		06/03/13 15:56	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		06/03/13 15:56	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	1.0	0.26	1		06/03/13 15:56	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		06/03/13 15:56	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/03/13 15:56	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		06/03/13 15:56	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		06/03/13 15:56	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		06/03/13 15:56	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		06/03/13 15:56	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		06/03/13 15:56	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/03/13 15:56	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/03/13 15:56	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		06/03/13 15:56	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		06/03/13 15:56	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: PZ-4 **Lab ID: 4078577004** Collected: 05/22/13 12:25 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		06/03/13 15:56	79-34-5	
Tetrachloroethene	**19.0**	ug/L	1.0	0.47	1		06/03/13 15:56	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		06/03/13 15:56	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		06/03/13 15:56	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		06/03/13 15:56	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		06/03/13 15:56	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		06/03/13 15:56	79-00-5	
Trichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/03/13 15:56	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		06/03/13 15:56	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		06/03/13 15:56	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		06/03/13 15:56	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		06/03/13 15:56	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/03/13 15:56	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		06/03/13 15:56	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		06/03/13 15:56	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	85	%	43-137		1		06/03/13 15:56	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		06/03/13 15:56	1868-53-7	
Toluene-d8 (S)	97	%	55-137		1		06/03/13 15:56	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: MW-5P **Lab ID: 4078577005** Collected: 05/22/13 14:05 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/03/13 14:47	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		06/03/13 14:47	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		06/03/13 14:47	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		06/03/13 14:47	75-27-4	
Bromoform	**<0.23**	ug/L	1.0	0.23	1		06/03/13 14:47	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		06/03/13 14:47	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		06/03/13 14:47	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		06/03/13 14:47	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/03/13 14:47	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		06/03/13 14:47	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		06/03/13 14:47	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		06/03/13 14:47	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		06/03/13 14:47	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		06/03/13 14:47	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/03/13 14:47	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/03/13 14:47	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		06/03/13 14:47	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		06/03/13 14:47	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		06/03/13 14:47	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		06/03/13 14:47	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		06/03/13 14:47	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		06/03/13 14:47	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		06/03/13 14:47	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		06/03/13 14:47	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/03/13 14:47	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		06/03/13 14:47	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/03/13 14:47	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		06/03/13 14:47	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		06/03/13 14:47	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		06/03/13 14:47	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		06/03/13 14:47	142-28-9	
2,2-Dichloropropane	**<0.37**	ug/L	1.0	0.37	1		06/03/13 14:47	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		06/03/13 14:47	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		06/03/13 14:47	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	1.0	0.26	1		06/03/13 14:47	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		06/03/13 14:47	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/03/13 14:47	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		06/03/13 14:47	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		06/03/13 14:47	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		06/03/13 14:47	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		06/03/13 14:47	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		06/03/13 14:47	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/03/13 14:47	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/03/13 14:47	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		06/03/13 14:47	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		06/03/13 14:47	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: MW-5P **Lab ID: 4078577005** Collected: 05/22/13 14:05 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		06/03/13 14:47	79-34-5	
Tetrachloroethene	**1.0**	ug/L	1.0	0.47	1		06/03/13 14:47	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		06/03/13 14:47	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		06/03/13 14:47	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		06/03/13 14:47	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		06/03/13 14:47	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		06/03/13 14:47	79-00-5	
Trichloroethene	**0.90J**	ug/L	1.0	0.43	1		06/03/13 14:47	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		06/03/13 14:47	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		06/03/13 14:47	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		06/03/13 14:47	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		06/03/13 14:47	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/03/13 14:47	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		06/03/13 14:47	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		06/03/13 14:47	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	85	%	43-137		1		06/03/13 14:47	460-00-4	
Dibromofluoromethane (S)	95	%	70-130		1		06/03/13 14:47	1868-53-7	
Toluene-d8 (S)	99	%	55-137		1		06/03/13 14:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: MW-5 **Lab ID: 4078577006** Collected: 05/22/13 13:20 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<10.0**	ug/L	20.0	10.0	20		06/05/13 03:24	71-43-2	
Bromobenzene	**<9.7**	ug/L	20.0	9.7	20		06/05/13 03:24	108-86-1	
Bromochloromethane	**<9.8**	ug/L	20.0	9.8	20		06/05/13 03:24	74-97-5	
Bromodichloromethane	**<9.1**	ug/L	20.0	9.1	20		06/05/13 03:24	75-27-4	
Bromoform	**<4.7**	ug/L	20.0	4.7	20		06/05/13 03:24	75-25-2	
Bromomethane	**<8.6**	ug/L	100	8.6	20		06/05/13 03:24	74-83-9	
n-Butylbenzene	**<8.0**	ug/L	20.0	8.0	20		06/05/13 03:24	104-51-8	
sec-Butylbenzene	**<12.1**	ug/L	100	12.1	20		06/05/13 03:24	135-98-8	
tert-Butylbenzene	**<8.5**	ug/L	20.0	8.5	20		06/05/13 03:24	98-06-6	
Carbon tetrachloride	**<7.3**	ug/L	20.0	7.3	20		06/05/13 03:24	56-23-5	
Chlorobenzene	**<7.2**	ug/L	20.0	7.2	20		06/05/13 03:24	108-90-7	
Chloroethane	**<8.9**	ug/L	20.0	8.9	20		06/05/13 03:24	75-00-3	
Chloroform	**<13.8**	ug/L	100	13.8	20		06/05/13 03:24	67-66-3	
Chloromethane	**<7.8**	ug/L	20.0	7.8	20		06/05/13 03:24	74-87-3	
2-Chlorotoluene	**<9.5**	ug/L	20.0	9.5	20		06/05/13 03:24	95-49-8	
4-Chlorotoluene	**<9.7**	ug/L	20.0	9.7	20		06/05/13 03:24	106-43-4	
1,2-Dibromo-3-chloropropane	**<29.9**	ug/L	100	29.9	20		06/05/13 03:24	96-12-8	
Dibromochloromethane	**<37.9**	ug/L	100	37.9	20		06/05/13 03:24	124-48-1	
1,2-Dibromoethane (EDB)	**<7.6**	ug/L	20.0	7.6	20		06/05/13 03:24	106-93-4	
Dibromomethane	**<9.6**	ug/L	20.0	9.6	20		06/05/13 03:24	74-95-3	
1,2-Dichlorobenzene	**<8.8**	ug/L	20.0	8.8	20		06/05/13 03:24	95-50-1	
1,3-Dichlorobenzene	**<9.0**	ug/L	20.0	9.0	20		06/05/13 03:24	541-73-1	
1,4-Dichlorobenzene	**<8.7**	ug/L	20.0	8.7	20		06/05/13 03:24	106-46-7	
Dichlorodifluoromethane	**<8.0**	ug/L	20.0	8.0	20		06/05/13 03:24	75-71-8	
1,1-Dichloroethane	**<5.7**	ug/L	20.0	5.7	20		06/05/13 03:24	75-34-3	
1,2-Dichloroethane	**<9.5**	ug/L	20.0	9.5	20		06/05/13 03:24	107-06-2	
1,1-Dichloroethene	**<8.5**	ug/L	20.0	8.5	20		06/05/13 03:24	75-35-4	
cis-1,2-Dichloroethene	**<8.4**	ug/L	20.0	8.4	20		06/05/13 03:24	156-59-2	
trans-1,2-Dichloroethene	**<7.4**	ug/L	20.0	7.4	20		06/05/13 03:24	156-60-5	
1,2-Dichloropropane	**<10**	ug/L	20.0	10	20		06/05/13 03:24	78-87-5	
1,3-Dichloropropane	**<9.3**	ug/L	20.0	9.3	20		06/05/13 03:24	142-28-9	
2,2-Dichloropropane	**<7.4**	ug/L	20.0	7.4	20		06/05/13 03:24	594-20-7	
1,1-Dichloropropene	**<10.1**	ug/L	20.0	10.1	20		06/05/13 03:24	563-58-6	
cis-1,3-Dichloropropene	**<5.8**	ug/L	20.0	5.8	20		06/05/13 03:24	10061-01-5	
trans-1,3-Dichloropropene	**<5.2**	ug/L	20.0	5.2	20		06/05/13 03:24	10061-02-6	
Diisopropyl ether	**<10.0**	ug/L	20.0	10.0	20		06/05/13 03:24	108-20-3	
Ethylbenzene	**<10.0**	ug/L	20.0	10.0	20		06/05/13 03:24	100-41-4	
Hexachloro-1,3-butadiene	**<25.1**	ug/L	100	25.1	20		06/05/13 03:24	87-68-3	
Isopropylbenzene (Cumene)	**<6.8**	ug/L	20.0	6.8	20		06/05/13 03:24	98-82-8	
p-Isopropyltoluene	**<7.9**	ug/L	20.0	7.9	20		06/05/13 03:24	99-87-6	
Methylene Chloride	**<7.2**	ug/L	20.0	7.2	20		06/05/13 03:24	75-09-2	
Methyl-tert-butyl ether	**<9.9**	ug/L	20.0	9.9	20		06/05/13 03:24	1634-04-4	
Naphthalene	**<50.0**	ug/L	100	50.0	20		06/05/13 03:24	91-20-3	
n-Propylbenzene	**<10.0**	ug/L	20.0	10.0	20		06/05/13 03:24	103-65-1	
Styrene	**<7.0**	ug/L	20.0	7.0	20		06/05/13 03:24	100-42-5	
1,1,1,2-Tetrachloroethane	**<9.0**	ug/L	20.0	9.0	20		06/05/13 03:24	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: MW-5 **Lab ID: 4078577006** Collected: 05/22/13 13:20 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<7.7**	ug/L	20.0	7.7	20		06/05/13 03:24	79-34-5	
Tetrachloroethene	**1940**	ug/L	20.0	9.4	20		06/05/13 03:24	127-18-4	
Toluene	**<8.8**	ug/L	20.0	8.8	20		06/05/13 03:24	108-88-3	
1,2,3-Trichlorobenzene	**<15.4**	ug/L	100	15.4	20		06/05/13 03:24	87-61-6	
1,2,4-Trichlorobenzene	**<50.0**	ug/L	100	50.0	20		06/05/13 03:24	120-82-1	
1,1,1-Trichloroethane	**<8.9**	ug/L	20.0	8.9	20		06/05/13 03:24	71-55-6	
1,1,2-Trichloroethane	**<7.8**	ug/L	20.0	7.8	20		06/05/13 03:24	79-00-5	
Trichloroethene	**22.4**	ug/L	20.0	8.6	20		06/05/13 03:24	79-01-6	
Trichlorofluoromethane	**<9.5**	ug/L	20.0	9.5	20		06/05/13 03:24	75-69-4	
1,2,3-Trichloropropane	**<9.4**	ug/L	20.0	9.4	20		06/05/13 03:24	96-18-4	
1,2,4-Trimethylbenzene	**<11.4**	ug/L	100	11.4	20		06/05/13 03:24	95-63-6	
1,3,5-Trimethylbenzene	**<50.0**	ug/L	100	50.0	20		06/05/13 03:24	108-67-8	
Vinyl chloride	**<3.7**	ug/L	20.0	3.7	20		06/05/13 03:24	75-01-4	
m&p-Xylene	**<16.3**	ug/L	40.0	16.3	20		06/05/13 03:24	179601-23-1	
o-Xylene	**<10.0**	ug/L	20.0	10.0	20		06/05/13 03:24	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	43-137		20		06/05/13 03:24	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		20		06/05/13 03:24	1868-53-7	
Toluene-d8 (S)	99	%	55-137		20		06/05/13 03:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: B-3 **Lab ID: 4078577007** Collected: 05/22/13 14:40 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/03/13 16:41	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		06/03/13 16:41	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		06/03/13 16:41	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		06/03/13 16:41	75-27-4	
Bromoform	**<0.23**	ug/L	1.0	0.23	1		06/03/13 16:41	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		06/03/13 16:41	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		06/03/13 16:41	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		06/03/13 16:41	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/03/13 16:41	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		06/03/13 16:41	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		06/03/13 16:41	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		06/03/13 16:41	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		06/03/13 16:41	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		06/03/13 16:41	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/03/13 16:41	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/03/13 16:41	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		06/03/13 16:41	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		06/03/13 16:41	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		06/03/13 16:41	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		06/03/13 16:41	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		06/03/13 16:41	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		06/03/13 16:41	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		06/03/13 16:41	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		06/03/13 16:41	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/03/13 16:41	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		06/03/13 16:41	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/03/13 16:41	75-35-4	
cis-1,2-Dichloroethene	**1.0**	ug/L	1.0	0.42	1		06/03/13 16:41	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		06/03/13 16:41	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		06/03/13 16:41	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		06/03/13 16:41	142-28-9	
2,2-Dichloropropane	**<0.37**	ug/L	1.0	0.37	1		06/03/13 16:41	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		06/03/13 16:41	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		06/03/13 16:41	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	1.0	0.26	1		06/03/13 16:41	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		06/03/13 16:41	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/03/13 16:41	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		06/03/13 16:41	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		06/03/13 16:41	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		06/03/13 16:41	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		06/03/13 16:41	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		06/03/13 16:41	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/03/13 16:41	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/03/13 16:41	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		06/03/13 16:41	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		06/03/13 16:41	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: B-3 **Lab ID: 4078577007** Collected: 05/22/13 14:40 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		06/03/13 16:41	79-34-5	
Tetrachloroethene	**246**	ug/L	1.0	0.47	1		06/03/13 16:41	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		06/03/13 16:41	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		06/03/13 16:41	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		06/03/13 16:41	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		06/03/13 16:41	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		06/03/13 16:41	79-00-5	
Trichloroethene	**4.1**	ug/L	1.0	0.43	1		06/03/13 16:41	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		06/03/13 16:41	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		06/03/13 16:41	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		06/03/13 16:41	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		06/03/13 16:41	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/03/13 16:41	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		06/03/13 16:41	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		06/03/13 16:41	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	84	%	43-137		1		06/03/13 16:41	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		06/03/13 16:41	1868-53-7	
Toluene-d8 (S)	101	%	55-137		1		06/03/13 16:41	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: B-3 DUP **Lab ID: 4078577008** Collected: 05/22/13 14:40 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/03/13 17:04	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		06/03/13 17:04	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		06/03/13 17:04	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		06/03/13 17:04	75-27-4	
Bromoform	**<0.23**	ug/L	1.0	0.23	1		06/03/13 17:04	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		06/03/13 17:04	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		06/03/13 17:04	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		06/03/13 17:04	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/03/13 17:04	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		06/03/13 17:04	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		06/03/13 17:04	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		06/03/13 17:04	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		06/03/13 17:04	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		06/03/13 17:04	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/03/13 17:04	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/03/13 17:04	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		06/03/13 17:04	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		06/03/13 17:04	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		06/03/13 17:04	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		06/03/13 17:04	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		06/03/13 17:04	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		06/03/13 17:04	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		06/03/13 17:04	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		06/03/13 17:04	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/03/13 17:04	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		06/03/13 17:04	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/03/13 17:04	75-35-4	
cis-1,2-Dichloroethene	**1.0**	ug/L	1.0	0.42	1		06/03/13 17:04	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		06/03/13 17:04	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		06/03/13 17:04	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		06/03/13 17:04	142-28-9	
2,2-Dichloropropane	**<0.37**	ug/L	1.0	0.37	1		06/03/13 17:04	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		06/03/13 17:04	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		06/03/13 17:04	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	1.0	0.26	1		06/03/13 17:04	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		06/03/13 17:04	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/03/13 17:04	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		06/03/13 17:04	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		06/03/13 17:04	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		06/03/13 17:04	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		06/03/13 17:04	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		06/03/13 17:04	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/03/13 17:04	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/03/13 17:04	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		06/03/13 17:04	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		06/03/13 17:04	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: B-3 DUP **Lab ID: 4078577008** Collected: 05/22/13 14:40 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		06/03/13 17:04	79-34-5	
Tetrachloroethene	**240**	ug/L	1.0	0.47	1		06/03/13 17:04	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		06/03/13 17:04	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		06/03/13 17:04	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		06/03/13 17:04	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		06/03/13 17:04	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		06/03/13 17:04	79-00-5	
Trichloroethene	**4.1**	ug/L	1.0	0.43	1		06/03/13 17:04	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		06/03/13 17:04	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		06/03/13 17:04	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		06/03/13 17:04	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		06/03/13 17:04	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/03/13 17:04	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		06/03/13 17:04	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		06/03/13 17:04	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	83	%	43-137		1		06/03/13 17:04	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		06/03/13 17:04	1868-53-7	
Toluene-d8 (S)	100	%	55-137		1		06/03/13 17:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: MW-24 **Lab ID: 4078577009** Collected: 05/22/13 15:35 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 21:48	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 21:48	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		06/04/13 21:48	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		06/04/13 21:48	75-27-4	
Bromoform	**<0.23**	ug/L	1.0	0.23	1		06/04/13 21:48	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		06/04/13 21:48	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		06/04/13 21:48	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		06/04/13 21:48	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/04/13 21:48	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		06/04/13 21:48	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		06/04/13 21:48	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		06/04/13 21:48	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		06/04/13 21:48	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		06/04/13 21:48	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 21:48	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 21:48	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		06/04/13 21:48	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		06/04/13 21:48	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		06/04/13 21:48	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 21:48	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		06/04/13 21:48	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		06/04/13 21:48	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 21:48	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		06/04/13 21:48	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/04/13 21:48	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 21:48	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 21:48	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		06/04/13 21:48	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		06/04/13 21:48	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		06/04/13 21:48	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		06/04/13 21:48	142-28-9	
2,2-Dichloropropane	**<0.37**	ug/L	1.0	0.37	1		06/04/13 21:48	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		06/04/13 21:48	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		06/04/13 21:48	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	1.0	0.26	1		06/04/13 21:48	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		06/04/13 21:48	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 21:48	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		06/04/13 21:48	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		06/04/13 21:48	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		06/04/13 21:48	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		06/04/13 21:48	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		06/04/13 21:48	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 21:48	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 21:48	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		06/04/13 21:48	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		06/04/13 21:48	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: MW-24 **Lab ID: 4078577009** Collected: 05/22/13 15:35 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		06/04/13 21:48	79-34-5	
Tetrachloroethene	**<0.47**	ug/L	1.0	0.47	1		06/04/13 21:48	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		06/04/13 21:48	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		06/04/13 21:48	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 21:48	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		06/04/13 21:48	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		06/04/13 21:48	79-00-5	
Trichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 21:48	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 21:48	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		06/04/13 21:48	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		06/04/13 21:48	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 21:48	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/04/13 21:48	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		06/04/13 21:48	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 21:48	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	43-137		1		06/04/13 21:48	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		06/04/13 21:48	1868-53-7	
Toluene-d8 (S)	95	%	55-137		1		06/04/13 21:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: MW-2 **Lab ID: 4078577010** Collected: 05/22/13 16:45 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 12:46	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 12:46	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		06/04/13 12:46	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		06/04/13 12:46	75-27-4	
Bromoform	**<0.23**	ug/L	1.0	0.23	1		06/04/13 12:46	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		06/04/13 12:46	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		06/04/13 12:46	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		06/04/13 12:46	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/04/13 12:46	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		06/04/13 12:46	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		06/04/13 12:46	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		06/04/13 12:46	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		06/04/13 12:46	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		06/04/13 12:46	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 12:46	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 12:46	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		06/04/13 12:46	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		06/04/13 12:46	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		06/04/13 12:46	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 12:46	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		06/04/13 12:46	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		06/04/13 12:46	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 12:46	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		06/04/13 12:46	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/04/13 12:46	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 12:46	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 12:46	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		06/04/13 12:46	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		06/04/13 12:46	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		06/04/13 12:46	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		06/04/13 12:46	142-28-9	
2,2-Dichloropropane	**<0.37**	ug/L	1.0	0.37	1		06/04/13 12:46	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		06/04/13 12:46	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		06/04/13 12:46	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	1.0	0.26	1		06/04/13 12:46	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		06/04/13 12:46	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 12:46	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		06/04/13 12:46	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		06/04/13 12:46	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		06/04/13 12:46	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		06/04/13 12:46	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		06/04/13 12:46	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 12:46	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 12:46	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		06/04/13 12:46	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		06/04/13 12:46	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: MW-2 **Lab ID: 4078577010** Collected: 05/22/13 16:45 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		06/04/13 12:46	79-34-5	
Tetrachloroethene	**<0.47**	ug/L	1.0	0.47	1		06/04/13 12:46	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		06/04/13 12:46	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		06/04/13 12:46	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 12:46	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		06/04/13 12:46	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		06/04/13 12:46	79-00-5	
Trichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 12:46	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 12:46	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		06/04/13 12:46	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		06/04/13 12:46	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 12:46	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/04/13 12:46	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		06/04/13 12:46	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 12:46	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	43-137		1		06/04/13 12:46	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		06/04/13 12:46	1868-53-7	
Toluene-d8 (S)	97	%	55-137		1		06/04/13 12:46	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: B-5 **Lab ID: 4078577011** Collected: 05/22/13 17:30 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 13:08	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 13:08	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		06/04/13 13:08	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		06/04/13 13:08	75-27-4	
Bromoform	**<0.23**	ug/L	1.0	0.23	1		06/04/13 13:08	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		06/04/13 13:08	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		06/04/13 13:08	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		06/04/13 13:08	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/04/13 13:08	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		06/04/13 13:08	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		06/04/13 13:08	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		06/04/13 13:08	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		06/04/13 13:08	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		06/04/13 13:08	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 13:08	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 13:08	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		06/04/13 13:08	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		06/04/13 13:08	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		06/04/13 13:08	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 13:08	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		06/04/13 13:08	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		06/04/13 13:08	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 13:08	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		06/04/13 13:08	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/04/13 13:08	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 13:08	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 13:08	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		06/04/13 13:08	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		06/04/13 13:08	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		06/04/13 13:08	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		06/04/13 13:08	142-28-9	
2,2-Dichloropropane	**<0.37**	ug/L	1.0	0.37	1		06/04/13 13:08	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		06/04/13 13:08	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		06/04/13 13:08	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	1.0	0.26	1		06/04/13 13:08	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		06/04/13 13:08	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 13:08	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		06/04/13 13:08	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		06/04/13 13:08	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		06/04/13 13:08	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		06/04/13 13:08	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		06/04/13 13:08	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 13:08	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 13:08	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		06/04/13 13:08	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		06/04/13 13:08	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: B-5 **Lab ID: 4078577011** Collected: 05/22/13 17:30 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		06/04/13 13:08	79-34-5	
Tetrachloroethene	**<0.47**	ug/L	1.0	0.47	1		06/04/13 13:08	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		06/04/13 13:08	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		06/04/13 13:08	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 13:08	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		06/04/13 13:08	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		06/04/13 13:08	79-00-5	
Trichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 13:08	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 13:08	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		06/04/13 13:08	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		06/04/13 13:08	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 13:08	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/04/13 13:08	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		06/04/13 13:08	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 13:08	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	43-137		1		06/04/13 13:08	460-00-4	
Dibromofluoromethane (S)	111	%	70-130		1		06/04/13 13:08	1868-53-7	
Toluene-d8 (S)	96	%	55-137		1		06/04/13 13:08	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: B-6 **Lab ID: 4078577012** Collected: 05/23/13 09:50 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 00:09	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 00:09	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		06/04/13 00:09	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		06/04/13 00:09	75-27-4	
Bromoform	**<0.23**	ug/L	20.0	0.23	1		06/04/13 00:09	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		06/04/13 00:09	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		06/04/13 00:09	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		06/04/13 00:09	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/04/13 00:09	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		06/04/13 00:09	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		06/04/13 00:09	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		06/04/13 00:09	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		06/04/13 00:09	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		06/04/13 00:09	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 00:09	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 00:09	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		06/04/13 00:09	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		06/04/13 00:09	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		06/04/13 00:09	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 00:09	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		06/04/13 00:09	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		06/04/13 00:09	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 00:09	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		06/04/13 00:09	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/04/13 00:09	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 00:09	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 00:09	75-35-4	
cis-1,2-Dichloroethene	**4.2**	ug/L	1.0	0.42	1		06/04/13 00:09	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		06/04/13 00:09	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		06/04/13 00:09	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		06/04/13 00:09	142-28-9	
2,2-Dichloropropane	**<0.37**	ug/L	1.0	0.37	1		06/04/13 00:09	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		06/04/13 00:09	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	20.0	0.29	1		06/04/13 00:09	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	20.0	0.26	1		06/04/13 00:09	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		06/04/13 00:09	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 00:09	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		06/04/13 00:09	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		06/04/13 00:09	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		06/04/13 00:09	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		06/04/13 00:09	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		06/04/13 00:09	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 00:09	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 00:09	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		06/04/13 00:09	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		06/04/13 00:09	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: B-6 **Lab ID: 4078577012** Collected: 05/23/13 09:50 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		06/04/13 00:09	79-34-5	
Tetrachloroethene	**0.53J**	ug/L	1.0	0.47	1		06/04/13 00:09	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		06/04/13 00:09	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		06/04/13 00:09	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 00:09	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		06/04/13 00:09	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		06/04/13 00:09	79-00-5	
Trichloroethene	**0.51J**	ug/L	1.0	0.43	1		06/04/13 00:09	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 00:09	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		06/04/13 00:09	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		06/04/13 00:09	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 00:09	108-67-8	
Vinyl chloride	**2.1**	ug/L	1.0	0.18	1		06/04/13 00:09	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		06/04/13 00:09	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 00:09	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	43-137		1		06/04/13 00:09	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		06/04/13 00:09	1868-53-7	
Toluene-d8 (S)	93	%	55-137		1		06/04/13 00:09	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: MW-6 **Lab ID: 4078577013** Collected: 05/23/13 11:35 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 00:32	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 00:32	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		06/04/13 00:32	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		06/04/13 00:32	75-27-4	
Bromoform	**<0.23**	ug/L	20.0	0.23	1		06/04/13 00:32	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		06/04/13 00:32	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		06/04/13 00:32	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		06/04/13 00:32	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/04/13 00:32	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		06/04/13 00:32	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		06/04/13 00:32	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		06/04/13 00:32	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		06/04/13 00:32	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		06/04/13 00:32	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 00:32	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 00:32	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		06/04/13 00:32	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		06/04/13 00:32	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		06/04/13 00:32	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 00:32	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		06/04/13 00:32	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		06/04/13 00:32	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 00:32	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		06/04/13 00:32	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/04/13 00:32	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 00:32	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 00:32	75-35-4	
cis-1,2-Dichloroethene	**0.77J**	ug/L	1.0	0.42	1		06/04/13 00:32	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		06/04/13 00:32	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		06/04/13 00:32	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		06/04/13 00:32	142-28-9	
2,2-Dichloropropane	**<0.37**	ug/L	1.0	0.37	1		06/04/13 00:32	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		06/04/13 00:32	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	20.0	0.29	1		06/04/13 00:32	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	20.0	0.26	1		06/04/13 00:32	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		06/04/13 00:32	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 00:32	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		06/04/13 00:32	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		06/04/13 00:32	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		06/04/13 00:32	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		06/04/13 00:32	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		06/04/13 00:32	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 00:32	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 00:32	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		06/04/13 00:32	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		06/04/13 00:32	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: MW-6 **Lab ID: 4078577013** Collected: 05/23/13 11:35 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		06/04/13 00:32	79-34-5	
Tetrachloroethene	**<0.47**	ug/L	1.0	0.47	1		06/04/13 00:32	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		06/04/13 00:32	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		06/04/13 00:32	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 00:32	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		06/04/13 00:32	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		06/04/13 00:32	79-00-5	
Trichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 00:32	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 00:32	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		06/04/13 00:32	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		06/04/13 00:32	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 00:32	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/04/13 00:32	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		06/04/13 00:32	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 00:32	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	43-137		1		06/04/13 00:32	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		06/04/13 00:32	1868-53-7	
Toluene-d8 (S)	92	%	55-137		1		06/04/13 00:32	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: MW-23 **Lab ID: 4078577014** Collected: 05/23/13 12:20 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 00:54	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 00:54	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		06/04/13 00:54	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		06/04/13 00:54	75-27-4	
Bromoform	**<0.23**	ug/L	20.0	0.23	1		06/04/13 00:54	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		06/04/13 00:54	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		06/04/13 00:54	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		06/04/13 00:54	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/04/13 00:54	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		06/04/13 00:54	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		06/04/13 00:54	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		06/04/13 00:54	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		06/04/13 00:54	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		06/04/13 00:54	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 00:54	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 00:54	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		06/04/13 00:54	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		06/04/13 00:54	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		06/04/13 00:54	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 00:54	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		06/04/13 00:54	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		06/04/13 00:54	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 00:54	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		06/04/13 00:54	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/04/13 00:54	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 00:54	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 00:54	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		06/04/13 00:54	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		06/04/13 00:54	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		06/04/13 00:54	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		06/04/13 00:54	142-28-9	
2,2-Dichloropropane	**<0.37**	ug/L	1.0	0.37	1		06/04/13 00:54	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		06/04/13 00:54	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	20.0	0.29	1		06/04/13 00:54	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	20.0	0.26	1		06/04/13 00:54	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		06/04/13 00:54	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 00:54	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		06/04/13 00:54	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		06/04/13 00:54	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		06/04/13 00:54	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		06/04/13 00:54	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		06/04/13 00:54	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 00:54	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 00:54	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		06/04/13 00:54	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		06/04/13 00:54	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: MW-23 **Lab ID: 4078577014** Collected: 05/23/13 12:20 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		06/04/13 00:54	79-34-5	
Tetrachloroethene	**<0.47**	ug/L	1.0	0.47	1		06/04/13 00:54	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		06/04/13 00:54	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		06/04/13 00:54	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 00:54	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		06/04/13 00:54	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		06/04/13 00:54	79-00-5	
Trichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 00:54	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 00:54	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		06/04/13 00:54	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		06/04/13 00:54	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 00:54	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/04/13 00:54	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		06/04/13 00:54	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 00:54	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	43-137		1		06/04/13 00:54	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		06/04/13 00:54	1868-53-7	
Toluene-d8 (S)	93	%	55-137		1		06/04/13 00:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: MW-21 **Lab ID: 4078577015** Collected: 05/23/13 13:20 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 01:16	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 01:16	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		06/04/13 01:16	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		06/04/13 01:16	75-27-4	
Bromoform	**<0.23**	ug/L	20.0	0.23	1		06/04/13 01:16	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		06/04/13 01:16	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		06/04/13 01:16	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		06/04/13 01:16	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/04/13 01:16	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		06/04/13 01:16	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		06/04/13 01:16	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		06/04/13 01:16	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		06/04/13 01:16	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		06/04/13 01:16	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 01:16	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 01:16	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		06/04/13 01:16	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		06/04/13 01:16	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		06/04/13 01:16	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 01:16	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		06/04/13 01:16	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		06/04/13 01:16	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 01:16	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		06/04/13 01:16	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/04/13 01:16	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 01:16	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 01:16	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		06/04/13 01:16	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		06/04/13 01:16	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		06/04/13 01:16	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		06/04/13 01:16	142-28-9	
2,2-Dichloropropane	**<0.37**	ug/L	1.0	0.37	1		06/04/13 01:16	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		06/04/13 01:16	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	20.0	0.29	1		06/04/13 01:16	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	20.0	0.26	1		06/04/13 01:16	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		06/04/13 01:16	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 01:16	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		06/04/13 01:16	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		06/04/13 01:16	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		06/04/13 01:16	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		06/04/13 01:16	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		06/04/13 01:16	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 01:16	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 01:16	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		06/04/13 01:16	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		06/04/13 01:16	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
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(920)469-2436

ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: MW-21 **Lab ID: 4078577015** Collected: 05/23/13 13:20 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		06/04/13 01:16	79-34-5	
Tetrachloroethene	**<0.47**	ug/L	1.0	0.47	1		06/04/13 01:16	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		06/04/13 01:16	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		06/04/13 01:16	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 01:16	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		06/04/13 01:16	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		06/04/13 01:16	79-00-5	
Trichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 01:16	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 01:16	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		06/04/13 01:16	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		06/04/13 01:16	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 01:16	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/04/13 01:16	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		06/04/13 01:16	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 01:16	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	43-137		1		06/04/13 01:16	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		06/04/13 01:16	1868-53-7	
Toluene-d8 (S)	93	%	55-137		1		06/04/13 01:16	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: MW-1 **Lab ID: 4078577016** Collected: 05/23/13 10:40 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 01:39	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 01:39	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		06/04/13 01:39	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		06/04/13 01:39	75-27-4	
Bromoform	**<0.23**	ug/L	20.0	0.23	1		06/04/13 01:39	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		06/04/13 01:39	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		06/04/13 01:39	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		06/04/13 01:39	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/04/13 01:39	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		06/04/13 01:39	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		06/04/13 01:39	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		06/04/13 01:39	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		06/04/13 01:39	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		06/04/13 01:39	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 01:39	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 01:39	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		06/04/13 01:39	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		06/04/13 01:39	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		06/04/13 01:39	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 01:39	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		06/04/13 01:39	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		06/04/13 01:39	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 01:39	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		06/04/13 01:39	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/04/13 01:39	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 01:39	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 01:39	75-35-4	
cis-1,2-Dichloroethene	**159**	ug/L	1.0	0.42	1		06/04/13 01:39	156-59-2	
trans-1,2-Dichloroethene	**14.3**	ug/L	1.0	0.37	1		06/04/13 01:39	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		06/04/13 01:39	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		06/04/13 01:39	142-28-9	
2,2-Dichloropropane	**<0.37**	ug/L	1.0	0.37	1		06/04/13 01:39	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		06/04/13 01:39	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	20.0	0.29	1		06/04/13 01:39	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	20.0	0.26	1		06/04/13 01:39	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		06/04/13 01:39	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 01:39	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		06/04/13 01:39	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		06/04/13 01:39	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		06/04/13 01:39	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		06/04/13 01:39	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		06/04/13 01:39	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 01:39	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 01:39	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		06/04/13 01:39	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		06/04/13 01:39	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: MW-1 **Lab ID: 4078577016** Collected: 05/23/13 10:40 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		06/04/13 01:39	79-34-5	
Tetrachloroethene	**<0.47**	ug/L	1.0	0.47	1		06/04/13 01:39	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		06/04/13 01:39	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		06/04/13 01:39	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 01:39	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		06/04/13 01:39	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		06/04/13 01:39	79-00-5	
Trichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 01:39	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 01:39	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		06/04/13 01:39	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		06/04/13 01:39	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 01:39	108-67-8	
Vinyl chloride	**5.2**	ug/L	1.0	0.18	1		06/04/13 01:39	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		06/04/13 01:39	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 01:39	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	43-137		1		06/04/13 01:39	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		06/04/13 01:39	1868-53-7	
Toluene-d8 (S)	94	%	55-137		1		06/04/13 01:39	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: B-7 **Lab ID: 4078577017** Collected: 05/23/13 14:05 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 02:01	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 02:01	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		06/04/13 02:01	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		06/04/13 02:01	75-27-4	
Bromoform	**<0.23**	ug/L	20.0	0.23	1		06/04/13 02:01	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		06/04/13 02:01	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		06/04/13 02:01	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		06/04/13 02:01	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/04/13 02:01	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		06/04/13 02:01	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		06/04/13 02:01	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		06/04/13 02:01	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		06/04/13 02:01	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		06/04/13 02:01	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 02:01	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 02:01	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		06/04/13 02:01	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		06/04/13 02:01	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		06/04/13 02:01	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 02:01	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		06/04/13 02:01	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		06/04/13 02:01	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 02:01	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		06/04/13 02:01	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/04/13 02:01	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 02:01	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 02:01	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		06/04/13 02:01	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		06/04/13 02:01	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		06/04/13 02:01	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		06/04/13 02:01	142-28-9	
2,2-Dichloropropane	**<0.37**	ug/L	1.0	0.37	1		06/04/13 02:01	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		06/04/13 02:01	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	20.0	0.29	1		06/04/13 02:01	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	20.0	0.26	1		06/04/13 02:01	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		06/04/13 02:01	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 02:01	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		06/04/13 02:01	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		06/04/13 02:01	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		06/04/13 02:01	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		06/04/13 02:01	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		06/04/13 02:01	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 02:01	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 02:01	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		06/04/13 02:01	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		06/04/13 02:01	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: B-7 **Lab ID: 4078577017** Collected: 05/23/13 14:05 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		06/04/13 02:01	79-34-5	
Tetrachloroethene	**<0.47**	ug/L	1.0	0.47	1		06/04/13 02:01	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		06/04/13 02:01	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		06/04/13 02:01	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 02:01	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		06/04/13 02:01	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		06/04/13 02:01	79-00-5	
Trichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 02:01	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 02:01	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		06/04/13 02:01	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		06/04/13 02:01	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 02:01	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/04/13 02:01	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		06/04/13 02:01	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 02:01	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	43-137		1		06/04/13 02:01	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		06/04/13 02:01	1868-53-7	
Toluene-d8 (S)	92	%	55-137		1		06/04/13 02:01	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: B-12 **Lab ID: 4078577018** Collected: 05/23/13 15:00 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 02:24	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 02:24	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		06/04/13 02:24	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		06/04/13 02:24	75-27-4	
Bromoform	**<0.23**	ug/L	20.0	0.23	1		06/04/13 02:24	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		06/04/13 02:24	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		06/04/13 02:24	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		06/04/13 02:24	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/04/13 02:24	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		06/04/13 02:24	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		06/04/13 02:24	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		06/04/13 02:24	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		06/04/13 02:24	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		06/04/13 02:24	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 02:24	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 02:24	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		06/04/13 02:24	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		06/04/13 02:24	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		06/04/13 02:24	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 02:24	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		06/04/13 02:24	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		06/04/13 02:24	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 02:24	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		06/04/13 02:24	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/04/13 02:24	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 02:24	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 02:24	75-35-4	
cis-1,2-Dichloroethene	**60.6**	ug/L	1.0	0.42	1		06/04/13 02:24	156-59-2	
trans-1,2-Dichloroethene	**5.6**	ug/L	1.0	0.37	1		06/04/13 02:24	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		06/04/13 02:24	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		06/04/13 02:24	142-28-9	
2,2-Dichloropropane	**<0.37**	ug/L	1.0	0.37	1		06/04/13 02:24	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		06/04/13 02:24	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	20.0	0.29	1		06/04/13 02:24	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	20.0	0.26	1		06/04/13 02:24	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		06/04/13 02:24	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 02:24	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		06/04/13 02:24	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		06/04/13 02:24	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		06/04/13 02:24	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		06/04/13 02:24	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		06/04/13 02:24	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 02:24	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 02:24	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		06/04/13 02:24	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		06/04/13 02:24	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: B-12 **Lab ID: 4078577018** Collected: 05/23/13 15:00 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		06/04/13 02:24	79-34-5	
Tetrachloroethene	**<0.47**	ug/L	1.0	0.47	1		06/04/13 02:24	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		06/04/13 02:24	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		06/04/13 02:24	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 02:24	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		06/04/13 02:24	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		06/04/13 02:24	79-00-5	
Trichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 02:24	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 02:24	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		06/04/13 02:24	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		06/04/13 02:24	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 02:24	108-67-8	
Vinyl chloride	**11.5**	ug/L	1.0	0.18	1		06/04/13 02:24	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		06/04/13 02:24	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 02:24	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	43-137		1		06/04/13 02:24	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		06/04/13 02:24	1868-53-7	
Toluene-d8 (S)	92	%	55-137		1		06/04/13 02:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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(920)469-2436

ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: MW-26 **Lab ID: 4078577019** Collected: 05/23/13 15:40 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 02:46	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 02:46	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		06/04/13 02:46	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		06/04/13 02:46	75-27-4	
Bromoform	**<0.23**	ug/L	20.0	0.23	1		06/04/13 02:46	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		06/04/13 02:46	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		06/04/13 02:46	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		06/04/13 02:46	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/04/13 02:46	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		06/04/13 02:46	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		06/04/13 02:46	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		06/04/13 02:46	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		06/04/13 02:46	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		06/04/13 02:46	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 02:46	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 02:46	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		06/04/13 02:46	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		06/04/13 02:46	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		06/04/13 02:46	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 02:46	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		06/04/13 02:46	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		06/04/13 02:46	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 02:46	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		06/04/13 02:46	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/04/13 02:46	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 02:46	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 02:46	75-35-4	
cis-1,2-Dichloroethene	**66.3**	ug/L	1.0	0.42	1		06/04/13 02:46	156-59-2	
trans-1,2-Dichloroethene	**4.4**	ug/L	1.0	0.37	1		06/04/13 02:46	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		06/04/13 02:46	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		06/04/13 02:46	142-28-9	
2,2-Dichloropropane	**<0.37**	ug/L	1.0	0.37	1		06/04/13 02:46	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		06/04/13 02:46	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	20.0	0.29	1		06/04/13 02:46	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	20.0	0.26	1		06/04/13 02:46	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		06/04/13 02:46	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 02:46	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		06/04/13 02:46	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		06/04/13 02:46	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		06/04/13 02:46	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		06/04/13 02:46	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		06/04/13 02:46	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 02:46	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 02:46	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		06/04/13 02:46	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		06/04/13 02:46	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: MW-26 **Lab ID: 4078577019** Collected: 05/23/13 15:40 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		06/04/13 02:46	79-34-5	
Tetrachloroethene	**<0.47**	ug/L	1.0	0.47	1		06/04/13 02:46	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		06/04/13 02:46	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		06/04/13 02:46	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 02:46	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		06/04/13 02:46	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		06/04/13 02:46	79-00-5	
Trichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 02:46	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 02:46	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		06/04/13 02:46	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		06/04/13 02:46	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 02:46	108-67-8	
Vinyl chloride	**3.3**	ug/L	1.0	0.18	1		06/04/13 02:46	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		06/04/13 02:46	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 02:46	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	43-137		1		06/04/13 02:46	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		06/04/13 02:46	1868-53-7	
Toluene-d8 (S)	92	%	55-137		1		06/04/13 02:46	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: MW-3 **Lab ID: 4078577020** Collected: 05/23/13 16:20 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 03:09	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 03:09	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		06/04/13 03:09	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		06/04/13 03:09	75-27-4	
Bromoform	**<0.23**	ug/L	20.0	0.23	1		06/04/13 03:09	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		06/04/13 03:09	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		06/04/13 03:09	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		06/04/13 03:09	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/04/13 03:09	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		06/04/13 03:09	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		06/04/13 03:09	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		06/04/13 03:09	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		06/04/13 03:09	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		06/04/13 03:09	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 03:09	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 03:09	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		06/04/13 03:09	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		06/04/13 03:09	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		06/04/13 03:09	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 03:09	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		06/04/13 03:09	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		06/04/13 03:09	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 03:09	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		06/04/13 03:09	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/04/13 03:09	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 03:09	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 03:09	75-35-4	
cis-1,2-Dichloroethene	**18.2**	ug/L	1.0	0.42	1		06/04/13 03:09	156-59-2	
trans-1,2-Dichloroethene	**0.59J**	ug/L	1.0	0.37	1		06/04/13 03:09	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		06/04/13 03:09	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		06/04/13 03:09	142-28-9	
2,2-Dichloropropane	**<0.37**	ug/L	1.0	0.37	1		06/04/13 03:09	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		06/04/13 03:09	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	20.0	0.29	1		06/04/13 03:09	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	20.0	0.26	1		06/04/13 03:09	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		06/04/13 03:09	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 03:09	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		06/04/13 03:09	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		06/04/13 03:09	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		06/04/13 03:09	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		06/04/13 03:09	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		06/04/13 03:09	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 03:09	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 03:09	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		06/04/13 03:09	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		06/04/13 03:09	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: MW-3 **Lab ID: 4078577020** Collected: 05/23/13 16:20 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		06/04/13 03:09	79-34-5	
Tetrachloroethene	**<0.47**	ug/L	1.0	0.47	1		06/04/13 03:09	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		06/04/13 03:09	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		06/04/13 03:09	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 03:09	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		06/04/13 03:09	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		06/04/13 03:09	79-00-5	
Trichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 03:09	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 03:09	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		06/04/13 03:09	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		06/04/13 03:09	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 03:09	108-67-8	
Vinyl chloride	**5.5**	ug/L	1.0	0.18	1		06/04/13 03:09	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		06/04/13 03:09	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 03:09	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	43-137		1		06/04/13 03:09	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		06/04/13 03:09	1868-53-7	
Toluene-d8 (S)	92	%	55-137		1		06/04/13 03:09	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: B-16 **Lab ID: 4078577021** Collected: 05/23/13 16:50 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 03:31	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 03:31	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		06/04/13 03:31	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		06/04/13 03:31	75-27-4	
Bromoform	**<0.23**	ug/L	20.0	0.23	1		06/04/13 03:31	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		06/04/13 03:31	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		06/04/13 03:31	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		06/04/13 03:31	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/04/13 03:31	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		06/04/13 03:31	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		06/04/13 03:31	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		06/04/13 03:31	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		06/04/13 03:31	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		06/04/13 03:31	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 03:31	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 03:31	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		06/04/13 03:31	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		06/04/13 03:31	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		06/04/13 03:31	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 03:31	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		06/04/13 03:31	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		06/04/13 03:31	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 03:31	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		06/04/13 03:31	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/04/13 03:31	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 03:31	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 03:31	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		06/04/13 03:31	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		06/04/13 03:31	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		06/04/13 03:31	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		06/04/13 03:31	142-28-9	
2,2-Dichloropropane	**<0.37**	ug/L	1.0	0.37	1		06/04/13 03:31	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		06/04/13 03:31	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	20.0	0.29	1		06/04/13 03:31	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	20.0	0.26	1		06/04/13 03:31	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		06/04/13 03:31	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 03:31	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		06/04/13 03:31	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		06/04/13 03:31	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		06/04/13 03:31	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		06/04/13 03:31	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		06/04/13 03:31	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 03:31	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 03:31	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		06/04/13 03:31	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		06/04/13 03:31	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: B-16 **Lab ID: 4078577021** Collected: 05/23/13 16:50 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		06/04/13 03:31	79-34-5	
Tetrachloroethene	**<0.47**	ug/L	1.0	0.47	1		06/04/13 03:31	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		06/04/13 03:31	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		06/04/13 03:31	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 03:31	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		06/04/13 03:31	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		06/04/13 03:31	79-00-5	
Trichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 03:31	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 03:31	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		06/04/13 03:31	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		06/04/13 03:31	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 03:31	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/04/13 03:31	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		06/04/13 03:31	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 03:31	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	43-137		1		06/04/13 03:31	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		06/04/13 03:31	1868-53-7	
Toluene-d8 (S)	94	%	55-137		1		06/04/13 03:31	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: TRIP BLANK **Lab ID: 4078577022** Collected: 05/22/13 10:00 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 13:30	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 13:30	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		06/04/13 13:30	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		06/04/13 13:30	75-27-4	
Bromoform	**<0.23**	ug/L	1.0	0.23	1		06/04/13 13:30	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		06/04/13 13:30	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		06/04/13 13:30	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		06/04/13 13:30	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/04/13 13:30	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		06/04/13 13:30	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		06/04/13 13:30	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		06/04/13 13:30	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		06/04/13 13:30	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		06/04/13 13:30	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 13:30	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		06/04/13 13:30	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		06/04/13 13:30	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		06/04/13 13:30	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		06/04/13 13:30	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 13:30	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		06/04/13 13:30	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		06/04/13 13:30	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 13:30	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		06/04/13 13:30	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/04/13 13:30	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 13:30	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 13:30	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		06/04/13 13:30	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		06/04/13 13:30	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		06/04/13 13:30	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		06/04/13 13:30	142-28-9	
2,2-Dichloropropane	**<0.37**	ug/L	1.0	0.37	1		06/04/13 13:30	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		06/04/13 13:30	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		06/04/13 13:30	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	1.0	0.26	1		06/04/13 13:30	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		06/04/13 13:30	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 13:30	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		06/04/13 13:30	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		06/04/13 13:30	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		06/04/13 13:30	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		06/04/13 13:30	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		06/04/13 13:30	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 13:30	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 13:30	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		06/04/13 13:30	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		06/04/13 13:30	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Sample: TRIP BLANK **Lab ID: 4078577022** Collected: 05/22/13 10:00 Received: 05/24/13 16:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		06/04/13 13:30	79-34-5	
Tetrachloroethene	**<0.47**	ug/L	1.0	0.47	1		06/04/13 13:30	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		06/04/13 13:30	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		06/04/13 13:30	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 13:30	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		06/04/13 13:30	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		06/04/13 13:30	79-00-5	
Trichloroethene	**<0.43**	ug/L	1.0	0.43	1		06/04/13 13:30	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		06/04/13 13:30	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		06/04/13 13:30	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		06/04/13 13:30	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		06/04/13 13:30	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/04/13 13:30	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		06/04/13 13:30	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		06/04/13 13:30	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	43-137		1		06/04/13 13:30	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		06/04/13 13:30	1868-53-7	
Toluene-d8 (S)	95	%	55-137		1		06/04/13 13:30	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

QC Batch: MSV/19792 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 4078577001, 4078577002, 4078577003, 4078577004, 4078577005, 4078577007, 4078577008

METHOD BLANK: 797854 Matrix: Water
Associated Lab Samples: 4078577001, 4078577002, 4078577003, 4078577004, 4078577005, 4078577007, 4078577008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.45	1.0	06/03/13 12:30	
1,1,1-Trichloroethane	ug/L	<0.44	1.0	06/03/13 12:30	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	06/03/13 12:30	
1,1,2-Trichloroethane	ug/L	<0.39	1.0	06/03/13 12:30	
1,1-Dichloroethane	ug/L	<0.28	1.0	06/03/13 12:30	
1,1-Dichloroethene	ug/L	<0.43	1.0	06/03/13 12:30	
1,1-Dichloropropene	ug/L	<0.51	1.0	06/03/13 12:30	
1,2,3-Trichlorobenzene	ug/L	<0.77	5.0	06/03/13 12:30	
1,2,3-Trichloropropane	ug/L	<0.47	1.0	06/03/13 12:30	
1,2,4-Trichlorobenzene	ug/L	<2.5	5.0	06/03/13 12:30	
1,2,4-Trimethylbenzene	ug/L	<0.57	5.0	06/03/13 12:30	
1,2-Dibromo-3-chloropropane	ug/L	<1.5	5.0	06/03/13 12:30	
1,2-Dibromoethane (EDB)	ug/L	<0.38	1.0	06/03/13 12:30	
1,2-Dichlorobenzene	ug/L	<0.44	1.0	06/03/13 12:30	
1,2-Dichloroethane	ug/L	<0.48	1.0	06/03/13 12:30	
1,2-Dichloropropane	ug/L	<0.50	1.0	06/03/13 12:30	
1,3,5-Trimethylbenzene	ug/L	<2.5	5.0	06/03/13 12:30	
1,3-Dichlorobenzene	ug/L	<0.45	1.0	06/03/13 12:30	
1,3-Dichloropropane	ug/L	<0.46	1.0	06/03/13 12:30	
1,4-Dichlorobenzene	ug/L	<0.43	1.0	06/03/13 12:30	
2,2-Dichloropropane	ug/L	<0.37	1.0	06/03/13 12:30	
2-Chlorotoluene	ug/L	<0.48	1.0	06/03/13 12:30	
4-Chlorotoluene	ug/L	<0.48	1.0	06/03/13 12:30	
Benzene	ug/L	<0.50	1.0	06/03/13 12:30	
Bromobenzene	ug/L	<0.48	1.0	06/03/13 12:30	
Bromochloromethane	ug/L	<0.49	1.0	06/03/13 12:30	
Bromodichloromethane	ug/L	<0.45	1.0	06/03/13 12:30	
Bromoform	ug/L	<0.23	1.0	06/03/13 12:30	
Bromomethane	ug/L	<0.43	5.0	06/03/13 12:30	
Carbon tetrachloride	ug/L	<0.37	1.0	06/03/13 12:30	
Chlorobenzene	ug/L	<0.36	1.0	06/03/13 12:30	
Chloroethane	ug/L	<0.44	1.0	06/03/13 12:30	
Chloroform	ug/L	<0.69	5.0	06/03/13 12:30	
Chloromethane	ug/L	<0.39	1.0	06/03/13 12:30	
cis-1,2-Dichloroethene	ug/L	<0.42	1.0	06/03/13 12:30	
cis-1,3-Dichloropropene	ug/L	<0.29	1.0	06/03/13 12:30	
Dibromochloromethane	ug/L	<1.9	5.0	06/03/13 12:30	
Dibromomethane	ug/L	<0.48	1.0	06/03/13 12:30	
Dichlorodifluoromethane	ug/L	<0.40	1.0	06/03/13 12:30	
Diisopropyl ether	ug/L	<0.50	1.0	06/03/13 12:30	
Ethylbenzene	ug/L	<0.50	1.0	06/03/13 12:30	
Hexachloro-1,3-butadiene	ug/L	<1.3	5.0	06/03/13 12:30	
Isopropylbenzene (Cumene)	ug/L	<0.34	1.0	06/03/13 12:30	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

METHOD BLANK: 797854 Matrix: Water

Associated Lab Samples: 4078577001, 4078577002, 4078577003, 4078577004, 4078577005, 4078577007, 4078577008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/L	<0.82	2.0	06/03/13 12:30	
Methyl-tert-butyl ether	ug/L	<0.49	1.0	06/03/13 12:30	
Methylene Chloride	ug/L	<0.36	1.0	06/03/13 12:30	
n-Butylbenzene	ug/L	<0.40	1.0	06/03/13 12:30	
n-Propylbenzene	ug/L	<0.50	1.0	06/03/13 12:30	
Naphthalene	ug/L	<2.5	5.0	06/03/13 12:30	
o-Xylene	ug/L	<0.50	1.0	06/03/13 12:30	
p-Isopropyltoluene	ug/L	<0.40	1.0	06/03/13 12:30	
sec-Butylbenzene	ug/L	<0.60	5.0	06/03/13 12:30	
Styrene	ug/L	<0.35	1.0	06/03/13 12:30	
tert-Butylbenzene	ug/L	<0.42	1.0	06/03/13 12:30	
Tetrachloroethene	ug/L	<0.47	1.0	06/03/13 12:30	
Toluene	ug/L	<0.44	1.0	06/03/13 12:30	
trans-1,2-Dichloroethene	ug/L	<0.37	1.0	06/03/13 12:30	
trans-1,3-Dichloropropene	ug/L	<0.26	1.0	06/03/13 12:30	
Trichloroethene	ug/L	<0.43	1.0	06/03/13 12:30	
Trichlorofluoromethane	ug/L	<0.48	1.0	06/03/13 12:30	
Vinyl chloride	ug/L	<0.18	1.0	06/03/13 12:30	
4-Bromofluorobenzene (S)	%	86	43-137	06/03/13 12:30	
Dibromofluoromethane (S)	%	90	70-130	06/03/13 12:30	
Toluene-d8 (S)	%	100	55-137	06/03/13 12:30	

LABORATORY CONTROL SAMPLE & LCSD: 797855 797856

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	48.0	47.4	96	95	70-136	1	20	
1,1,2,2-Tetrachloroethane	ug/L	50	46.5	45.3	93	91	70-130	2	20	
1,1,2-Trichloroethane	ug/L	50	48.8	49.0	98	98	70-130	0	20	
1,1-Dichloroethane	ug/L	50	48.2	47.5	96	95	70-146	1	20	
1,1-Dichloroethene	ug/L	50	48.7	48.5	97	97	70-130	1	20	
1,2,4-Trichlorobenzene	ug/L	50	43.4	43.0	87	86	70-130	1	20	
1,2-Dibromo-3-chloropropane	ug/L	50	42.1	38.9	84	78	46-150	8	20	
1,2-Dibromoethane (EDB)	ug/L	50	53.3	52.0	107	104	70-130	3	20	
1,2-Dichlorobenzene	ug/L	50	50.7	49.1	101	98	70-130	3	20	
1,2-Dichloroethane	ug/L	50	46.3	45.1	93	90	70-144	3	20	
1,2-Dichloropropane	ug/L	50	50.0	49.8	100	100	70-136	0	20	
1,3-Dichlorobenzene	ug/L	50	49.3	48.1	99	96	70-130	2	20	
1,4-Dichlorobenzene	ug/L	50	49.7	48.9	99	98	70-130	2	20	
Benzene	ug/L	50	49.5	49.7	99	99	70-137	0	20	
Bromodichloromethane	ug/L	50	44.7	45.0	89	90	70-133	1	20	
Bromoform	ug/L	50	43.1	43.0	86	86	59-130	0	20	
Bromomethane	ug/L	50	41.9	42.1	84	84	41-148	1	20	
Carbon tetrachloride	ug/L	50	48.6	48.1	97	96	70-154	1	20	
Chlorobenzene	ug/L	50	50.1	49.4	100	99	70-130	1	20	
Chloroethane	ug/L	50	44.9	44.5	90	89	70-139	1	20	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

LABORATORY CONTROL SAMPLE & LCSD: 797855 797856

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chloroform	ug/L	50	45.7	45.2	91	90	70-130	1	20	
Chloromethane	ug/L	50	38.5	38.8	77	78	45-154	1	20	
cis-1,2-Dichloroethene	ug/L	50	49.3	48.4	99	97	70-130	2	20	
cis-1,3-Dichloropropene	ug/L	50	42.2	42.2	84	84	70-136	0	20	
Dibromochloromethane	ug/L	50	47.7	47.4	95	95	70-130	1	20	
Dichlorodifluoromethane	ug/L	50	37.8	37.8	76	76	20-157	0	20	
Ethylbenzene	ug/L	50	50.6	50.5	101	101	70-130	0	20	
Isopropylbenzene (Cumene)	ug/L	50	52.9	52.1	106	104	70-130	2	20	
m&p-Xylene	ug/L	100	109	107	109	107	70-130	2	20	
Methyl-tert-butyl ether	ug/L	50	45.7	44.7	91	89	59-141	2	20	
Methylene Chloride	ug/L	50	42.4	42.3	85	85	70-130	0	20	
o-Xylene	ug/L	50	50.1	48.9	100	98	70-130	2	20	
Styrene	ug/L	50	47.6	45.7	95	91	70-130	4	20	
Tetrachloroethene	ug/L	50	54.1	53.4	108	107	70-130	1	20	
Toluene	ug/L	50	51.9	51.3	104	103	70-130	1	20	
trans-1,2-Dichloroethene	ug/L	50	50.2	49.2	100	98	70-130	2	20	
trans-1,3-Dichloropropene	ug/L	50	46.9	46.7	94	93	55-135	0	20	
Trichloroethene	ug/L	50	50.9	50.8	102	102	70-130	0	20	
Trichlorofluoromethane	ug/L	50	48.7	48.3	97	97	50-150	1	20	
Vinyl chloride	ug/L	50	44.4	44.2	89	88	61-143	1	20	
4-Bromofluorobenzene (S)	%				92	92	43-137			
Dibromofluoromethane (S)	%				89	91	70-130			
Toluene-d8 (S)	%				102	102	55-137			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 799928 799929

Parameter	Units	4078577005 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	<0.44	50	50	48.6	48.5	97	97	70-136	0	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	44.3	45.9	89	92	70-130	4	20	
1,1,2-Trichloroethane	ug/L	<0.39	50	50	47.8	50.0	96	100	70-130	4	20	
1,1-Dichloroethane	ug/L	<0.28	50	50	47.7	48.0	95	96	70-146	1	20	
1,1-Dichloroethene	ug/L	<0.43	50	50	49.1	50.3	98	101	70-130	2	20	
1,2,4-Trichlorobenzene	ug/L	<2.5	50	50	44.0	44.1	87	88	70-130	0	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.5	50	50	40.3	40.6	81	81	46-150	1	20	
1,2-Dibromoethane (EDB)	ug/L	<0.38	50	50	51.9	53.1	104	106	70-130	2	20	
1,2-Dichlorobenzene	ug/L	<0.44	50	50	50.2	50.4	100	101	70-130	0	20	
1,2-Dichloroethane	ug/L	<0.48	50	50	45.7	45.8	91	92	70-146	0	20	
1,2-Dichloropropane	ug/L	<0.50	50	50	49.8	50.1	100	100	70-136	1	20	
1,3-Dichlorobenzene	ug/L	<0.45	50	50	49.6	50.1	99	100	70-130	1	20	
1,4-Dichlorobenzene	ug/L	<0.43	50	50	50.0	50.5	100	101	70-130	1	20	
Benzene	ug/L	<0.50	50	50	50.3	51.0	101	102	70-137	1	20	
Bromodichloromethane	ug/L	<0.45	50	50	44.4	44.8	89	90	70-133	1	20	
Bromoform	ug/L	<0.23	50	50	43.3	42.3	87	85	57-130	2	20	
Bromomethane	ug/L	<0.43	50	50	42.8	43.7	86	87	41-148	2	20	
Carbon tetrachloride	ug/L	<0.37	50	50	48.8	49.5	98	99	70-154	1	20	
Chlorobenzene	ug/L	<0.36	50	50	50.7	50.8	101	102	70-130	0	20	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 799928 799929

Parameter	Units	4078577005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloroethane	ug/L	<0.44	50	50	44.8	46.1	90	92	70-140	3	20	
Chloroform	ug/L	<0.69	50	50	46.1	46.2	92	92	70-130	0	20	
Chloromethane	ug/L	<0.39	50	50	38.3	38.6	77	77	45-154	1	20	
cis-1,2-Dichloroethene	ug/L	<0.42	50	50	49.9	50.2	100	100	70-130	1	20	
cis-1,3-Dichloropropene	ug/L	<0.29	50	50	42.4	42.7	85	85	70-136	1	20	
Dibromochloromethane	ug/L	<1.9	50	50	48.2	47.9	96	96	70-130	0	20	
Dichlorodifluoromethane	ug/L	<0.40	50	50	37.2	36.7	74	73	10-157	1	20	
Ethylbenzene	ug/L	<0.50	50	50	50.6	51.8	101	104	70-130	2	20	
Isopropylbenzene (Cumene)	ug/L	<0.34	50	50	52.9	53.2	106	106	70-130	1	20	
m&p-Xylene	ug/L	<0.82	100	100	106	106	106	106	70-130	1	20	
Methyl-tert-butyl ether	ug/L	<0.49	50	50	47.2	45.4	94	91	59-141	4	20	
Methylene Chloride	ug/L	<0.36	50	50	41.8	42.2	84	84	70-130	1	20	
o-Xylene	ug/L	<0.50	50	50	48.9	48.8	98	98	70-130	0	20	
Styrene	ug/L	<0.35	50	50	35.1	35.5	70	71	35-164	1	20	
Tetrachloroethene	ug/L	1.0	50	50	56.2	57.1	110	112	70-130	2	20	
Toluene	ug/L	<0.44	50	50	52.9	53.1	106	106	70-130	0	20	
trans-1,2-Dichloroethene	ug/L	<0.37	50	50	51.7	51.4	103	103	70-130	1	20	
trans-1,3-Dichloropropene	ug/L	<0.26	50	50	46.8	46.9	94	94	55-137	0	20	
Trichloroethene	ug/L	0.90J	50	50	51.7	52.3	102	103	70-130	1	20	
Trichlorofluoromethane	ug/L	<0.48	50	50	48.8	49.8	98	100	50-150	2	20	
Vinyl chloride	ug/L	<0.18	50	50	44.8	45.9	90	92	59-144	3	20	
4-Bromofluorobenzene (S)	%						93	93	43-137			
Dibromofluoromethane (S)	%						92	92	70-130			
Toluene-d8 (S)	%						103	102	55-137			

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

QC Batch: MSV/19794 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 4078577012, 4078577013, 4078577014, 4078577015, 4078577016, 4078577017, 4078577018, 4078577019, 4078577020, 4078577021

METHOD BLANK: 797860 Matrix: Water
Associated Lab Samples: 4078577012, 4078577013, 4078577014, 4078577015, 4078577016, 4078577017, 4078577018, 4078577019, 4078577020, 4078577021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.45	1.0	06/03/13 16:40	
1,1,1-Trichloroethane	ug/L	<0.44	1.0	06/03/13 16:40	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	06/03/13 16:40	
1,1,2-Trichloroethane	ug/L	<0.39	1.0	06/03/13 16:40	
1,1-Dichloroethane	ug/L	<0.28	1.0	06/03/13 16:40	
1,1-Dichloroethene	ug/L	<0.43	1.0	06/03/13 16:40	
1,1-Dichloropropene	ug/L	<0.51	1.0	06/03/13 16:40	
1,2,3-Trichlorobenzene	ug/L	<0.77	5.0	06/03/13 16:40	
1,2,3-Trichloropropane	ug/L	<0.47	1.0	06/03/13 16:40	
1,2,4-Trichlorobenzene	ug/L	<2.5	5.0	06/03/13 16:40	
1,2,4-Trimethylbenzene	ug/L	<0.57	5.0	06/03/13 16:40	
1,2-Dibromo-3-chloropropane	ug/L	<1.5	5.0	06/03/13 16:40	
1,2-Dibromoethane (EDB)	ug/L	<0.38	1.0	06/03/13 16:40	
1,2-Dichlorobenzene	ug/L	<0.44	1.0	06/03/13 16:40	
1,2-Dichloroethane	ug/L	<0.48	1.0	06/03/13 16:40	
1,2-Dichloropropane	ug/L	<0.50	1.0	06/03/13 16:40	
1,3,5-Trimethylbenzene	ug/L	<2.5	5.0	06/03/13 16:40	
1,3-Dichlorobenzene	ug/L	<0.45	1.0	06/03/13 16:40	
1,3-Dichloropropane	ug/L	<0.46	1.0	06/03/13 16:40	
1,4-Dichlorobenzene	ug/L	<0.43	1.0	06/03/13 16:40	
2,2-Dichloropropane	ug/L	<0.37	1.0	06/03/13 16:40	
2-Chlorotoluene	ug/L	<0.48	1.0	06/03/13 16:40	
4-Chlorotoluene	ug/L	<0.48	1.0	06/03/13 16:40	
Benzene	ug/L	<0.50	1.0	06/03/13 16:40	
Bromobenzene	ug/L	<0.48	1.0	06/03/13 16:40	
Bromochloromethane	ug/L	<0.49	1.0	06/03/13 16:40	
Bromodichloromethane	ug/L	<0.45	1.0	06/03/13 16:40	
Bromoform	ug/L	<0.23	20.0	06/03/13 16:40	
Bromomethane	ug/L	<0.43	5.0	06/03/13 16:40	
Carbon tetrachloride	ug/L	<0.37	1.0	06/03/13 16:40	
Chlorobenzene	ug/L	<0.36	1.0	06/03/13 16:40	
Chloroethane	ug/L	<0.44	1.0	06/03/13 16:40	
Chloroform	ug/L	<0.69	5.0	06/03/13 16:40	
Chloromethane	ug/L	<0.39	1.0	06/03/13 16:40	
cis-1,2-Dichloroethene	ug/L	<0.42	1.0	06/03/13 16:40	
cis-1,3-Dichloropropene	ug/L	<0.29	20.0	06/03/13 16:40	
Dibromochloromethane	ug/L	<1.9	5.0	06/03/13 16:40	
Dibromomethane	ug/L	<0.48	1.0	06/03/13 16:40	
Dichlorodifluoromethane	ug/L	<0.40	1.0	06/03/13 16:40	
Diisopropyl ether	ug/L	<0.50	1.0	06/03/13 16:40	
Ethylbenzene	ug/L	<0.50	1.0	06/03/13 16:40	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

METHOD BLANK: 797860 Matrix: Water

Associated Lab Samples: 4078577012, 4078577013, 4078577014, 4078577015, 4078577016, 4078577017, 4078577018, 4078577019, 4078577020, 4078577021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<1.3	5.0	06/03/13 16:40	
Isopropylbenzene (Cumene)	ug/L	<0.34	1.0	06/03/13 16:40	
m&p-Xylene	ug/L	<0.82	2.0	06/03/13 16:40	
Methyl-tert-butyl ether	ug/L	<0.49	1.0	06/03/13 16:40	
Methylene Chloride	ug/L	<0.36	1.0	06/03/13 16:40	
n-Butylbenzene	ug/L	<0.40	1.0	06/03/13 16:40	
n-Propylbenzene	ug/L	<0.50	1.0	06/03/13 16:40	
Naphthalene	ug/L	<2.5	5.0	06/03/13 16:40	
o-Xylene	ug/L	<0.50	1.0	06/03/13 16:40	
p-Isopropyltoluene	ug/L	<0.40	1.0	06/03/13 16:40	
sec-Butylbenzene	ug/L	<0.60	5.0	06/03/13 16:40	
Styrene	ug/L	<0.35	1.0	06/03/13 16:40	
tert-Butylbenzene	ug/L	<0.42	1.0	06/03/13 16:40	
Tetrachloroethene	ug/L	<0.47	1.0	06/03/13 16:40	
Toluene	ug/L	<0.44	1.0	06/03/13 16:40	
trans-1,2-Dichloroethene	ug/L	<0.37	1.0	06/03/13 16:40	
trans-1,3-Dichloropropene	ug/L	<0.26	20.0	06/03/13 16:40	
Trichloroethene	ug/L	<0.43	1.0	06/03/13 16:40	
Trichlorofluoromethane	ug/L	<0.48	1.0	06/03/13 16:40	
Vinyl chloride	ug/L	<0.18	1.0	06/03/13 16:40	
4-Bromofluorobenzene (S)	%	88	43-137	06/03/13 16:40	
Dibromofluoromethane (S)	%	99	70-130	06/03/13 16:40	
Toluene-d8 (S)	%	93	55-137	06/03/13 16:40	

LABORATORY CONTROL SAMPLE & LCSD: 797861 797862

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	55.5	54.8	111	110	70-136	1	20	
1,1,2,2-Tetrachloroethane	ug/L	50	43.0	42.7	86	85	70-130	1	20	
1,1,2-Trichloroethane	ug/L	50	47.8	47.2	96	94	70-130	1	20	
1,1-Dichloroethane	ug/L	50	54.6	54.0	109	108	70-146	1	20	
1,1-Dichloroethene	ug/L	50	58.6	58.3	117	117	70-130	1	20	
1,2,4-Trichlorobenzene	ug/L	50	54.9	56.0	110	112	70-130	2	20	
1,2-Dibromo-3-chloropropane	ug/L	50	40.6	41.1	81	82	46-150	1	20	
1,2-Dibromoethane (EDB)	ug/L	50	52.3	51.5	105	103	70-130	2	20	
1,2-Dichlorobenzene	ug/L	50	51.7	51.2	103	102	70-130	1	20	
1,2-Dichloroethane	ug/L	50	52.7	51.7	105	103	70-144	2	20	
1,2-Dichloropropane	ug/L	50	46.7	46.5	93	93	70-136	0	20	
1,3-Dichlorobenzene	ug/L	50	48.3	48.5	97	97	70-130	0	20	
1,4-Dichlorobenzene	ug/L	50	50.2	50.7	100	101	70-130	1	20	
Benzene	ug/L	50	45.4	44.4	91	89	70-137	2	20	
Bromodichloromethane	ug/L	50	60.0	59.3	120	119	70-133	1	20	
Bromoform	ug/L	50	51.0	50.6	102	101	59-130	1	20	
Bromomethane	ug/L	50	58.5	60.7	117	121	41-148	4	20	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

LABORATORY CONTROL SAMPLE & LCSD: 797861 797862

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/L	50	65.1	64.8	130	130	70-154	1	20	
Chlorobenzene	ug/L	50	53.5	53.1	107	106	70-130	1	20	
Chloroethane	ug/L	50	53.1	52.6	106	105	70-139	1	20	
Chloroform	ug/L	50	49.8	48.8	100	98	70-130	2	20	
Chloromethane	ug/L	50	41.1	42.5	82	85	45-154	3	20	
cis-1,2-Dichloroethene	ug/L	50	56.5	55.6	113	111	70-130	2	20	
cis-1,3-Dichloropropene	ug/L	50	41.8	42.1	84	84	70-136	1	20	
Dibromochloromethane	ug/L	50	56.2	56.3	112	113	70-130	0	20	
Dichlorodifluoromethane	ug/L	50	46.8	48.2	94	96	20-157	3	20	
Ethylbenzene	ug/L	50	54.7	54.9	109	110	70-130	0	20	
Isopropylbenzene (Cumene)	ug/L	50	53.9	54.6	108	109	70-130	1	20	
m&p-Xylene	ug/L	100	116	117	116	117	70-130	0	20	
Methyl-tert-butyl ether	ug/L	50	47.1	47.7	94	95	59-141	1	20	
Methylene Chloride	ug/L	50	54.0	53.7	108	107	70-130	1	20	
o-Xylene	ug/L	50	52.6	52.6	105	105	70-130	0	20	
Styrene	ug/L	50	52.3	53.3	105	107	70-130	2	20	
Tetrachloroethene	ug/L	50	56.1	55.7	112	111	70-130	1	20	
Toluene	ug/L	50	52.5	51.8	105	104	70-130	1	20	
trans-1,2-Dichloroethene	ug/L	50	58.0	58.3	116	117	70-130	1	20	
trans-1,3-Dichloropropene	ug/L	50	44.8	45.0	90	90	55-135	0	20	
Trichloroethene	ug/L	50	58.0	56.7	116	113	70-130	2	20	
Trichlorofluoromethane	ug/L	50	72.1	71.2	144	142	50-150	1	20	
Vinyl chloride	ug/L	50	51.4	51.7	103	103	61-143	1	20	
4-Bromofluorobenzene (S)	%				101	105	43-137			
Dibromofluoromethane (S)	%				98	97	70-130			
Toluene-d8 (S)	%				95	95	55-137			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 797863 797864

Parameter	Units	4078577017 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	<0.44	50	50	54.3	53.5	109	107	70-136	1	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	45.8	45.6	92	91	70-130	0	20	
1,1,2-Trichloroethane	ug/L	<0.39	50	50	47.2	46.2	94	92	70-130	2	20	
1,1-Dichloroethane	ug/L	<0.28	50	50	53.7	52.7	107	105	70-146	2	20	
1,1-Dichloroethene	ug/L	<0.43	50	50	56.9	55.7	114	111	70-130	2	20	
1,2,4-Trichlorobenzene	ug/L	<2.5	50	50	56.7	57.6	113	115	70-130	2	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.5	50	50	45.2	46.1	90	92	46-150	2	20	
1,2-Dibromoethane (EDB)	ug/L	<0.38	50	50	51.7	51.2	103	102	70-130	1	20	
1,2-Dichlorobenzene	ug/L	<0.44	50	50	51.8	52.2	104	104	70-130	1	20	
1,2-Dichloroethane	ug/L	<0.48	50	50	52.5	51.6	105	103	70-146	2	20	
1,2-Dichloropropane	ug/L	<0.50	50	50	45.9	45.0	92	90	70-136	2	20	
1,3-Dichlorobenzene	ug/L	<0.45	50	50	49.0	49.6	98	99	70-130	1	20	
1,4-Dichlorobenzene	ug/L	<0.43	50	50	50.9	50.6	102	101	70-130	0	20	
Benzene	ug/L	<0.50	50	50	44.5	43.9	89	88	70-137	1	20	
Bromodichloromethane	ug/L	<0.45	50	50	57.9	57.7	116	115	70-133	0	20	
Bromoform	ug/L	<0.23	50	50	51.1	51.3	102	103	57-130	0	20	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 797863 797864

Parameter	Units	4078577017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Bromomethane	ug/L	<0.43	50	50	58.3	58.8	117	118	41-148	1	20	
Carbon tetrachloride	ug/L	<0.37	50	50	62.9	62.7	126	125	70-154	0	20	
Chlorobenzene	ug/L	<0.36	50	50	51.8	52.0	104	104	70-130	0	20	
Chloroethane	ug/L	<0.44	50	50	51.9	52.8	104	106	70-140	2	20	
Chloroform	ug/L	<0.69	50	50	48.7	47.4	97	95	70-130	3	20	
Chloromethane	ug/L	<0.39	50	50	39.0	40.0	78	80	45-154	3	20	
cis-1,2-Dichloroethene	ug/L	<0.42	50	50	55.5	54.7	111	109	70-130	2	20	
cis-1,3-Dichloropropene	ug/L	<0.29	50	50	42.3	41.4	85	83	70-136	2	20	
Dibromochloromethane	ug/L	<1.9	50	50	56.1	55.5	112	111	70-130	1	20	
Dichlorodifluoromethane	ug/L	<0.40	50	50	41.8	41.5	84	83	10-157	1	20	
Ethylbenzene	ug/L	<0.50	50	50	53.9	54.5	108	109	70-130	1	20	
Isopropylbenzene (Cumene)	ug/L	<0.34	50	50	52.3	53.8	105	108	70-130	3	20	
m&p-Xylene	ug/L	<0.82	100	100	113	115	113	115	70-130	2	20	
Methyl-tert-butyl ether	ug/L	<0.49	50	50	48.0	47.7	96	95	59-141	1	20	
Methylene Chloride	ug/L	<0.36	50	50	52.6	52.9	105	106	70-130	1	20	
o-Xylene	ug/L	<0.50	50	50	51.3	51.8	103	104	70-130	1	20	
Styrene	ug/L	<0.35	50	50	50.2	51.1	100	102	35-164	2	20	
Tetrachloroethene	ug/L	<0.47	50	50	54.9	53.9	110	108	70-130	2	20	
Toluene	ug/L	<0.44	50	50	51.7	50.7	103	101	70-130	2	20	
trans-1,2-Dichloroethene	ug/L	<0.37	50	50	56.9	55.7	114	111	70-130	2	20	
trans-1,3-Dichloropropene	ug/L	<0.26	50	50	45.7	44.7	91	89	55-137	2	20	
Trichloroethene	ug/L	<0.43	50	50	55.4	54.6	111	109	70-130	1	20	
Trichlorofluoromethane	ug/L	<0.48	50	50	69.2	68.1	138	136	50-150	2	20	
Vinyl chloride	ug/L	<0.18	50	50	48.0	49.3	96	99	59-144	3	20	
4-Bromofluorobenzene (S)	%						103	105	43-137			
Dibromofluoromethane (S)	%						98	97	70-130			
Toluene-d8 (S)	%						95	94	55-137			

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

QC Batch: MSV/19874 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 4078577010, 4078577011, 4078577022

METHOD BLANK: 799804 Matrix: Water
Associated Lab Samples: 4078577010, 4078577011, 4078577022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.45	1.0	06/04/13 06:44	
1,1,1-Trichloroethane	ug/L	<0.44	1.0	06/04/13 06:44	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	06/04/13 06:44	
1,1,2-Trichloroethane	ug/L	<0.39	1.0	06/04/13 06:44	
1,1-Dichloroethane	ug/L	<0.28	1.0	06/04/13 06:44	
1,1-Dichloroethene	ug/L	<0.43	1.0	06/04/13 06:44	
1,1-Dichloropropene	ug/L	<0.51	1.0	06/04/13 06:44	
1,2,3-Trichlorobenzene	ug/L	<0.77	5.0	06/04/13 06:44	
1,2,3-Trichloropropane	ug/L	<0.47	1.0	06/04/13 06:44	
1,2,4-Trichlorobenzene	ug/L	<2.5	5.0	06/04/13 06:44	
1,2,4-Trimethylbenzene	ug/L	<0.57	5.0	06/04/13 06:44	
1,2-Dibromo-3-chloropropane	ug/L	<1.5	5.0	06/04/13 06:44	
1,2-Dibromoethane (EDB)	ug/L	<0.38	1.0	06/04/13 06:44	
1,2-Dichlorobenzene	ug/L	<0.44	1.0	06/04/13 06:44	
1,2-Dichloroethane	ug/L	<0.48	1.0	06/04/13 06:44	
1,2-Dichloropropane	ug/L	<0.50	1.0	06/04/13 06:44	
1,3,5-Trimethylbenzene	ug/L	<2.5	5.0	06/04/13 06:44	
1,3-Dichlorobenzene	ug/L	<0.45	1.0	06/04/13 06:44	
1,3-Dichloropropane	ug/L	<0.46	1.0	06/04/13 06:44	
1,4-Dichlorobenzene	ug/L	<0.43	1.0	06/04/13 06:44	
2,2-Dichloropropane	ug/L	<0.37	1.0	06/04/13 06:44	
2-Chlorotoluene	ug/L	<0.48	1.0	06/04/13 06:44	
4-Chlorotoluene	ug/L	<0.48	1.0	06/04/13 06:44	
Benzene	ug/L	<0.50	1.0	06/04/13 06:44	
Bromobenzene	ug/L	<0.48	1.0	06/04/13 06:44	
Bromochloromethane	ug/L	<0.49	1.0	06/04/13 06:44	
Bromodichloromethane	ug/L	<0.45	1.0	06/04/13 06:44	
Bromoform	ug/L	<0.23	1.0	06/04/13 06:44	
Bromomethane	ug/L	<0.43	5.0	06/04/13 06:44	
Carbon tetrachloride	ug/L	<0.37	1.0	06/04/13 06:44	
Chlorobenzene	ug/L	<0.36	1.0	06/04/13 06:44	
Chloroethane	ug/L	<0.44	1.0	06/04/13 06:44	
Chloroform	ug/L	<0.69	5.0	06/04/13 06:44	
Chloromethane	ug/L	<0.39	1.0	06/04/13 06:44	
cis-1,2-Dichloroethene	ug/L	<0.42	1.0	06/04/13 06:44	
cis-1,3-Dichloropropene	ug/L	<0.29	1.0	06/04/13 06:44	
Dibromochloromethane	ug/L	<1.9	5.0	06/04/13 06:44	
Dibromomethane	ug/L	<0.48	1.0	06/04/13 06:44	
Dichlorodifluoromethane	ug/L	<0.40	1.0	06/04/13 06:44	
Diisopropyl ether	ug/L	<0.50	1.0	06/04/13 06:44	
Ethylbenzene	ug/L	<0.50	1.0	06/04/13 06:44	
Hexachloro-1,3-butadiene	ug/L	<1.3	5.0	06/04/13 06:44	
Isopropylbenzene (Cumene)	ug/L	<0.34	1.0	06/04/13 06:44	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

METHOD BLANK: 799804 Matrix: Water

Associated Lab Samples: 4078577010, 4078577011, 4078577022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/L	<0.82	2.0	06/04/13 06:44	
Methyl-tert-butyl ether	ug/L	<0.49	1.0	06/04/13 06:44	
Methylene Chloride	ug/L	<0.36	1.0	06/04/13 06:44	
n-Butylbenzene	ug/L	<0.40	1.0	06/04/13 06:44	
n-Propylbenzene	ug/L	<0.50	1.0	06/04/13 06:44	
Naphthalene	ug/L	<2.5	5.0	06/04/13 06:44	
o-Xylene	ug/L	<0.50	1.0	06/04/13 06:44	
p-Isopropyltoluene	ug/L	<0.40	1.0	06/04/13 06:44	
sec-Butylbenzene	ug/L	<0.60	5.0	06/04/13 06:44	
Styrene	ug/L	<0.35	1.0	06/04/13 06:44	
tert-Butylbenzene	ug/L	<0.42	1.0	06/04/13 06:44	
Tetrachloroethene	ug/L	<0.47	1.0	06/04/13 06:44	
Toluene	ug/L	<0.44	1.0	06/04/13 06:44	
trans-1,2-Dichloroethene	ug/L	<0.37	1.0	06/04/13 06:44	
trans-1,3-Dichloropropene	ug/L	<0.26	1.0	06/04/13 06:44	
Trichloroethene	ug/L	<0.43	1.0	06/04/13 06:44	
Trichlorofluoromethane	ug/L	<0.48	1.0	06/04/13 06:44	
Vinyl chloride	ug/L	<0.18	1.0	06/04/13 06:44	
4-Bromofluorobenzene (S)	%	99	43-137	06/04/13 06:44	
Dibromofluoromethane (S)	%	106	70-130	06/04/13 06:44	
Toluene-d8 (S)	%	95	55-137	06/04/13 06:44	

LABORATORY CONTROL SAMPLE & LCSD: 799805 799806

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	64.4	63.8	129	128	70-136	1	20	
1,1,2,2-Tetrachloroethane	ug/L	50	43.8	44.4	88	89	70-130	1	20	
1,1,2-Trichloroethane	ug/L	50	47.2	48.1	94	96	70-130	2	20	
1,1-Dichloroethane	ug/L	50	53.6	52.7	107	105	70-146	2	20	
1,1-Dichloroethene	ug/L	50	52.0	50.3	104	101	70-130	3	20	
1,2,4-Trichlorobenzene	ug/L	50	45.3	45.9	91	92	70-130	1	20	
1,2-Dibromo-3-chloropropane	ug/L	50	48.6	51.4	97	103	46-150	5	20	
1,2-Dibromoethane (EDB)	ug/L	50	50.9	53.5	102	107	70-130	5	20	
1,2-Dichlorobenzene	ug/L	50	49.4	49.2	99	98	70-130	0	20	
1,2-Dichloroethane	ug/L	50	64.7	62.0	129	124	70-144	4	20	
1,2-Dichloropropane	ug/L	50	47.6	49.3	95	99	70-136	4	20	
1,3-Dichlorobenzene	ug/L	50	47.6	47.7	95	95	70-130	0	20	
1,4-Dichlorobenzene	ug/L	50	48.7	48.3	97	97	70-130	1	20	
Benzene	ug/L	50	47.4	47.4	95	95	70-137	0	20	
Bromodichloromethane	ug/L	50	62.8	61.6	126	123	70-133	2	20	
Bromoform	ug/L	50	54.6	58.6	109	117	59-130	7	20	
Bromomethane	ug/L	50	35.8	40.1	72	80	41-148	11	20	
Carbon tetrachloride	ug/L	50	69.7	71.3	139	143	70-154	2	20	
Chlorobenzene	ug/L	50	50.4	51.7	101	103	70-130	3	20	
Chloroethane	ug/L	50	46.2	45.3	92	91	70-139	2	20	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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QUALITY CONTROL DATA

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

LABORATORY CONTROL SAMPLE & LCSD: 799805 799806

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chloroform	ug/L	50	58.3	57.3	117	115	70-130	2	20	
Chloromethane	ug/L	50	49.8	49.8	100	100	45-154	0	20	
cis-1,2-Dichloroethene	ug/L	50	48.4	47.6	97	95	70-130	2	20	
cis-1,3-Dichloropropene	ug/L	50	47.6	49.0	95	98	70-136	3	20	
Dibromochloromethane	ug/L	50	58.5	62.2	117	124	70-130	6	20	
Dichlorodifluoromethane	ug/L	50	64.7	63.0	129	126	20-157	3	20	
Ethylbenzene	ug/L	50	49.3	50.4	99	101	70-130	2	20	
Isopropylbenzene (Cumene)	ug/L	50	53.6	54.3	107	109	70-130	1	20	
m&p-Xylene	ug/L	100	99.6	104	100	104	70-130	4	20	
Methyl-tert-butyl ether	ug/L	50	51.2	49.7	102	99	59-141	3	20	
Methylene Chloride	ug/L	50	46.2	46.3	92	93	70-130	0	20	
o-Xylene	ug/L	50	50.1	51.8	100	104	70-130	3	20	
Styrene	ug/L	50	49.1	51.1	98	102	70-130	4	20	
Tetrachloroethene	ug/L	50	52.9	53.2	106	106	70-130	1	20	
Toluene	ug/L	50	49.5	50.7	99	101	70-130	2	20	
trans-1,2-Dichloroethene	ug/L	50	50.2	50.8	100	102	70-130	1	20	
trans-1,3-Dichloropropene	ug/L	50	53.7	55.5	107	111	55-135	3	20	
Trichloroethene	ug/L	50	55.8	56.3	112	113	70-130	1	20	
Trichlorofluoromethane	ug/L	50	73.1	72.9	146	146	50-150	0	20	
Vinyl chloride	ug/L	50	50.4	49.7	101	99	61-143	1	20	
4-Bromofluorobenzene (S)	%				102	105	43-137			
Dibromofluoromethane (S)	%				112	112	70-130			
Toluene-d8 (S)	%				96	97	55-137			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 801426 801427

Parameter	Units	4078744003 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	<0.44	50	50	66.7	66.0	133	132	70-136	1	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	44.2	43.9	88	88	70-130	1	20	
1,1,2-Trichloroethane	ug/L	<0.39	50	50	48.3	47.6	97	95	70-130	2	20	
1,1-Dichloroethane	ug/L	<0.28	50	50	53.4	53.0	107	106	70-146	1	20	
1,1-Dichloroethene	ug/L	<0.43	50	50	51.6	51.1	103	102	70-130	1	20	
1,2,4-Trichlorobenzene	ug/L	<2.5	50	50	45.8	44.6	92	89	70-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.5	50	50	50.3	51.6	101	103	46-150	3	20	
1,2-Dibromoethane (EDB)	ug/L	<0.38	50	50	53.0	53.7	106	107	70-130	1	20	
1,2-Dichlorobenzene	ug/L	<0.44	50	50	48.5	48.7	97	97	70-130	0	20	
1,2-Dichloroethane	ug/L	<0.48	50	50	65.9	64.3	132	129	70-146	2	20	
1,2-Dichloropropane	ug/L	<0.50	50	50	50.8	48.3	102	97	70-136	5	20	
1,3-Dichlorobenzene	ug/L	<0.45	50	50	49.2	49.1	98	98	70-130	0	20	
1,4-Dichlorobenzene	ug/L	<0.43	50	50	48.9	50.8	98	102	70-130	4	20	
Benzene	ug/L	<0.50	50	50	48.2	47.3	96	95	70-137	2	20	
Bromodichloromethane	ug/L	<0.45	50	50	65.1	63.5	130	127	70-133	2	20	
Bromoform	ug/L	<0.23	50	50	58.2	60.3	116	121	57-130	4	20	
Bromomethane	ug/L	<0.43	50	50	43.8	41.5	88	83	41-148	5	20	
Carbon tetrachloride	ug/L	<0.37	50	50	74.5	73.5	149	147	70-154	1	20	
Chlorobenzene	ug/L	<0.36	50	50	51.4	52.1	103	104	70-130	1	20	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
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(920)469-2436

QUALITY CONTROL DATA

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 801426 801427

Parameter	Units	4078744003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloroethane	ug/L	<0.44	50	50	47.4	46.6	95	93	70-140	2	20	
Chloroform	ug/L	<0.69	50	50	58.6	57.6	117	115	70-130	2	20	
Chloromethane	ug/L	<0.39	50	50	51.9	51.8	103	103	45-154	0	20	
cis-1,2-Dichloroethene	ug/L	<0.42	50	50	47.8	48.1	96	96	70-130	0	20	
cis-1,3-Dichloropropene	ug/L	<0.29	50	50	49.7	50.1	99	100	70-136	1	20	
Dibromochloromethane	ug/L	<1.9	50	50	61.5	62.4	123	125	70-130	1	20	
Dichlorodifluoromethane	ug/L	<0.40	50	50	62.4	62.5	125	125	10-157	0	20	
Ethylbenzene	ug/L	<0.50	50	50	51.1	51.0	102	102	70-130	0	20	
Isopropylbenzene (Cumene)	ug/L	<0.34	50	50	54.3	54.5	109	109	70-130	0	20	
m&p-Xylene	ug/L		100	100	104	103	104	103	70-130	0	20	
Methyl-tert-butyl ether	ug/L	<0.49	50	50	51.4	51.2	103	102	59-141	0	20	
Methylene Chloride	ug/L	<0.36	50	50	47.7	47.0	95	94	70-130	2	20	
o-Xylene	ug/L		50	50	52.3	51.1	105	102	70-130	2	20	
Styrene	ug/L	<0.35	50	50	50.3	49.9	101	100	35-164	1	20	
Tetrachloroethene	ug/L	<0.47	50	50	53.5	54.1	107	108	70-130	1	20	
Toluene	ug/L	<0.44	50	50	49.5	50.6	99	101	70-130	2	20	
trans-1,2-Dichloroethene	ug/L	<0.37	50	50	51.9	51.3	104	103	70-130	1	20	
trans-1,3-Dichloropropene	ug/L	<0.26	50	50	55.9	56.3	112	113	55-137	1	20	
Trichloroethene	ug/L	<0.43	50	50	57.7	56.6	115	113	70-130	2	20	
Trichlorofluoromethane	ug/L	<0.48	50	50	75.6	74.7	151	149	50-150	1	20	M1
Vinyl chloride	ug/L	<0.18	50	50	51.3	50.8	103	102	59-144	1	20	
4-Bromofluorobenzene (S)	%						104	102	43-137			
Dibromofluoromethane (S)	%						110	105	70-130			
Toluene-d8 (S)	%						96	95	55-137			

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
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QUALITY CONTROL DATA

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

QC Batch: MSV/19913 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 4078577006, 4078577009

METHOD BLANK: 801598 Matrix: Water
Associated Lab Samples: 4078577006, 4078577009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.45	1.0	06/04/13 18:13	
1,1,1-Trichloroethane	ug/L	<0.44	1.0	06/04/13 18:13	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	06/04/13 18:13	
1,1,2-Trichloroethane	ug/L	<0.39	1.0	06/04/13 18:13	
1,1-Dichloroethane	ug/L	<0.28	1.0	06/04/13 18:13	
1,1-Dichloroethene	ug/L	<0.43	1.0	06/04/13 18:13	
1,1-Dichloropropene	ug/L	<0.51	1.0	06/04/13 18:13	
1,2,3-Trichlorobenzene	ug/L	<0.77	5.0	06/04/13 18:13	
1,2,3-Trichloropropane	ug/L	<0.47	1.0	06/04/13 18:13	
1,2,4-Trichlorobenzene	ug/L	<2.5	5.0	06/04/13 18:13	
1,2,4-Trimethylbenzene	ug/L	<0.57	5.0	06/04/13 18:13	
1,2-Dibromo-3-chloropropane	ug/L	<1.5	5.0	06/04/13 18:13	
1,2-Dibromoethane (EDB)	ug/L	<0.38	1.0	06/04/13 18:13	
1,2-Dichlorobenzene	ug/L	<0.44	1.0	06/04/13 18:13	
1,2-Dichloroethane	ug/L	<0.48	1.0	06/04/13 18:13	
1,2-Dichloropropane	ug/L	<0.50	1.0	06/04/13 18:13	
1,3,5-Trimethylbenzene	ug/L	<2.5	5.0	06/04/13 18:13	
1,3-Dichlorobenzene	ug/L	<0.45	1.0	06/04/13 18:13	
1,3-Dichloropropane	ug/L	<0.46	1.0	06/04/13 18:13	
1,4-Dichlorobenzene	ug/L	<0.43	1.0	06/04/13 18:13	
2,2-Dichloropropane	ug/L	<0.37	1.0	06/04/13 18:13	
2-Chlorotoluene	ug/L	<0.48	1.0	06/04/13 18:13	
4-Chlorotoluene	ug/L	<0.48	1.0	06/04/13 18:13	
Benzene	ug/L	<0.50	1.0	06/04/13 18:13	
Bromobenzene	ug/L	<0.48	1.0	06/04/13 18:13	
Bromochloromethane	ug/L	<0.49	1.0	06/04/13 18:13	
Bromodichloromethane	ug/L	<0.45	1.0	06/04/13 18:13	
Bromoform	ug/L	<0.23	1.0	06/04/13 18:13	
Bromomethane	ug/L	<0.43	5.0	06/04/13 18:13	
Carbon tetrachloride	ug/L	<0.37	1.0	06/04/13 18:13	
Chlorobenzene	ug/L	<0.36	1.0	06/04/13 18:13	
Chloroethane	ug/L	<0.44	1.0	06/04/13 18:13	
Chloroform	ug/L	<0.69	5.0	06/04/13 18:13	
Chloromethane	ug/L	<0.39	1.0	06/04/13 18:13	
cis-1,2-Dichloroethene	ug/L	<0.42	1.0	06/04/13 18:13	
cis-1,3-Dichloropropene	ug/L	<0.29	1.0	06/04/13 18:13	
Dibromochloromethane	ug/L	<1.9	5.0	06/04/13 18:13	
Dibromomethane	ug/L	<0.48	1.0	06/04/13 18:13	
Dichlorodifluoromethane	ug/L	<0.40	1.0	06/04/13 18:13	
Diisopropyl ether	ug/L	<0.50	1.0	06/04/13 18:13	
Ethylbenzene	ug/L	<0.50	1.0	06/04/13 18:13	
Hexachloro-1,3-butadiene	ug/L	<1.3	5.0	06/04/13 18:13	
Isopropylbenzene (Cumene)	ug/L	<0.34	1.0	06/04/13 18:13	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

METHOD BLANK: 801598 Matrix: Water

Associated Lab Samples: 4078577006, 4078577009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/L	<0.82	2.0	06/04/13 18:13	
Methyl-tert-butyl ether	ug/L	<0.49	1.0	06/04/13 18:13	
Methylene Chloride	ug/L	<0.36	1.0	06/04/13 18:13	
n-Butylbenzene	ug/L	<0.40	1.0	06/04/13 18:13	
n-Propylbenzene	ug/L	<0.50	1.0	06/04/13 18:13	
Naphthalene	ug/L	<2.5	5.0	06/04/13 18:13	
o-Xylene	ug/L	<0.50	1.0	06/04/13 18:13	
p-Isopropyltoluene	ug/L	<0.40	1.0	06/04/13 18:13	
sec-Butylbenzene	ug/L	<0.60	5.0	06/04/13 18:13	
Styrene	ug/L	<0.35	1.0	06/04/13 18:13	
tert-Butylbenzene	ug/L	<0.42	1.0	06/04/13 18:13	
Tetrachloroethene	ug/L	<0.47	1.0	06/04/13 18:13	
Toluene	ug/L	<0.44	1.0	06/04/13 18:13	
trans-1,2-Dichloroethene	ug/L	<0.37	1.0	06/04/13 18:13	
trans-1,3-Dichloropropene	ug/L	<0.26	1.0	06/04/13 18:13	
Trichloroethene	ug/L	<0.43	1.0	06/04/13 18:13	
Trichlorofluoromethane	ug/L	<0.48	1.0	06/04/13 18:13	
Vinyl chloride	ug/L	<0.18	1.0	06/04/13 18:13	
4-Bromofluorobenzene (S)	%	101	43-137	06/04/13 18:13	
Dibromofluoromethane (S)	%	110	70-130	06/04/13 18:13	
Toluene-d8 (S)	%	97	55-137	06/04/13 18:13	

LABORATORY CONTROL SAMPLE & LCSD: 801599 801600

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	63.2	65.3	126	131	70-136	3	20	
1,1,2,2-Tetrachloroethane	ug/L	50	42.9	44.3	86	89	70-130	3	20	
1,1,2-Trichloroethane	ug/L	50	47.2	48.5	94	97	70-130	3	20	
1,1-Dichloroethane	ug/L	50	51.7	52.8	103	106	70-146	2	20	
1,1-Dichloroethene	ug/L	50	48.8	50.7	98	101	70-130	4	20	
1,2,4-Trichlorobenzene	ug/L	50	44.2	46.7	88	93	70-130	6	20	
1,2-Dibromo-3-chloropropane	ug/L	50	49.0	53.9	98	108	46-150	9	20	
1,2-Dibromoethane (EDB)	ug/L	50	52.6	54.6	105	109	70-130	4	20	
1,2-Dichlorobenzene	ug/L	50	48.6	50.4	97	101	70-130	4	20	
1,2-Dichloroethane	ug/L	50	65.7	66.1	131	132	70-144	1	20	
1,2-Dichloropropane	ug/L	50	48.4	50.2	97	100	70-136	4	20	
1,3-Dichlorobenzene	ug/L	50	48.6	49.1	97	98	70-130	1	20	
1,4-Dichlorobenzene	ug/L	50	49.2	50.8	98	102	70-130	3	20	
Benzene	ug/L	50	48.5	49.1	97	98	70-137	1	20	
Bromodichloromethane	ug/L	50	62.5	64.5	125	129	70-133	3	20	
Bromoform	ug/L	50	58.3	58.0	117	116	59-130	1	20	
Bromomethane	ug/L	50	36.0	36.5	72	73	41-148	1	20	
Carbon tetrachloride	ug/L	50	69.6	73.7	139	147	70-154	6	20	
Chlorobenzene	ug/L	50	51.8	51.6	104	103	70-130	0	20	
Chloroethane	ug/L	50	43.4	43.6	87	87	70-139	0	20	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

LABORATORY CONTROL SAMPLE & LCSD: 801599 801600

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chloroform	ug/L	50	57.3	57.8	115	116	70-130	1	20	
Chloromethane	ug/L	50	47.0	46.8	94	94	45-154	1	20	
cis-1,2-Dichloroethene	ug/L	50	49.5	49.4	99	99	70-130	0	20	
cis-1,3-Dichloropropene	ug/L	50	49.7	51.0	99	102	70-136	3	20	
Dibromochloromethane	ug/L	50	61.7	63.6	123	127	70-130	3	20	
Dichlorodifluoromethane	ug/L	50	59.8	58.5	120	117	20-157	2	20	
Ethylbenzene	ug/L	50	51.3	51.9	103	104	70-130	1	20	
Isopropylbenzene (Cumene)	ug/L	50	55.6	54.4	111	109	70-130	2	20	
m&p-Xylene	ug/L	100	102	102	102	102	70-130	1	20	
Methyl-tert-butyl ether	ug/L	50	48.9	50.3	98	101	59-141	3	20	
Methylene Chloride	ug/L	50	44.8	46.3	90	93	70-130	3	20	
o-Xylene	ug/L	50	51.6	52.2	103	104	70-130	1	20	
Styrene	ug/L	50	51.8	50.0	104	100	70-130	4	20	
Tetrachloroethene	ug/L	50	53.0	54.0	106	108	70-130	2	20	
Toluene	ug/L	50	50.0	50.5	100	101	70-130	1	20	
trans-1,2-Dichloroethene	ug/L	50	50.2	51.0	100	102	70-130	2	20	
trans-1,3-Dichloropropene	ug/L	50	55.0	57.1	110	114	55-135	4	20	
Trichloroethene	ug/L	50	57.9	58.9	116	118	70-130	2	20	
Trichlorofluoromethane	ug/L	50	70.2	70.6	140	141	50-150	1	20	
Vinyl chloride	ug/L	50	48.1	46.9	96	94	61-143	3	20	
4-Bromofluorobenzene (S)	%				102	102	43-137			
Dibromofluoromethane (S)	%				108	105	70-130			
Toluene-d8 (S)	%				96	94	55-137			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 802191 802192

Parameter	Units	4078586004 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	2.6	50	50	67.1	67.7	129	130	70-136	1	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	46.2	48.0	92	96	70-130	4	20	
1,1,2-Trichloroethane	ug/L	<0.39	50	50	49.5	48.9	99	98	70-130	1	20	
1,1-Dichloroethane	ug/L	0.93J	50	50	52.3	53.4	103	105	70-146	2	20	
1,1-Dichloroethene	ug/L	<0.43	50	50	50.2	50.9	100	102	70-130	1	20	
1,2,4-Trichlorobenzene	ug/L	<2.5	50	50	48.2	46.9	96	93	70-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.5	50	50	51.0	51.7	102	103	46-150	1	20	
1,2-Dibromoethane (EDB)	ug/L	<0.38	50	50	55.5	53.7	111	107	70-130	3	20	
1,2-Dichlorobenzene	ug/L	<0.44	50	50	50.7	49.8	101	100	70-130	2	20	
1,2-Dichloroethane	ug/L	<0.48	50	50	62.8	64.4	126	129	70-146	3	20	
1,2-Dichloropropane	ug/L	<0.50	50	50	51.5	48.7	103	97	70-136	5	20	
1,3-Dichlorobenzene	ug/L	<0.45	50	50	51.3	49.4	103	99	70-130	4	20	
1,4-Dichlorobenzene	ug/L	<0.43	50	50	51.2	50.8	102	102	70-130	1	20	
Benzene	ug/L	<0.50	50	50	47.9	49.1	96	98	70-137	2	20	
Bromodichloromethane	ug/L	<0.45	50	50	65.6	61.1	131	122	70-133	7	20	
Bromoform	ug/L	<0.23	50	50	61.1	60.4	122	121	57-130	1	20	
Bromomethane	ug/L	<0.43	50	50	41.0	41.4	82	83	41-148	1	20	
Carbon tetrachloride	ug/L	<0.37	50	50	71.9	71.3	144	143	70-154	1	20	
Chlorobenzene	ug/L	<0.36	50	50	52.5	51.8	105	104	70-130	1	20	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
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(920)469-2436

QUALITY CONTROL DATA

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 802191 802192

Parameter	Units	4078586004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloroethane	ug/L	<0.44	50	50	43.8	45.8	88	92	70-140	4	20	
Chloroform	ug/L	<0.69	50	50	57.5	58.3	115	117	70-130	1	20	
Chloromethane	ug/L	<0.39	50	50	47.3	47.7	94	95	45-154	1	20	
cis-1,2-Dichloroethene	ug/L	<0.42	50	50	47.3	47.4	95	95	70-130	0	20	
cis-1,3-Dichloropropene	ug/L	<0.29	50	50	49.7	49.9	99	100	70-136	0	20	
Dibromochloromethane	ug/L	<1.9	50	50	64.9	63.7	130	127	70-130	2	20	
Dichlorodifluoromethane	ug/L	<0.40	50	50	58.6	54.6	117	109	10-157	7	20	
Ethylbenzene	ug/L	<0.50	50	50	52.4	52.6	105	105	70-130	0	20	
Isopropylbenzene (Cumene)	ug/L	<0.34	50	50	56.5	54.8	113	110	70-130	3	20	
m&p-Xylene	ug/L	<0.82	100	100	107	105	107	105	70-130	2	20	
Methyl-tert-butyl ether	ug/L	<0.49	50	50	48.9	50.6	98	101	59-141	3	20	
Methylene Chloride	ug/L	<0.36	50	50	46.6	46.1	93	92	70-130	1	20	
o-Xylene	ug/L	<0.50	50	50	54.4	52.2	109	104	70-130	4	20	
Styrene	ug/L	<0.35	50	50	54.4	51.9	109	104	35-164	5	20	
Tetrachloroethene	ug/L	<0.47	50	50	56.5	56.7	113	113	70-130	0	20	
Toluene	ug/L	<0.44	50	50	53.6	50.6	107	101	70-130	6	20	
trans-1,2-Dichloroethene	ug/L	<0.37	50	50	49.8	50.8	100	102	70-130	2	20	
trans-1,3-Dichloropropene	ug/L	<0.26	50	50	56.8	57.3	114	115	55-137	1	20	
Trichloroethene	ug/L	1.6	50	50	60.3	58.1	117	113	70-130	4	20	
Trichlorofluoromethane	ug/L	<0.48	50	50	70.0	70.9	140	142	50-150	1	20	
Vinyl chloride	ug/L	<0.18	50	50	48.9	49.0	98	98	59-144	0	20	
4-Bromofluorobenzene (S)	%						104	104	43-137			
Dibromofluoromethane (S)	%						104	108	70-130			
Toluene-d8 (S)	%						98	98	55-137			

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

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.

PRL - Pace Reporting Limit.

RL - Reporting 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.

SG - Silica Gel - Clean-Up

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 TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

Pace Analytical Services, Inc.
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Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60289643.1 C&L INDUSTRIAL CLEA
Pace Project No.: 4078577

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4078577001	**MW-20**	EPA 8260	MSV/19792		
4078577002	**PZ-20**	EPA 8260	MSV/19792		
4078577003	**MW-4**	EPA 8260	MSV/19792		
4078577004	**PZ-4**	EPA 8260	MSV/19792		
4078577005	**MW-5P**	EPA 8260	MSV/19792		
4078577006	**MW-5**	EPA 8260	MSV/19913		
4078577007	**B-3**	EPA 8260	MSV/19792		
4078577008	**B-3 DUP**	EPA 8260	MSV/19792		
4078577009	**MW-24**	EPA 8260	MSV/19913		
4078577010	**MW-2**	EPA 8260	MSV/19874		
4078577011	**B-5**	EPA 8260	MSV/19874		
4078577012	**B-6**	EPA 8260	MSV/19794		
4078577013	**MW-6**	EPA 8260	MSV/19794		
4078577014	**MW-23**	EPA 8260	MSV/19794		
4078577015	**MW-21**	EPA 8260	MSV/19794		
4078577016	**MW-1**	EPA 8260	MSV/19794		
4078577017	**B-7**	EPA 8260	MSV/19794		
4078577018	**B-12**	EPA 8260	MSV/19794		
4078577019	**MW-26**	EPA 8260	MSV/19794		
4078577020	**MW-3**	EPA 8260	MSV/19794		
4078577021	**B-16**	EPA 8260	MSV/19794		
4078577022	**TRIP BLANK**	EPA 8260	MSV/19874		

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

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CHAIN OF CUSTODY

4078577

(Please Print Clearly)	
Company Name:	AECOM
Branch/Location:	Milwaukee, WI
Project Contact:	Lanette Attenbach
Phone:	414.944.6186
Project Number:	60289643.1
Project Name:	C&L Industrial Cleaners
Project State:	WI
Sampled By (Print):	Lee Wilson
Sampled By (Sign):	Lee M. Wilson
PO #:	Regulatory Program:

*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

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	SAME
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
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: VOCs	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
001	MW-20	5/22/13	1025	GW	N	B	X		3-40 mL B
002	PZ-20	5/22/13	1100	GW			X	Analysis Per Contract	
003	MW-4	5/22/13	1145	GW			X		
004	PZ-4	5/22/13	1225	GW			X		
005	MW-5P	5/22/13	1405	GW			X		
006	MW-5	5/22/13	1320	GW			X		
007	B-3	5/22/13	1440	GW			X		
008	B-3-DUP	5/22/13	1440	GW			X		
009	MW-24	5/22/13	1535	GW			X		
010	MW-2	5/22/13	1645	GW			X		
011	B-5	5/22/13	1730	GW			X		
012	B-6	5/23/13	0950	GW			X		
013	MW-6	5/23/13	1135	GW			X		

Profile #

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed: Standard TAT

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:
Lee M. Wilson	5/23/13 1900	[illegible]	5/23/13 1900
[illegible]	5/24/13 0000		
Pace Courier	5/24/13 1600	[illegible]	5/24/13 1600

PACE Project No.: 4078577

Receipt Temp = 6.0 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal: (Present) / Not Present; (Intact) / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

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CHAIN OF CUSTODY

4078577

(Please Print Clearly)	
Company Name:	AECOM
Branch/Location:	Milwaukee, WI
Project Contact:	Lanette Altenbach
Phone:	414.944.6186
Project Number:	60289643.1
Project Name:	C&L Industrial Cleaners
Project State:	WI
Sampled By (Print):	Lee M. Wilson
Sampled By (Sign):	Lee M. Wilson
PO #:	Regulatory Program:

*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

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	SAME
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: VOCs	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
014	~~MW-25~~ MW-23	5/23/13	1220	GW		B	X		3-40 mL B	
015	MW-21	5/23/13	1320	GW			X			
016	MW-1	5/23/13	1040	GW			X			
017	B-7	5/23/13	1405	GW			X	Excess Sample for MS/MSD	9-40 mL B	
018	B-12	5/23/13	1500	GW			X		3-40 mL B	
019	MW-26	5/23/13	1540	GW			X			
020	MW-3	5/23/13	1620	GW			X	Analysis per Contract		
021	B-16	5/23/13	1650	GW			X			
022	TRIP BLANK	5/22/13	1000	W			X		2-40 mL B	

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed: Standard TAT

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:
Lee M. Wilson	5/23/13 1900	Tod Schaff	5/23/13 1900
Tod Schaff	5/24/13 0800		
Pace Courier	5/24/13 1600	Milwaukee Pace	5/24/13 1600

PACE Project No.: 4078577
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

Pace Analytical Services, Inc
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Pace Analytical™

Sample Condition Upon Receipt

Client Name: Accom - MKE Project # 407577

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace Other _____

Tracking #: NA

Custody Seal on Cooler/Box Present: ☒ yes ☐ no Seals intact: ☒ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☒ Other poly bags

Thermometer Used NA Type of Ice: (Wet) Blue Dry None ☒ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: R01 /Corr: Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☒ yes ☐ no

Person examining contents:
Date: 5-25-13
Initials: MW

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

			Comments:
Chain of Custody Present:	☒Yes	☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes	☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes	☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes	☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes	☐No ☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes	☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes	☒No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes	☒No ☐N/A	7.
Sufficient Volume:	☒Yes	☐No ☐N/A	8.
Correct Containers Used:	☒Yes	☐No ☐N/A	9.
-Pace Containers Used:	☒Yes	☐No ☐N/A	
-Pace IR Containers Used:	☐Yes	☐No ☐N/A	
Containers Intact:	☒Yes	☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes	☐No ☒N/A	11.
Sample Labels match COC:	☒Yes	☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W			
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐Yes	☐No ☒N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes	☐No ☒N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☒Yes	☐No	Initial when completed / Lab Std #ID of preservative / Date/ Time:
Headspace in VOA Vials (>6mm):	☐Yes	☒No ☐N/A	14.
Trip Blank Present:	☒Yes	☐No ☐N/A	15.
Trip Blank Custody Seals Present	☒Yes	☐No ☐N/A	
Pace Trip Blank Lot # (if purchased):			

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 5/28/13

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

June 10, 2013

Lanette Altenbach
AECOM
1555 N RiverCenter Drive
Suite 214
Milwaukee, WI 53212

RE: Project: 60289643 C&L Industrial Clean
Pace Project No.: 10230183

Dear Lanette Altenbach:
Enclosed are the analytical results for sample(s) received by the laboratory on May 25, 2013. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carol Davy

carol.davy@pacelabs.com
Project Manager

Enclosures

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: 60289643 C&L Industrial Clean
Pace Project No.: 10230183

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: Pace
Florida/NELAP Certification #: E87605
Georgia Certification #: 959
Hawaii Certification #Pace
Idaho Certification #: MN00064
Illinois Certification #: 200011
Kansas Certification #: E-10167
Louisiana Certification #: 03086
Louisiana Certification #: LA080009
Maine Certification #: 2007029
Maryland Certification #: 322
Michigan DEQ Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT CERT0092
Nevada Certification #: MN_00064
Nebraska Certification #: Pace
New Jersey Certification #: MN-002
New York Certification #: 11647
North Carolina Certification #: 530
North Dakota Certification #: R-036
North Dakota Certification #: R-036A
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Tennessee Certification #: 02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia/DCLS Certification #: 002521
Virginia/VELAP Certification #: 460163
Washington Certification #: C754
West Virginia Certification #: 382
Wisconsin Certification #: 999407970

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(612)607-1700

SAMPLE SUMMARY

Project: 60289643 C&L Industrial Clean
Pace Project No.: 10230183

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10230183001	**VP-1**	Air	05/22/13 13:12	05/25/13 09:15
10230183002	**VP-2**	Air	05/22/13 16:25	05/25/13 09:15
10230183003	**VP-3**	Air	05/22/13 16:30	05/25/13 09:15
10230183004	**VP-4**	Air	05/22/13 16:37	05/25/13 09:15

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Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: 60289643 C&L Industrial Clean
Pace Project No.: 10230183

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10230183001	**VP-1**	TO-15	CJR, DR1	4
10230183002	**VP-2**	TO-15	CJR	4
10230183003	**VP-3**	TO-15	CJR	4
10230183004	**VP-4**	TO-15	CJR	4

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Minneapolis, MN 55414
(612)607-1700

PROJECT NARRATIVE

Project: 60289643 C&L Industrial Clean
Pace Project No.: 10230183

Method: **TO-15**
Description: TO15 MSV AIR
Client: AECOM
Date: June 10, 2013

General Information:
4 samples were analyzed for TO-15. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Sample Comments:

The internal standard recoveries associated with this sample exceed the lower control limit (-/40% of initial calibration standard). Results confirmed by second analysis.

- VP-2 (Lab ID: 10230183002)
- VP-3 (Lab ID: 10230183003)
- VP-4 (Lab ID: 10230183004)

Analyte Comments:

QC Batch: AIR/17449

1M: The internal standard recoveries associated with this sample exceed the lower control limit (-40% of initial calibration standard). Results confirmed by second analysis.

- VP-1 (Lab ID: 10230183001)
  - Trichloroethene

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 60289643 C&L Industrial Clean
Pace Project No.: 10230183

Sample: VP-1 **Lab ID: 10230183001** Collected: 05/22/13 13:12 Received: 05/25/13 09:15 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
cis-1,2-Dichloroethene	ND	ug/m3	1.1	0.21	1.39		06/01/13 03:07	156-59-2	
Tetrachloroethene	**2840**	ug/m3	19.2	9.6	27.8		06/04/13 05:24	127-18-4	
Trichloroethene	**4.2**	ug/m3	0.76	0.38	1.39		06/01/13 03:07	79-01-6	1M
Vinyl chloride	ND	ug/m3	0.36	0.18	1.39		06/01/13 03:07	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 60289643 C&L Industrial Clean
Pace Project No.: 10230183

Sample: VP-2 **Lab ID: 10230183002** Collected: 05/22/13 16:25 Received: 05/25/13 09:15 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
cis-1,2-Dichloroethene	ND	ug/m3	1.2	0.22	1.44		06/01/13 04:06	156-59-2	
Tetrachloroethene	**273**	ug/m3	0.99	0.50	1.44		06/01/13 04:06	127-18-4	
Trichloroethene	ND	ug/m3	0.79	0.39	1.44		06/01/13 04:06	79-01-6	
Vinyl chloride	ND	ug/m3	0.37	0.19	1.44		06/01/13 04:06	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 60289643 C&L Industrial Clean
Pace Project No.: 10230183

Sample: VP-3 **Lab ID: 10230183003** Collected: 05/22/13 16:30 Received: 05/25/13 09:15 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
cis-1,2-Dichloroethene	ND	ug/m3	1.3	0.24	1.55		06/01/13 03:37	156-59-2	
Tetrachloroethene	**21.5**	ug/m3	1.1	0.53	1.55		06/01/13 03:37	127-18-4	
Trichloroethene	ND	ug/m3	0.85	0.42	1.55		06/01/13 03:37	79-01-6	
Vinyl chloride	ND	ug/m3	0.40	0.20	1.55		06/01/13 03:37	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 60289643 C&L Industrial Clean
Pace Project No.: 10230183

Sample: VP-4 **Lab ID: 10230183004** Collected: 05/22/13 16:37 Received: 05/25/13 09:15 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
cis-1,2-Dichloroethene	ND	ug/m3	1.3	0.25	1.61		06/01/13 02:39	156-59-2	
Tetrachloroethene	**33.4**	ug/m3	1.1	0.56	1.61		06/01/13 02:39	127-18-4	
Trichloroethene	ND	ug/m3	0.89	0.44	1.61		06/01/13 02:39	79-01-6	
Vinyl chloride	ND	ug/m3	0.42	0.21	1.61		06/01/13 02:39	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 60289643 C&L Industrial Clean
Pace Project No.: 10230183

QC Batch: AIR/17449 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10230183001, 10230183002, 10230183003, 10230183004

METHOD BLANK: 1445821 Matrix: Air
Associated Lab Samples: 10230183001, 10230183002, 10230183003, 10230183004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/m3	ND	0.81	05/31/13 18:15	
Tetrachloroethene	ug/m3	ND	0.69	05/31/13 18:15	
Trichloroethene	ug/m3	ND	0.55	05/31/13 18:15	
Vinyl chloride	ug/m3	ND	0.26	05/31/13 18:15	

LABORATORY CONTROL SAMPLE: 1445822

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/m3	40.3	42.8	106	73-135	
Tetrachloroethene	ug/m3	69	65.0	94	66-135	
Trichloroethene	ug/m3	54.6	57.1	105	68-134	
Vinyl chloride	ug/m3	26	26.8	103	64-134	

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QUALIFIERS

Project: 60289643 C&L Industrial Clean
Pace Project No.: 10230183

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.

PRL - Pace Reporting Limit.

RL - Reporting 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.

SG - Silica Gel - Clean-Up

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 TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

SAMPLE QUALIFIERS

Sample: 10230183002

[1] The internal standard recoveries associated with this sample exceed the lower control limit (-/40% of initial calibration standard). Results confirmed by second analysis.

Sample: 10230183003

[1] The internal standard recoveries associated with this sample exceed the lower control limit (-/40% of initial calibration standard). Results confirmed by second analysis.

Sample: 10230183004

[1] The internal standard recoveries associated with this sample exceed the lower control limit (-/40% of initial calibration standard). Results confirmed by second analysis.

ANALYTE QUALIFIERS

1M The internal standard recoveries associated with this sample exceed the lower control limit (-40% of initial calibration standard). Results confirmed by second analysis.

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60289643 C&L Industrial Clean
Pace Project No.: 10230183

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10230183001	**VP-1**	TO-15	AIR/17449		
10230183002	**VP-2**	TO-15	AIR/17449		
10230183003	**VP-3**	TO-15	AIR/17449		
10230183004	**VP-4**	TO-15	AIR/17449		

10230183

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AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

11511

Page: 1 of 1

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: AECOM	Report To: Lanette Attenbach	Attention: Lanette Attenbach
Address: 1555 N. RiverCenter Dr. Ste. 214	Copy To:	Company Name: AECOM
Milwaukee, WI 53212		Address: 1555 N. RiverCenter Dr. Ste. 214, Milw. WI
Email To: lanette.attenbach.aecom.com	Purchase Order No.:	Pace Quote Reference:
Phone: 414.944.6186 Fax: 414.944.6081	Project Name: 60289643	Pace Project Manager/Sales Rep.
Requested Due Date/TAT: Standard TAT	Project Number: C&L Industrial Cleaners	Pace Profile #:

Program: ☐ UST ☐ Superfund ☐ Emissions ☐ Clean Air Act ☐ Voluntary Clean Up ☐ Dry Clean ☐ RCRA ☐ Other____

Location of Sampling by State: WI

Reporting Units: ug/m³___ mg/m³___ PPBV___ PPMV___ Other___

Report Level: II.___ III.___ IV.___ Other____

'Section D Required Client Information

AIR SAMPLE ID
Sample IDs MUST BE UNIQUE

Valid Media Codes

MEDIA	CODE
Tedlar Bag	TB
1 Liter Summa Can	1LC
6 Liter Summa Can	6LC
Low Volume Puff	LVP
High Volume Puff	HVP
Other	PM10

ITEM #	'Section D Required Client Information: AIR SAMPLE ID (Sample IDs MUST BE UNIQUE)	MEDIA CODE	PID Reading (Client only)	COLLECTED: COMPOSITE START END/GRAB DATE	COLLECTED: COMPOSITE START END/GRAB TIME	COLLECTED: COMPOSITE END DATE	COLLECTED: COMPOSITE END TIME	Canister Pressure (Initial Field - psig)	Canister Pressure (Final Field - psig)	Summa Can Number	Flow Control Number	Method: PM10	3C: Fixed Gas (%)	TO-3	TO-3M (Methane)	TO-4 (PCBs)	TO-13 (PAH)	TO-14	TO-15	TO15 Short List*	Pace Lab ID
1	VP-1	6LC		5/22/13	1230	5/22/13	1312	30	3	06950563									X		001
2	VP-2	6LC		5/22/13	1545	5/22/13	1625	28	3	09270466									X		002
3	VP-3	6LC		5/22/13	1555	5/22/13	1630	27	3	02780595									X		003
4	VP-4	6LC		5/22/13	1605	5/22/13	1637	27	3	05940461									X		004
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Comments:

Analysis Per Contract

Note: Please analyze for:
- Cis-1,2-Dichloroethene
- Tetrachloroethene
- Trichloroethene
- Vinyle Chloride ORIGINAL

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Lee M. Wilson	5/23/13	1900	TG Schaefer	5/23/13	1900
TG Schaefer	5/24/13	0800	Mary Fahnz	5/24/13	9:33
Mary Fahnz	5/24/13	1400	Mark W. Sprunk	5/24/13	1400
Mark W. Sprunk	5/24/13	1600		5/25/13	0915

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Lee M. Wilson

SIGNATURE of SAMPLER: Lee M. Wilson

DATE Signed (MM / DD / YY): 05/22/13

SAMPLE CONDITIONS

	Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
		Y/N	Y/N	Y/N
		Y/N	Y/N	Y/N
		Y/N	Y/N	Y/N
cub		Y/N	Y/N	Y/N

ORIGINAL

Pace Analytical®	Document Name: Air Sample Condition Upon Receipt	Document Revised: 28Jan2013 Page 1 of 1
	Document No.: F-MN-A-106-rev.07	Issuing Authority: Pace Minnesota Quality Office

Air Sample Condition Upon Receipt

Client Name: Aecom WI

Project #: WO# : 10230183

10230183

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☒ Other: Veritco

Tracking Number:

Custody Seal on Cooler/Box Present? ☐ Yes ☒ No **Seals Intact?** ☐ Yes ☒ No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ Foam ☐ None ☐ Other:

Temp. (TO17 and TO13 samples only) (°C): 0.0 0.2 **Corrected Temp (°C):** **Thermom. Used:** ☐ B88A912167504 ☐ 80512447 ☐ 72337080

Temp should be above freezing to 6°C **Correction Factor:** **Date & Initials of Person Examining Contents:** 5/25/13

Comments:

Chain of Custody Present?	☒ Yes	☐ No	☐ N/A	1.
Chain of Custody Filled Out?	☒ Yes	☐ No	☐ N/A	2.
Chain of Custody Relinquished?	☒ Yes	☐ No	☐ N/A	3.
Sampler Name and/or Signature on COC?	☒ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☒ No	☐ N/A	6.
Rush Turn Around Time Requested?	☐ Yes	☒ No	☐ N/A	7.
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	8.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	9.
-Pace Containers Used?	☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	10.
Media: 4 Cans 4 FC's				11.
Sample Labels Match COC?	☒ Yes	☐ No	☐ N/A	12.

Samples Received:

Canisters		Flow Controllers		Stand Alone G	
Sample Number	Can ID	Sample Number	Can ID	Sample Number	Can ID
12-1	Pace 0595		FC 0563		
11-2	11 0927		FC 0466		
11-3	11 0278		FC 0595		
12-4	11 0594		FC 0961		

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: CMD **Date:** 5-29-13

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)